

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069979.D
 Acq On : 11 Dec 2021 1:19
 Operator : JC/MD
 Sample : VN1210WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS02

Quant Time: Dec 11 05:28:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	988447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1650659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1494762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	610570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	772606	50.624	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.240%			
35) Dibromofluoromethane	8.024	113	542092	52.430	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.860%			
50) Toluene-d8	10.440	98	2048760	49.349	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.731	95	700855	46.598	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	207199	17.972	ug/l	99
3) Chloromethane	2.306	50	250438	17.339	ug/l	100
4) Vinyl Chloride	2.448	62	236757	17.827	ug/l	97
5) Bromomethane	2.861	94	132318	18.339	ug/l	98
6) Chloroethane	3.022	64	142727	17.538	ug/l	97
7) Trichlorofluoromethane	3.379	101	314643	18.051	ug/l	96
8) Diethyl Ether	3.827	74	124411	18.532	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.213	101	184223	18.855	ug/l	95
10) Methyl Iodide	4.422	142	225303	16.879	ug/l	98
11) Tert butyl alcohol	5.379	59	233639	80.989	ug/l	99
12) 1,1-Dichloroethene	4.181	96	172841	18.357	ug/l	87
13) Acrolein	4.044	56	215761	87.826	ug/l	99
14) Allyl chloride	4.843	41	398207	18.769	ug/l #	93
15) Acrylonitrile	5.559	53	697882	89.776	ug/l	100
16) Acetone	4.291	43	659420	71.828	ug/l	97
17) Carbon Disulfide	4.529	76	475626	19.553	ug/l	97
18) Methyl Acetate	4.856	43	502739	18.142	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	676330	18.474	ug/l	96
20) Methylene Chloride	5.093	84	218793	17.927	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	183970	17.989	ug/l	87
22) Diisopropyl ether	6.501	45	807733	19.478	ug/l #	92
23) Vinyl Acetate	6.436	43	3260143	96.634	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	417870	19.453	ug/l	98
25) 2-Butanone	7.337	43	1008275	80.832	ug/l	91
26) 2,2-Dichloropropane	7.327	77	278826	16.694	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	222169	17.981	ug/l	85
28) Bromochloromethane	7.659	49	224794	20.124	ug/l #	75
29) Tetrahydrofuran	7.689	42	675609	89.197	ug/l	87
30) Chloroform	7.820	83	414507	19.107	ug/l	100
31) Cyclohexane	8.096	56	393321	18.519	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	355737	19.250	ug/l	94
36) 1,1-Dichloropropene	8.222	75	292348	18.605	ug/l	95
37) Ethyl Acetate	7.415	43	399776	17.093	ug/l	94
38) Carbon Tetrachloride	8.206	117	306068	19.863	ug/l	98
39) Methylcyclohexane	9.461	83	324880	17.381	ug/l	90
40) Benzene	8.461	78	888747	18.504	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	204038	18.584	ug/l	89
42) 1,2-Dichloroethane	8.531	62	360012	18.568	ug/l	96
43) Isopropyl Acetate	8.563	43	633554	18.305	ug/l #	93
44) Trichloroethene	9.217	130	206339	17.999	ug/l	91
45) 1,2-Dichloropropane	9.491	63	246104	19.081	ug/l	98
46) Dibromomethane	9.577	93	160644	18.991	ug/l	93
47) Bromodichloromethane	9.762	83	334522	20.887	ug/l	99
48) Methyl methacrylate	9.561	41	292574	18.114	ug/l	85
49) 1,4-Dioxane	9.571	88	90376	311.842	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2057897	91.655	ug/l	94
52) Toluene	10.505	92	540444	18.430	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	323522	18.648	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	349626	18.599	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	222484	18.804	ug/l	95
56) Ethyl methacrylate	10.762	69	356146	17.505	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	391842	18.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	337047	70.185	ug/l	89
59) 2-Hexanone	11.087	43	1431197	84.264	ug/l	92
60) Dibromochloromethane	11.237	129	236700	20.161	ug/l	99
61) 1,2-Dibromoethane	11.347	107	224206	18.296	ug/l	100
64) Tetrachloroethene	10.979	164	182659	18.022	ug/l	97
65) Chlorobenzene	11.771	112	562968	18.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	217643	20.392	ug/l	99
67) Ethyl Benzene	11.846	91	1031552	18.727	ug/l	95
68) m/p-Xylenes	11.953	106	750962	37.443	ug/l	91
69) o-Xylene	12.280	106	374135	18.520	ug/l	92
70) Styrene	12.296	104	601546	18.778	ug/l	95
71) Bromoform	12.457	173	177317	21.094	ug/l #	99
73) Isopropylbenzene	12.578	105	975737	17.962	ug/l	98
74) N-amyl acetate	12.387	43	423001	17.607	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	350756	18.672	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	301401m	17.213	ug/l	
77) Bromobenzene	12.862	156	228615	17.917	ug/l	78
78) n-propylbenzene	12.921	91	1097904	18.162	ug/l	96
79) 2-Chlorotoluene	13.007	91	689471	18.051	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	794438	18.169	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	89744	19.473	ug/l	92
82) 4-Chlorotoluene	13.106	91	651536	18.138	ug/l	92
83) tert-Butylbenzene	13.323	119	697937	18.027	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	766329	18.403	ug/l	98
85) sec-Butylbenzene	13.503	105	940157	17.903	ug/l	97
86) p-Isopropyltoluene	13.616	119	736439	17.940	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	376931	17.981	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	367007	17.816	ug/l	96
89) n-Butylbenzene	13.943	91	568150	17.062	ug/l	97
90) Hexachloroethane	14.211	117	156604	21.730	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	369145	18.073	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	65502	19.297	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	152245	17.201	ug/l	98
94) Hexachlorobutadiene	15.373	225	99749	18.428	ug/l	100
95) Naphthalene	15.507	128	384980	15.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	152676	17.312	ug/l	98

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ClientSampleId :
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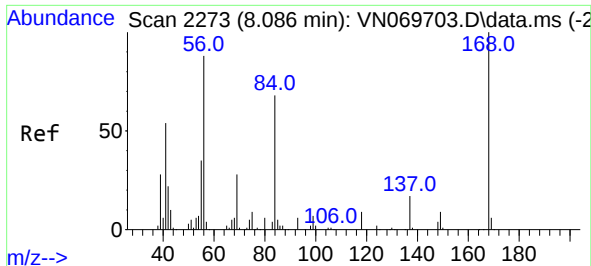
Manual Integrations
APPROVED

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Supervised By :Amit Patel 12/14/2021

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



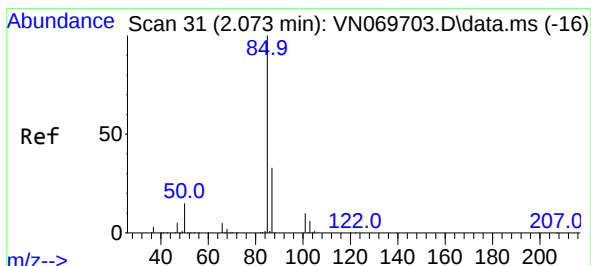
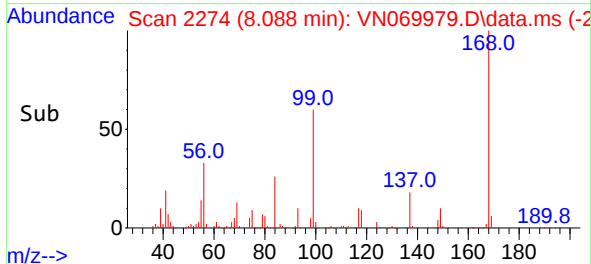
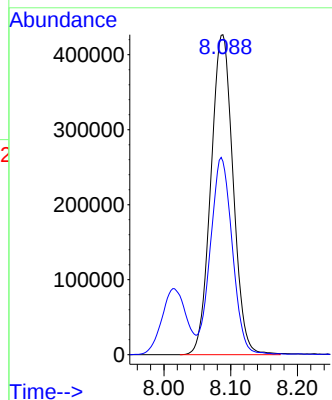
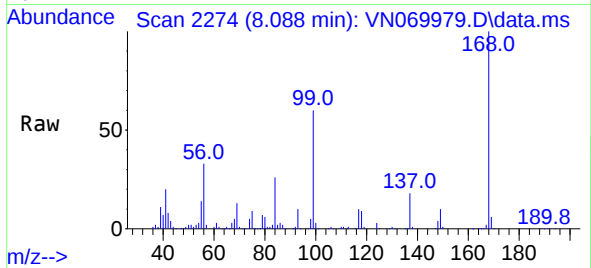
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:168 Resp: 98844
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

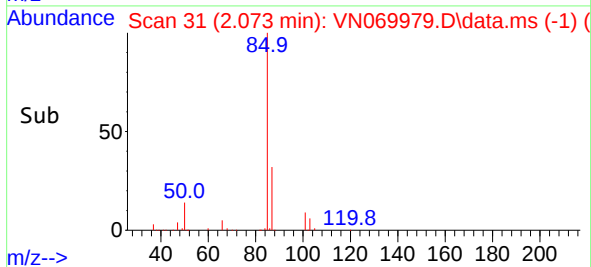
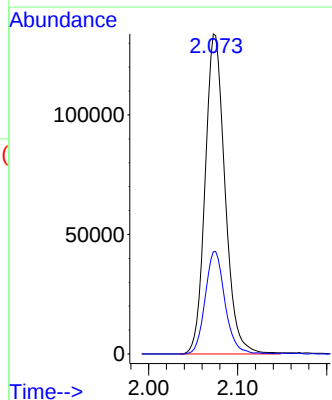
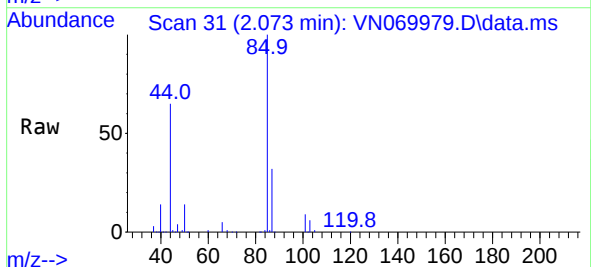
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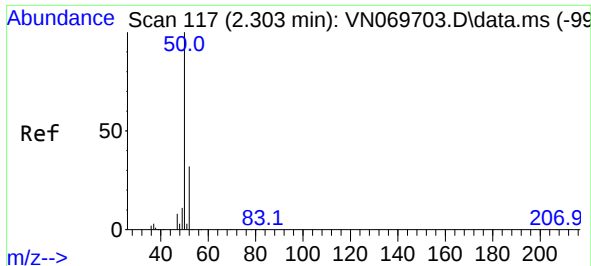
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#2
Dichlorodifluoromethane
Concen: 17.972 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

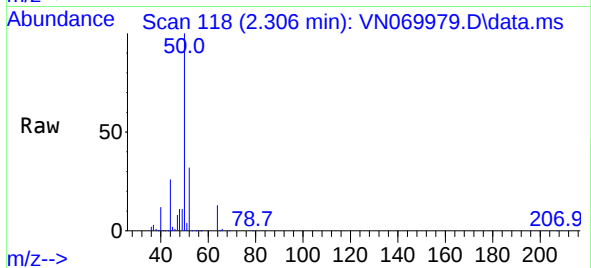
Tgt Ion: 85 Resp: 207199
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 17.339 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

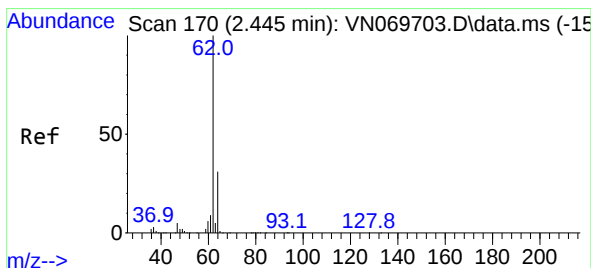
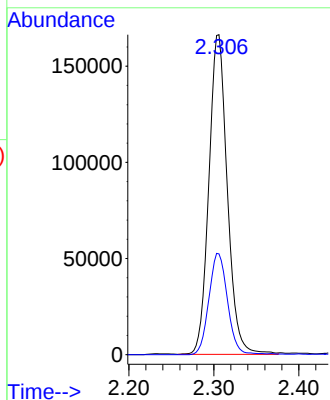
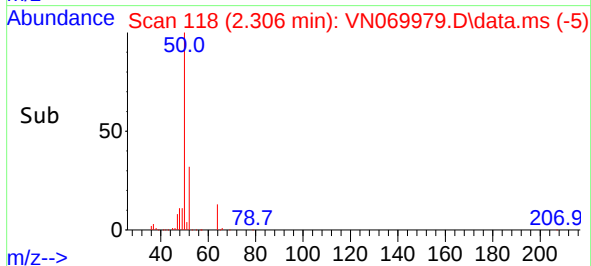
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ClientSampleId :
VN1210WBS02



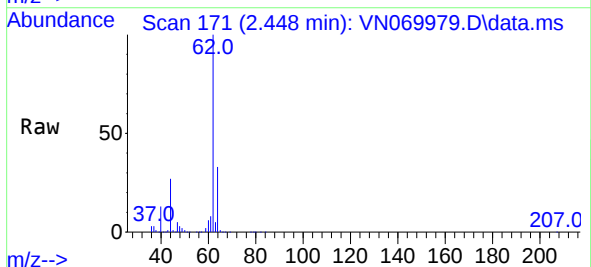
Tgt Ion: 50 Resp: 250438
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

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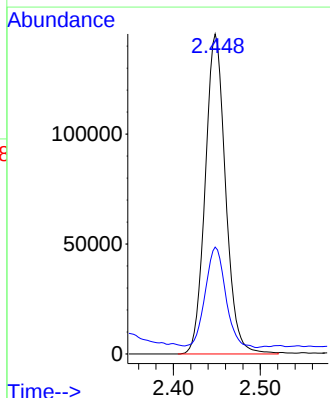
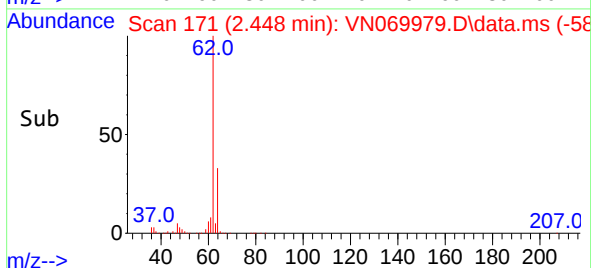
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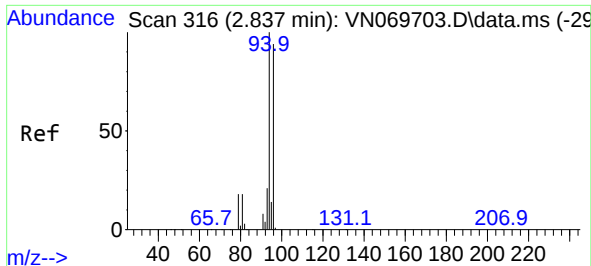


#4
Vinyl Chloride
Concen: 17.827 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



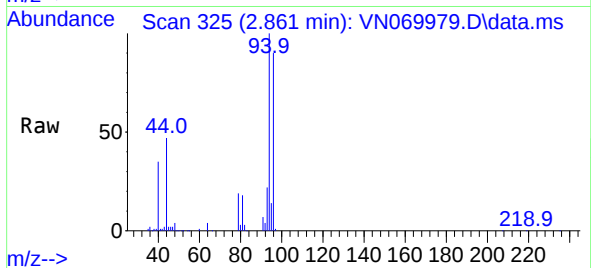
Tgt Ion: 62 Resp: 236757
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





#5
Bromomethane
Concen: 18.339 ug/l
RT: 2.861 min Scan# 316
Delta R.T. 0.024 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

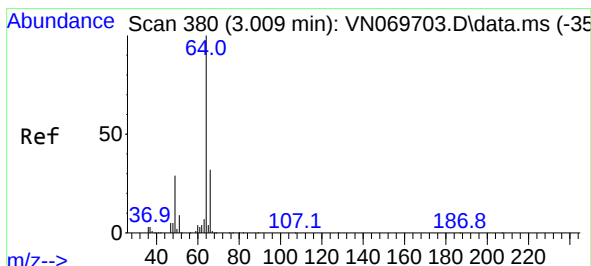
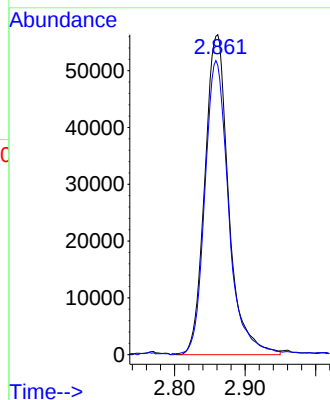
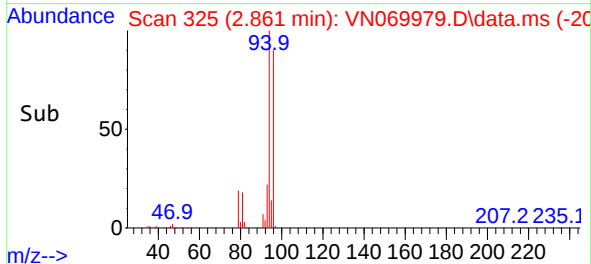
Instrument :
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Tgt Ion: 94 Resp: 132318
Ion Ratio Lower Upper
94 100
96 90.0 73.8 110.8

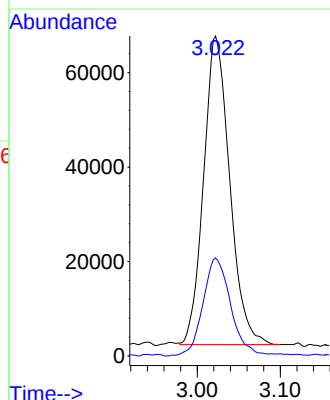
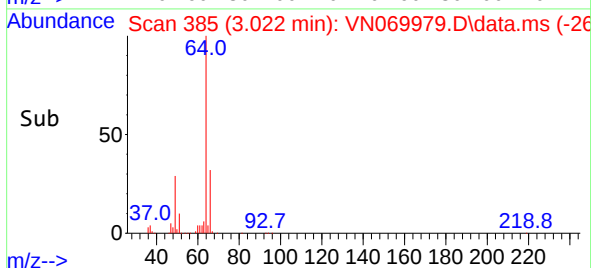
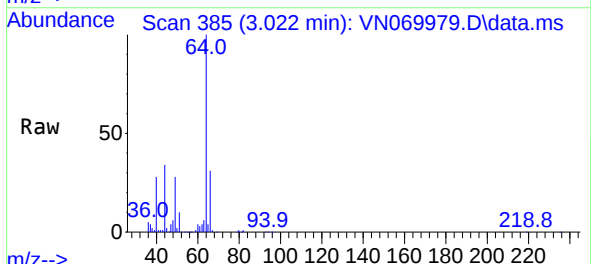
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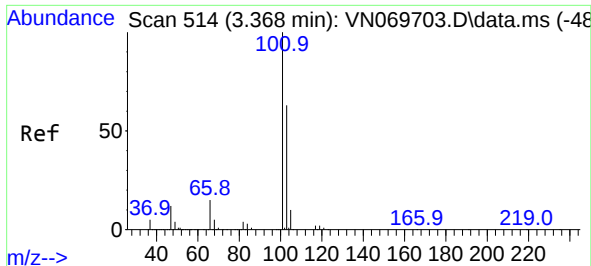
Reviewed By :John Carlone 12/11/2021
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#6
Chloroethane
Concen: 17.538 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.013 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion: 64 Resp: 142727
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





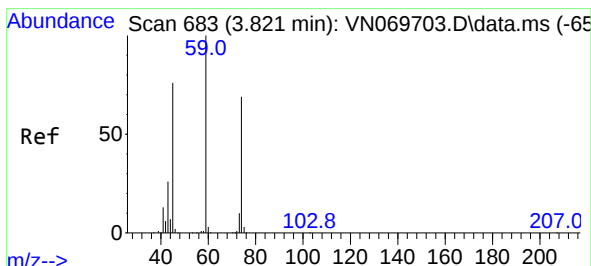
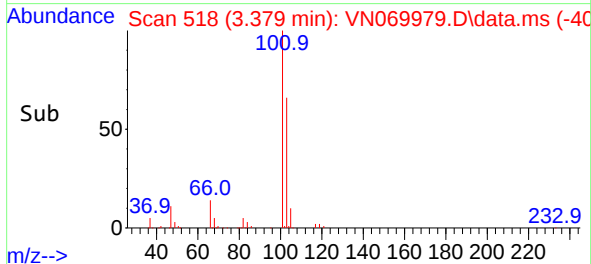
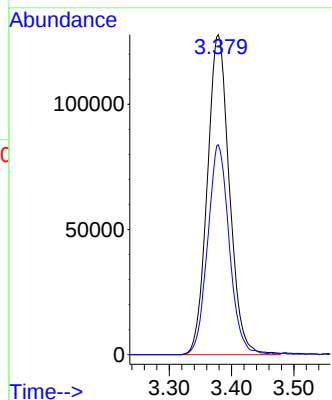
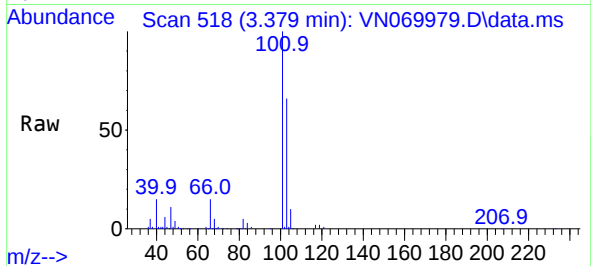
#7
Trichlorofluoromethane
Concen: 18.051 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
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ClientSampleId :
VN1210WBS02

Tgt Ion:101 Resp: 31464
Ion Ratio Lower Upper
101 100
103 65.6 50.1 75.1

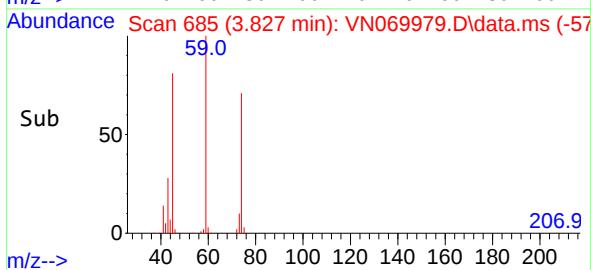
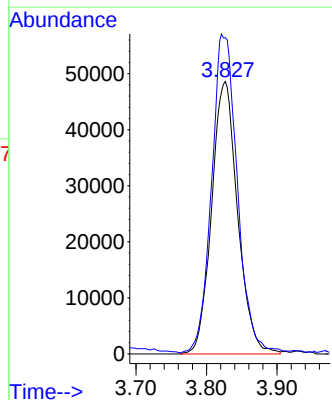
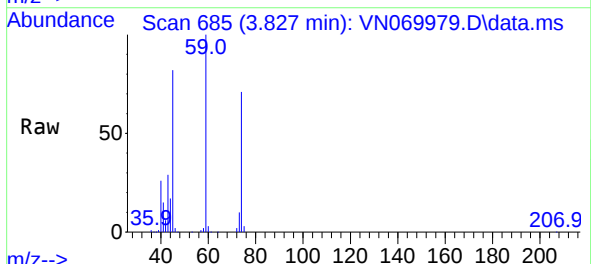
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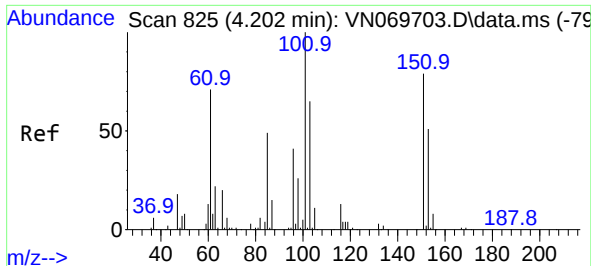
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#8
Diethyl Ether
Concen: 18.532 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.005 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion: 74 Resp: 124411
Ion Ratio Lower Upper
74 100
45 115.7 47.0 141.2





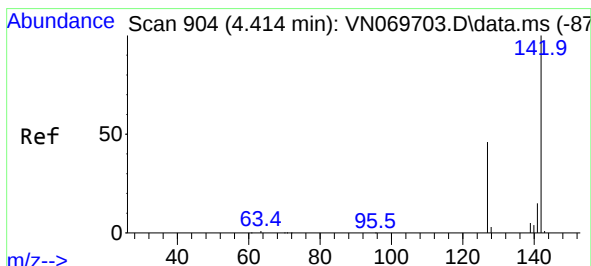
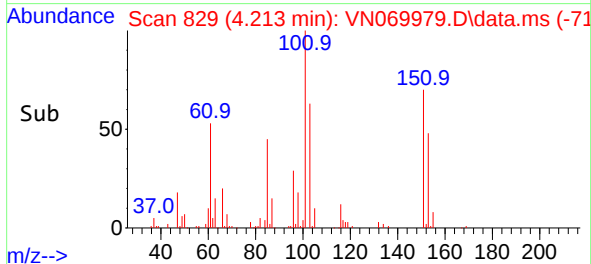
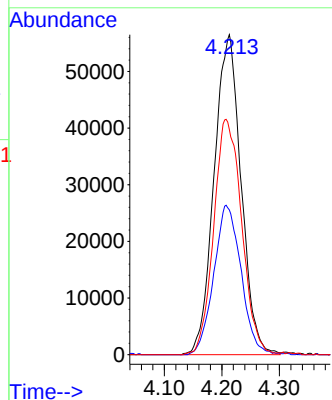
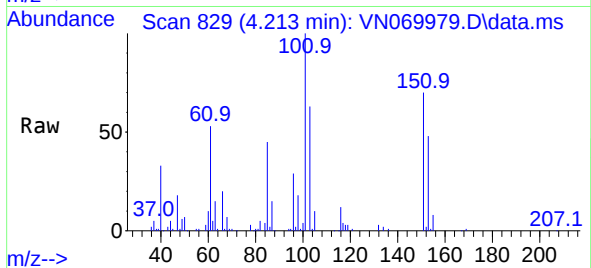
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.855 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.011 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:101 Resp: 18422
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 76.2 65.9 98.9

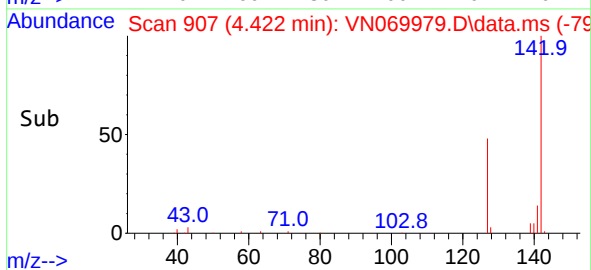
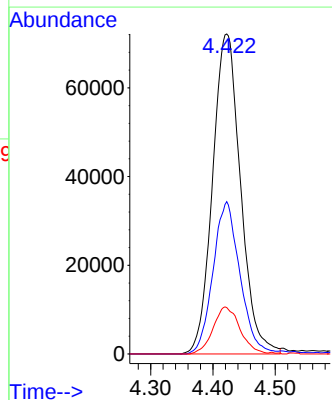
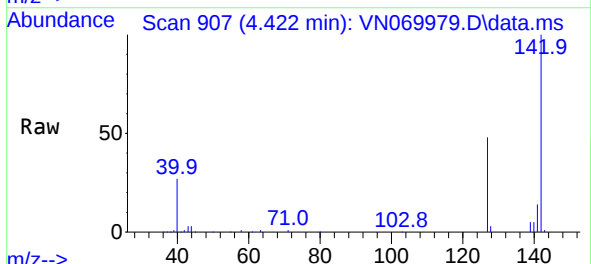
Manual Integrations
APPROVED

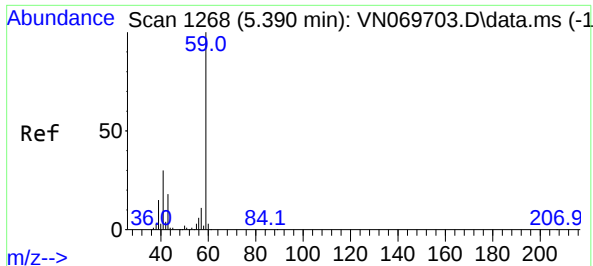
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 16.879 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

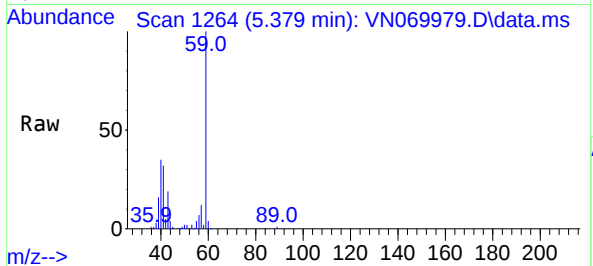
Tgt Ion:142 Resp: 225303
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 80.989 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

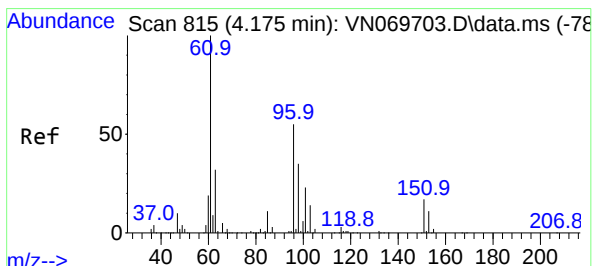
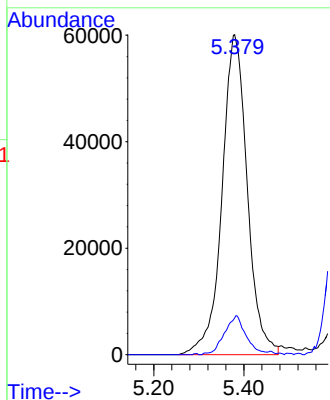
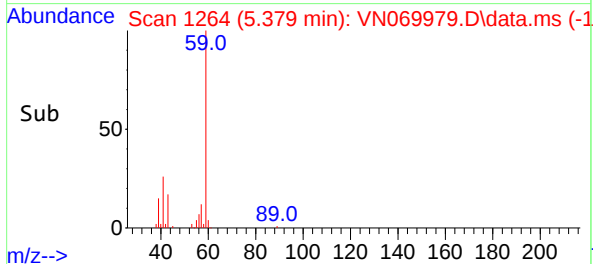
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



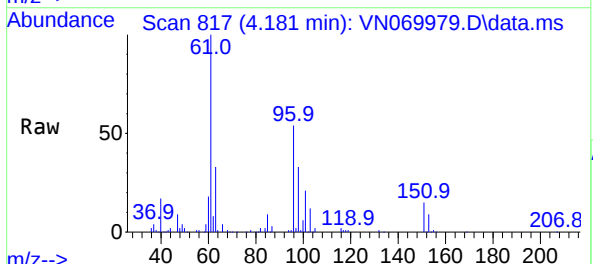
Tgt Ion: 59 Resp: 233639
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
APPROVED

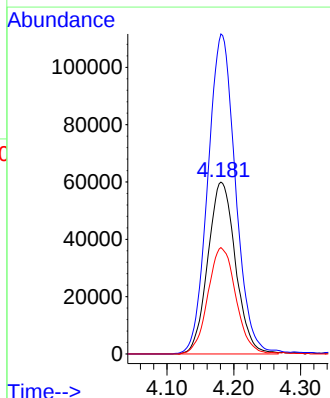
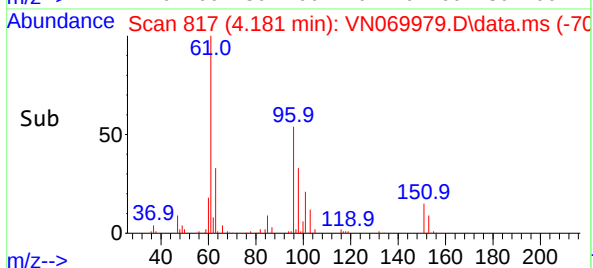
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

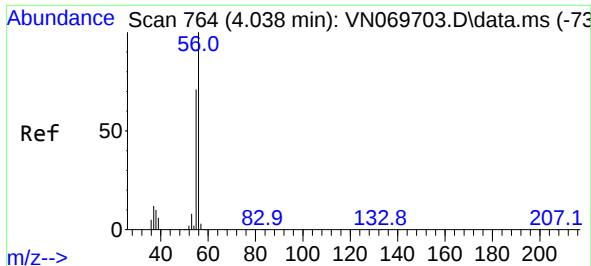


#12
1,1-Dichloroethene
Concen: 18.357 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



Tgt Ion: 96 Resp: 172841
Ion Ratio Lower Upper
96 100
61 185.8 131.0 196.6
98 62.0 52.4 78.6





#13

Acrolein

Concen: 87.826 ug/l

RT: 4.044 min Scan# 70

Delta R.T. 0.005 min

Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS02

Tgt Ion: 56 Resp: 21576

Ion Ratio Lower Upper

56 100

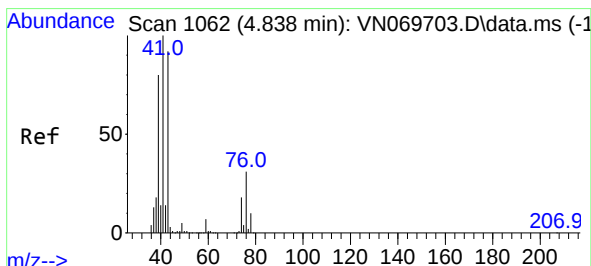
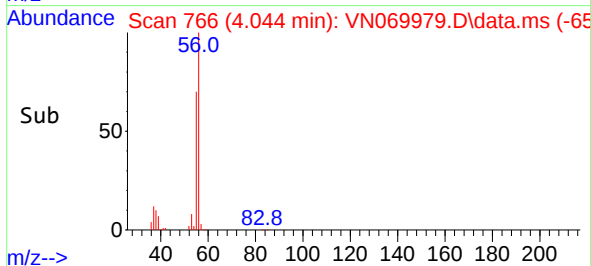
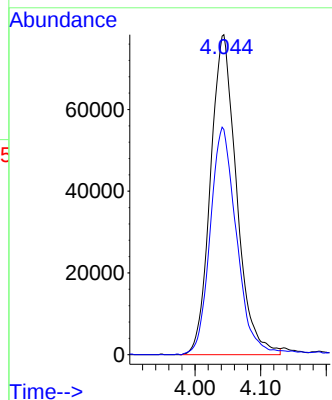
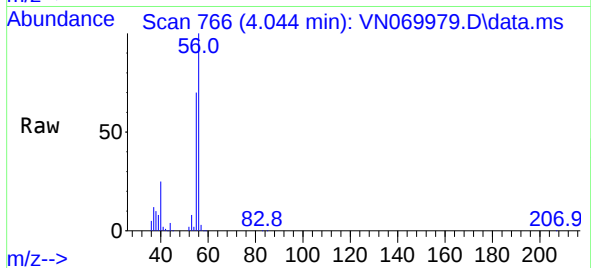
55 71.8 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#14

Allyl chloride

Concen: 18.769 ug/l

RT: 4.843 min Scan# 1064

Delta R.T. 0.005 min

Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

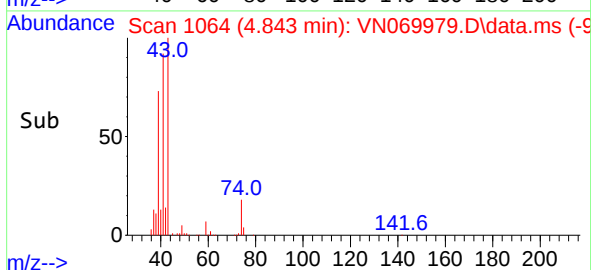
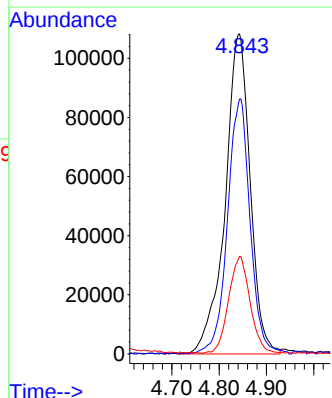
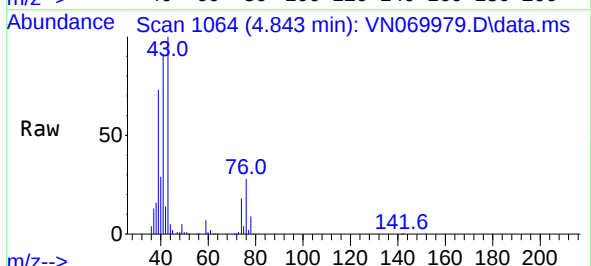
Tgt Ion: 41 Resp: 398207

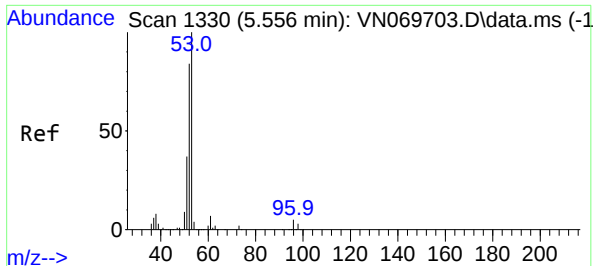
Ion Ratio Lower Upper

41 100

39 72.1 61.2 91.8

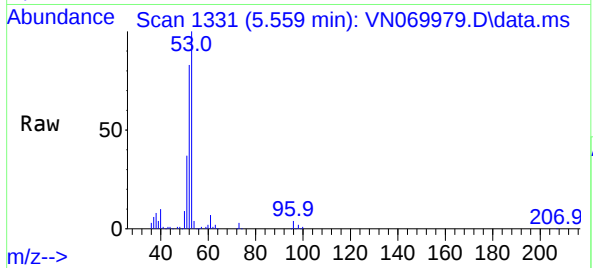
76 25.9 26.0 39.0#





#15
Acrylonitrile
Concen: 89.776 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

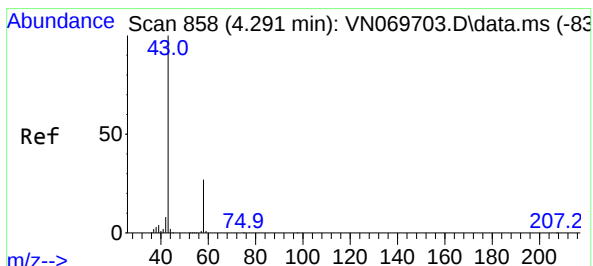
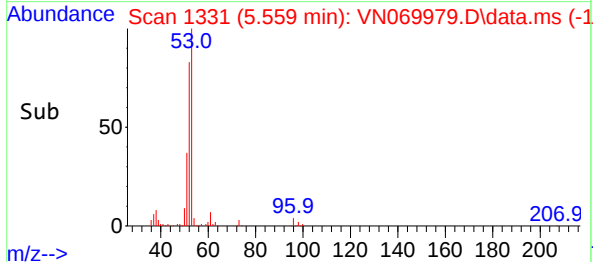
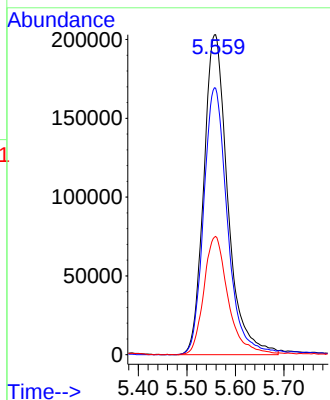
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



Tgt Ion: 53 Resp: 69788
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 37.5 29.6 44.4

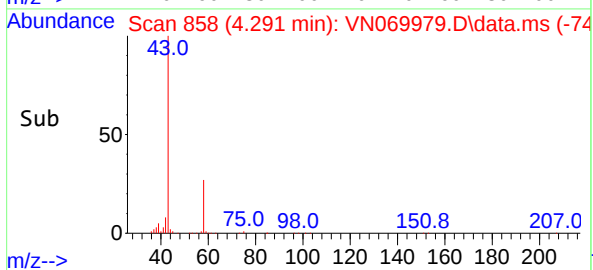
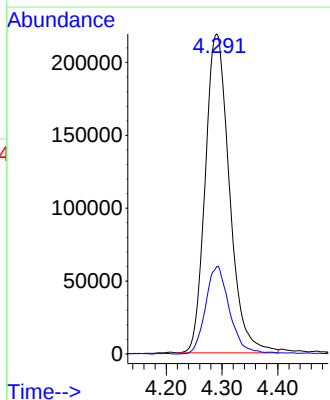
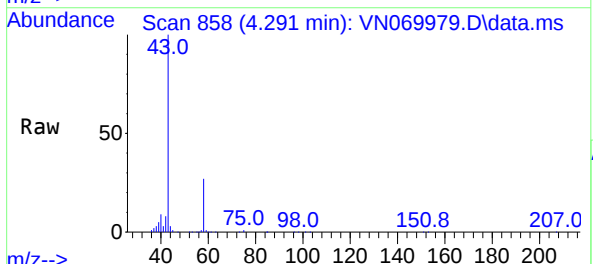
Manual Integrations
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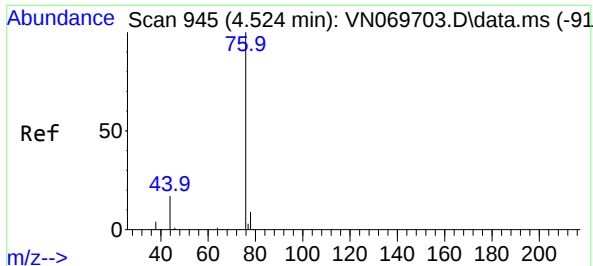
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 71.828 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

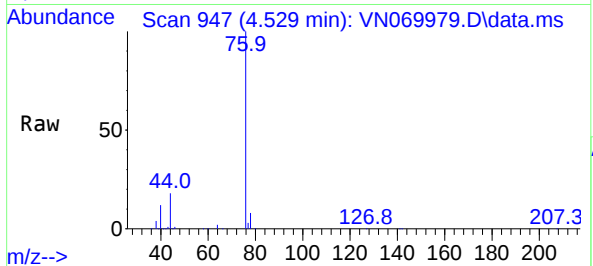
Tgt Ion: 43 Resp: 659420
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 19.553 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

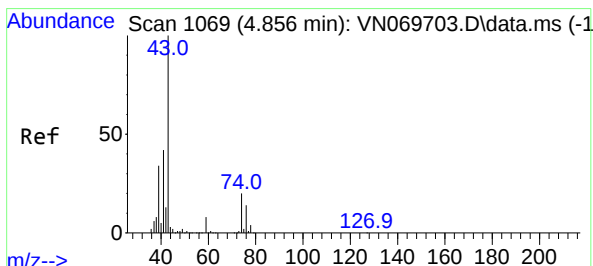
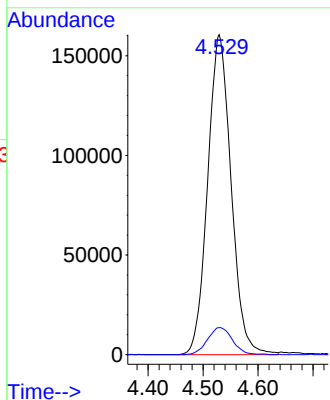
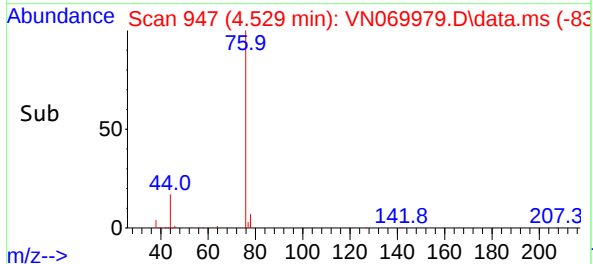
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



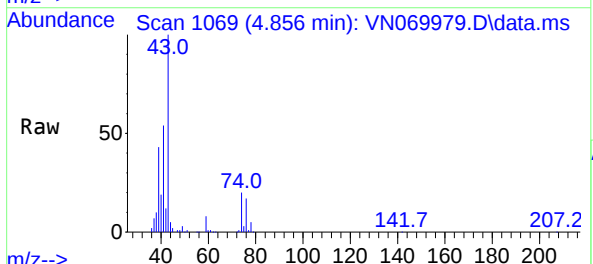
Tgt Ion: 76 Resp: 475620
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

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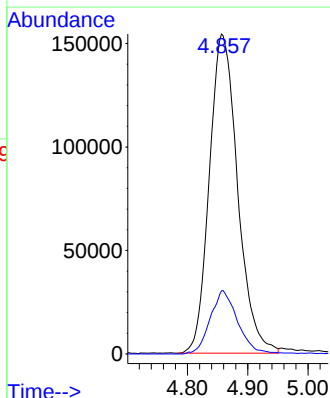
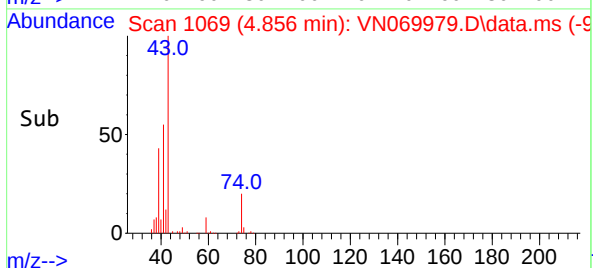
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

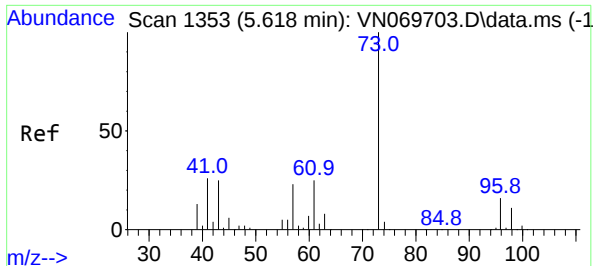


#18
Methyl Acetate
Concen: 18.142 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



Tgt Ion: 43 Resp: 502739
Ion Ratio Lower Upper
43 100
74 19.4 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 18.474 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS02

Tgt Ion: 73 Resp: 676330

Ion Ratio Lower Upper

73 100

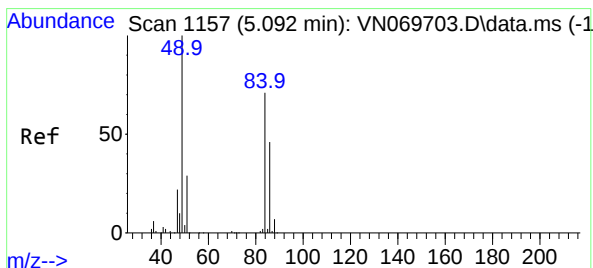
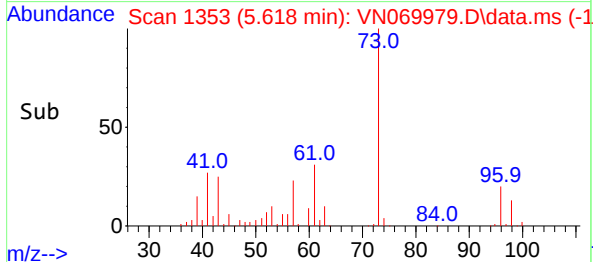
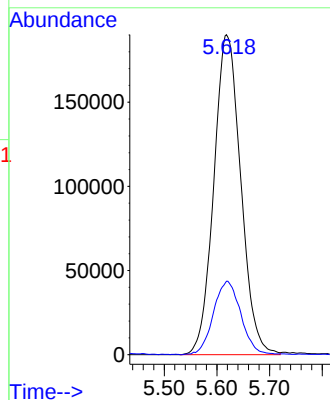
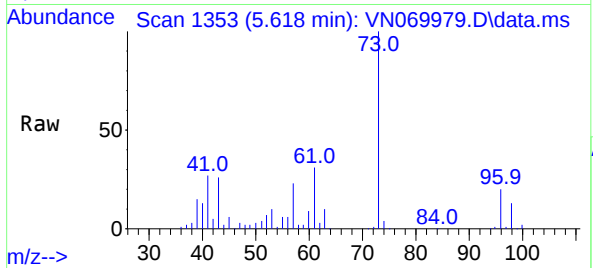
57 23.0 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#20

Methylene Chloride

Concen: 17.927 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

Tgt Ion: 84 Resp: 218793

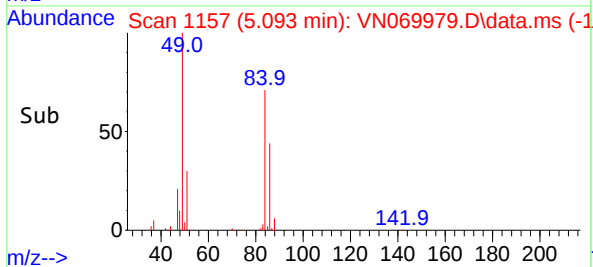
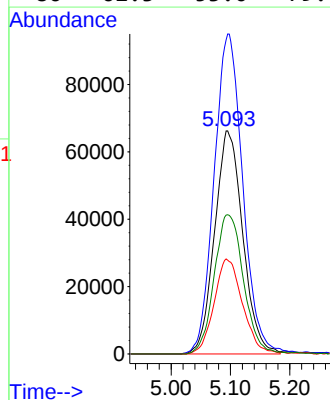
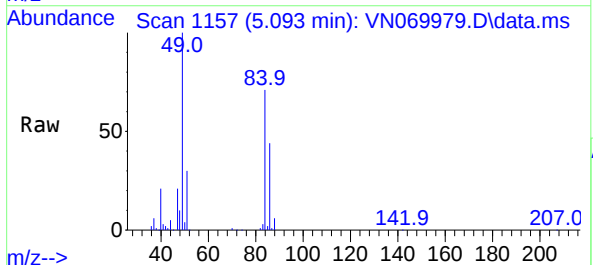
Ion Ratio Lower Upper

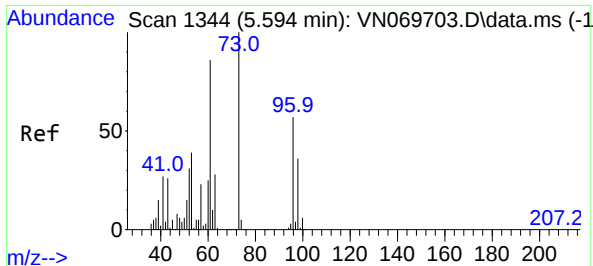
84 100

49 140.8 93.5 140.3

51 42.6 29.4 44.2

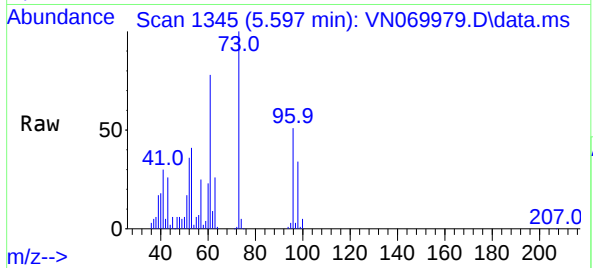
86 62.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.989 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

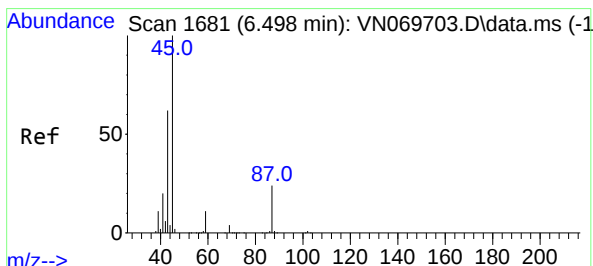
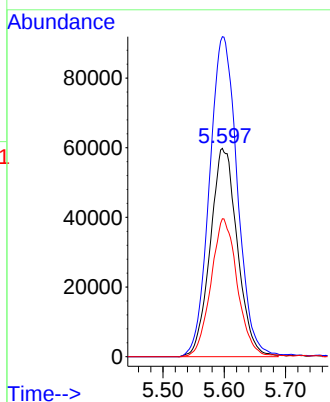
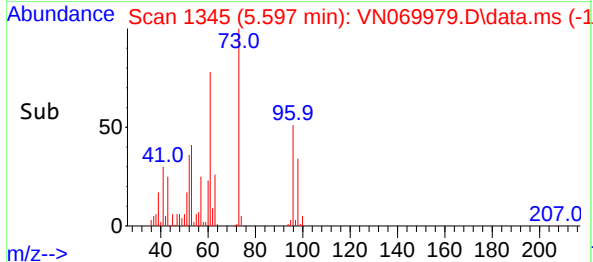
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



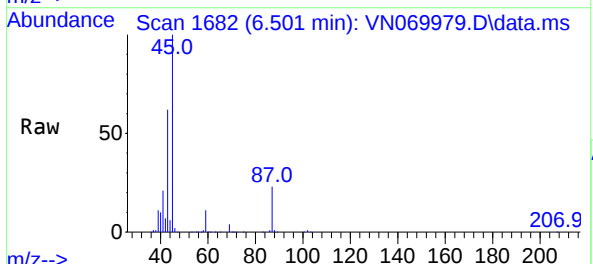
Tgt Ion: 96 Resp: 183970
Ion Ratio Lower Upper
96 100
61 153.6 105.8 158.6
98 66.2 52.0 78.0

Manual Integrations
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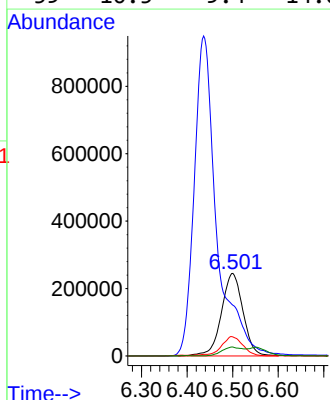
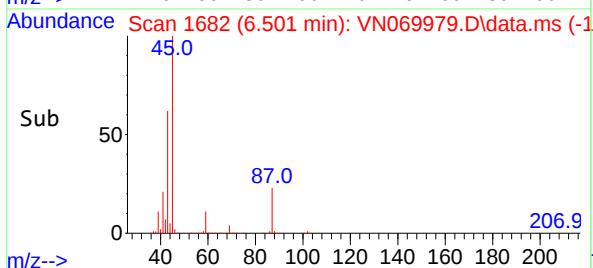
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

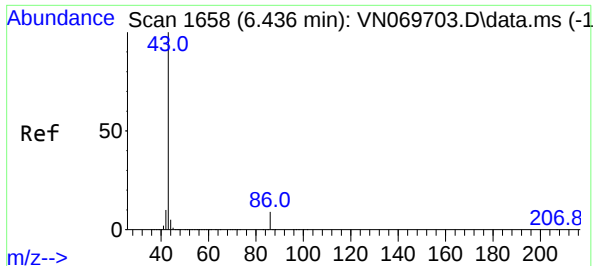


#22
Diisopropyl ether
Concen: 19.478 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



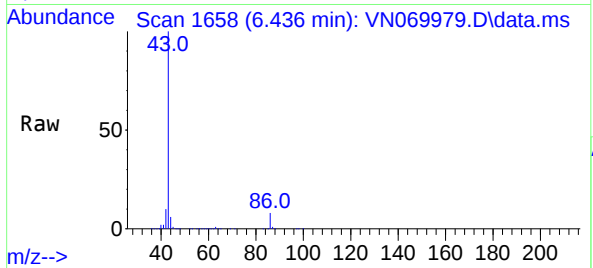
Tgt Ion: 45 Resp: 807733
Ion Ratio Lower Upper
45 100
43 58.5 51.7 77.5
87 22.9 23.2 34.8#
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 96.634 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN069979.D
 Acq: 11 Dec 2021 1:19

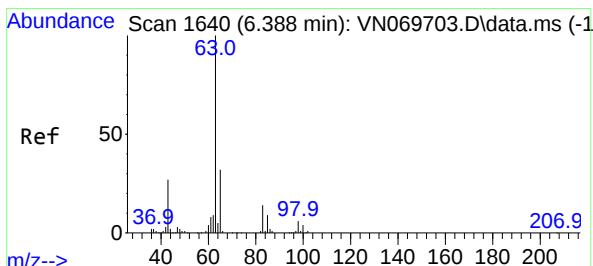
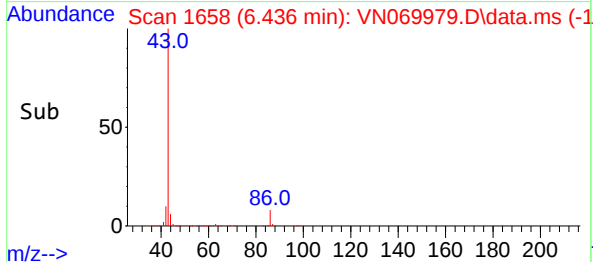
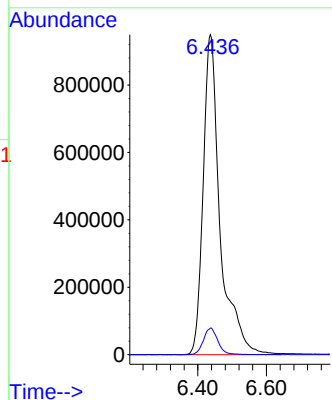
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS02



Tgt Ion: 43 Resp: 326014
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

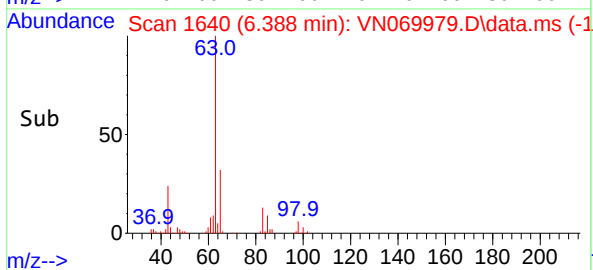
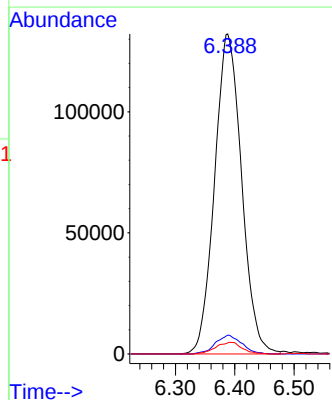
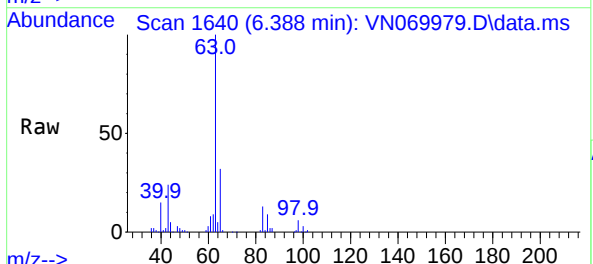
Manual Integrations
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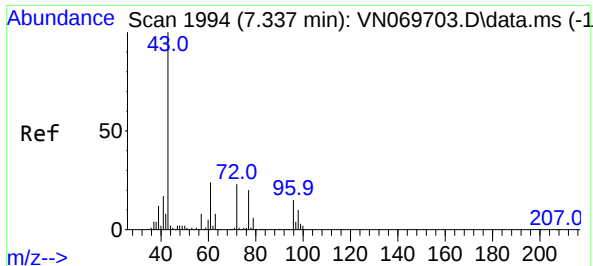
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 19.453 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069979.D
 Acq: 11 Dec 2021 1:19

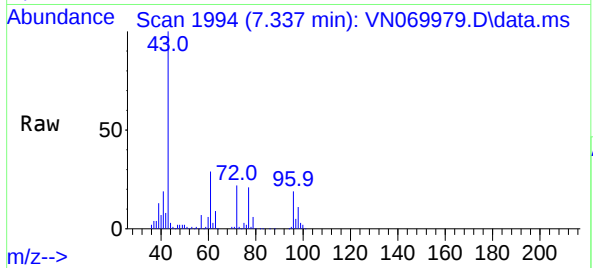
Tgt Ion: 63 Resp: 417870
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.5 2.1 6.5





#25
2-Butanone
Concen: 80.832 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

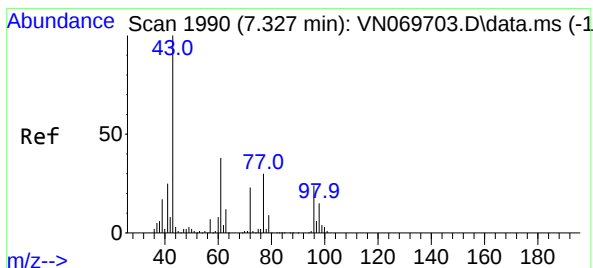
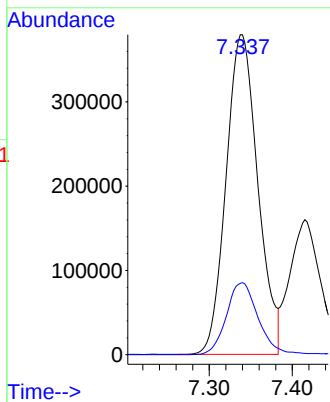
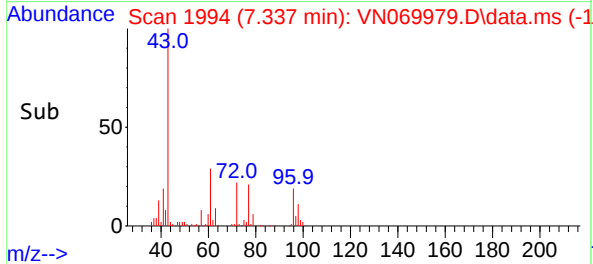
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



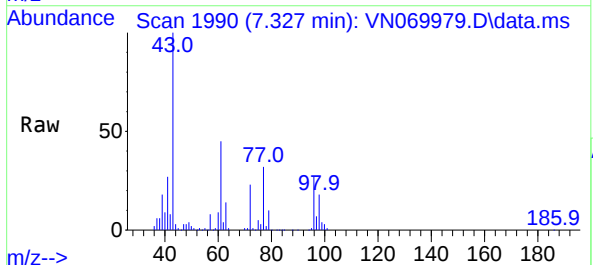
Tgt Ion: 43 Resp: 100827
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

Manual Integrations
APPROVED

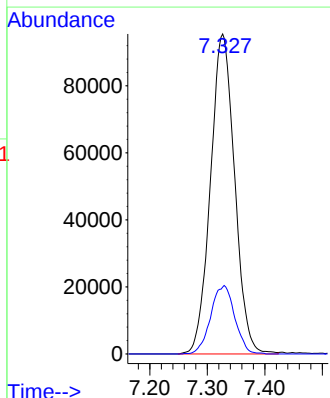
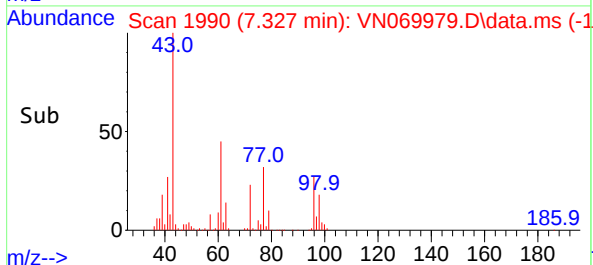
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

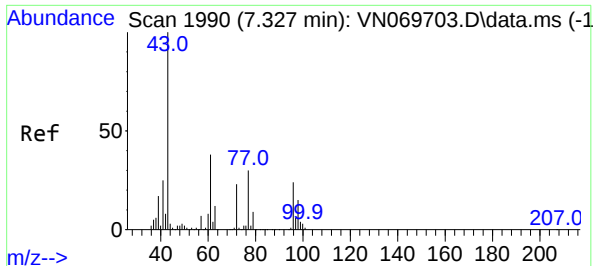


#26
2,2-Dichloropropane
Concen: 16.694 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



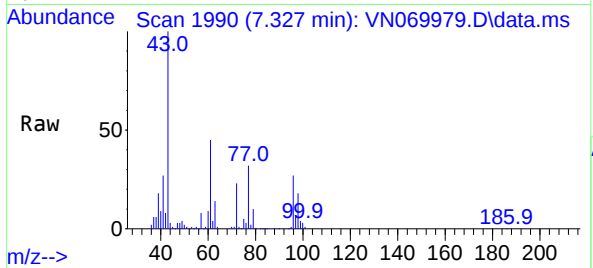
Tgt Ion: 77 Resp: 278826
Ion Ratio Lower Upper
77 100
97 21.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 17.981 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

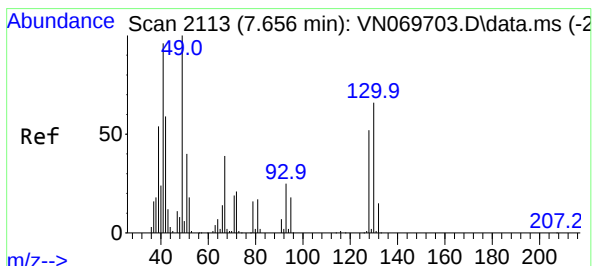
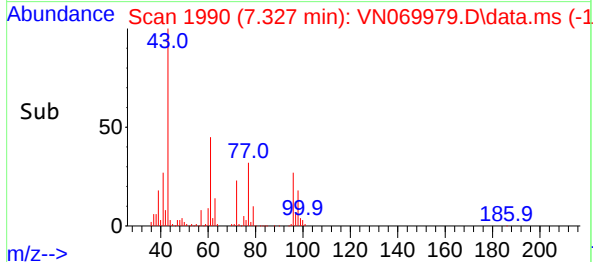
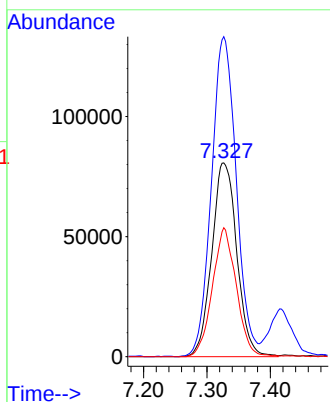
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



Tgt Ion: 96 Resp: 222169
Ion Ratio Lower Upper
96 100
61 163.6 0.0 275.0
98 63.2 0.0 129.6

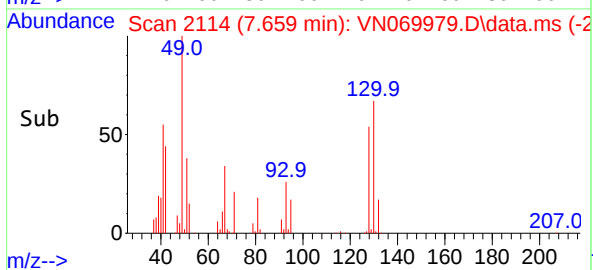
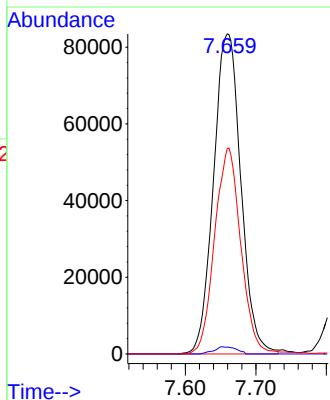
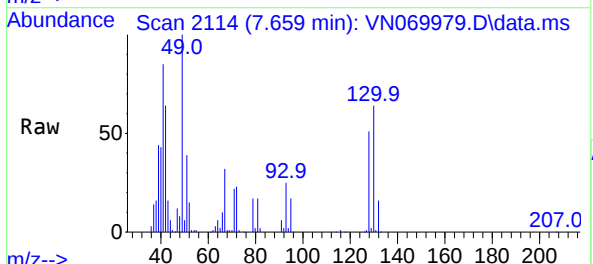
Manual Integrations
APPROVED

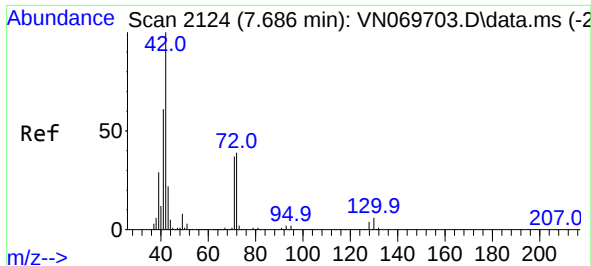
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#28
Bromochloromethane
Concen: 20.124 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion: 49 Resp: 224794
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 61.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 89.197 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS02

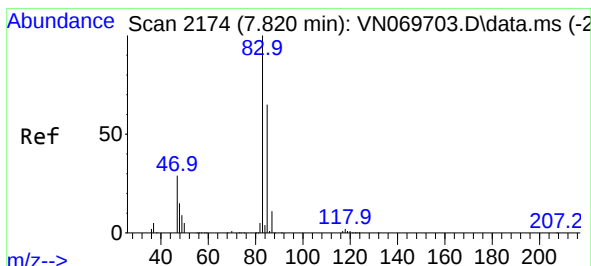
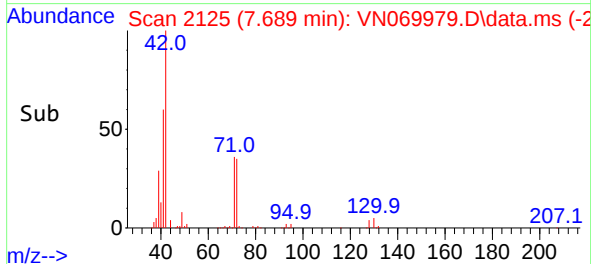
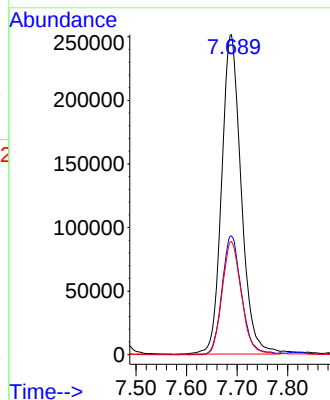
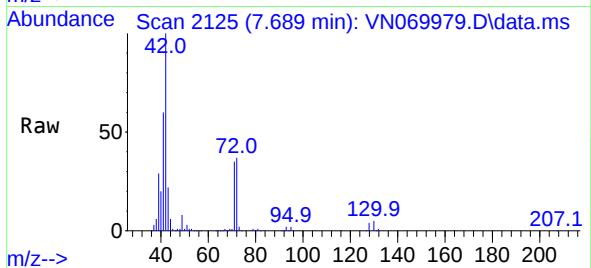
Tgt Ion: 42 Resp: 675609

Ion	Ratio	Lower	Upper
42	100		
72	36.6	36.3	54.5
71	35.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 19.107 ug/l

RT: 7.820 min Scan# 2174

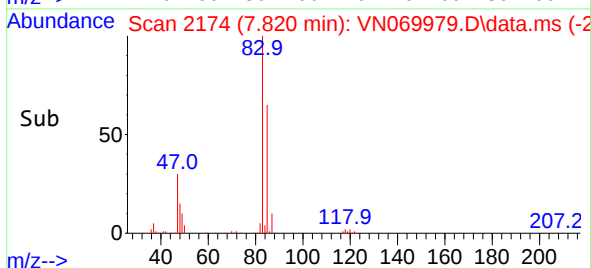
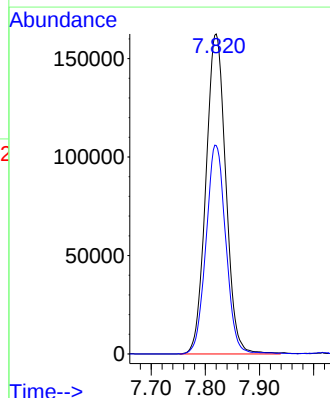
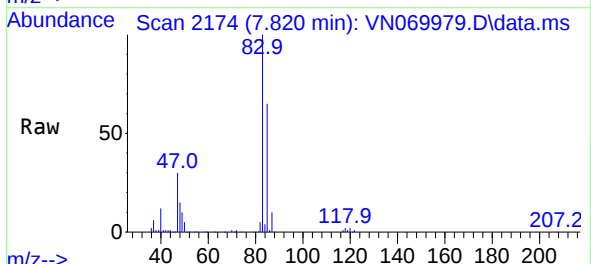
Delta R.T. 0.000 min

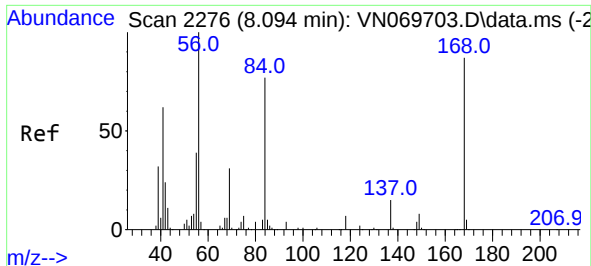
Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

Tgt Ion: 83 Resp: 414507

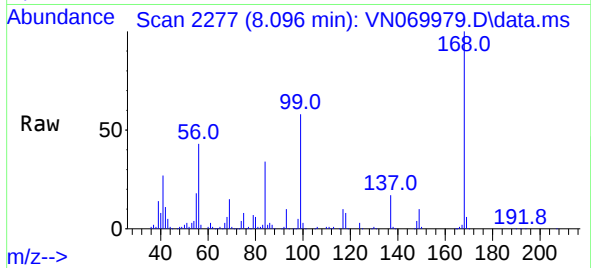
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





#31
Cyclohexane
Concen: 18.519 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

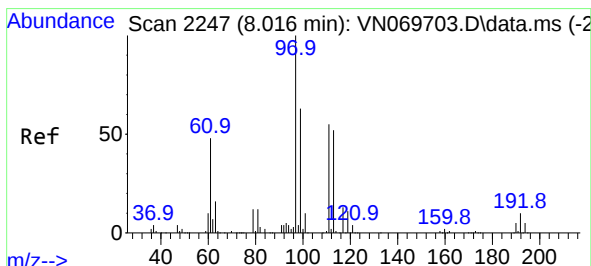
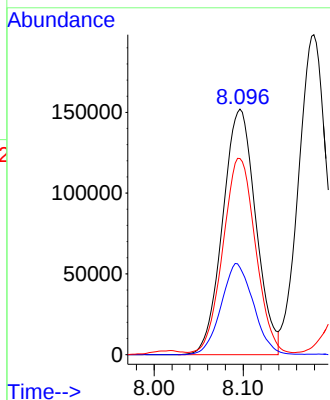
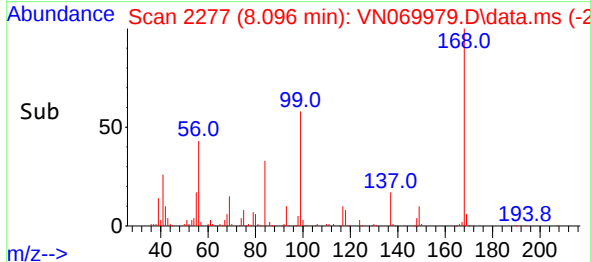
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



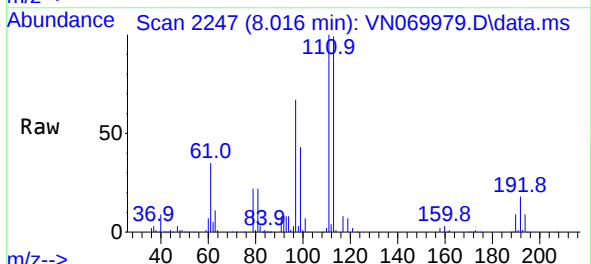
Tgt Ion: 56 Resp: 39332
Ion Ratio Lower Upper
56 100
69 35.5 27.1 40.7
84 78.6 73.4 110.0

Manual Integrations
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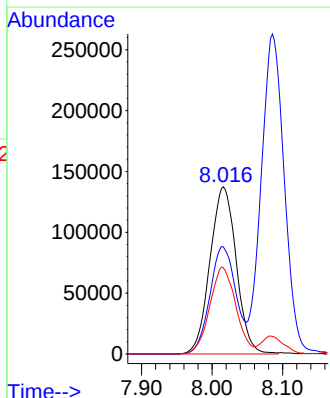
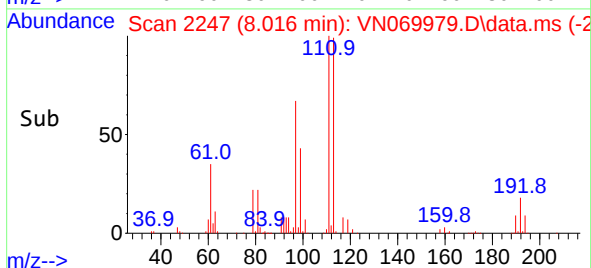
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

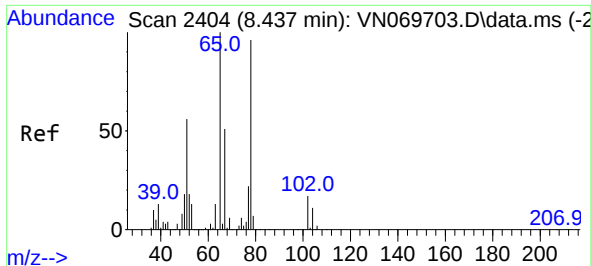


#32
1,1,1-Trichloroethane
Concen: 19.250 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



Tgt Ion: 97 Resp: 355737
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 51.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.624 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS02

Tgt Ion: 65 Resp: 772600

Ion Ratio Lower Upper

65 100

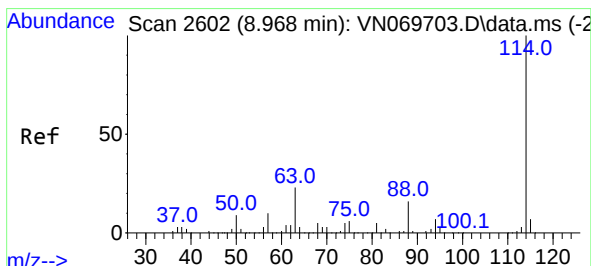
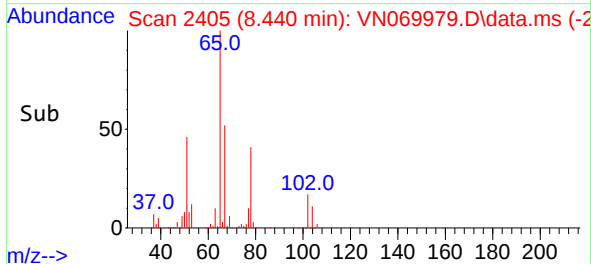
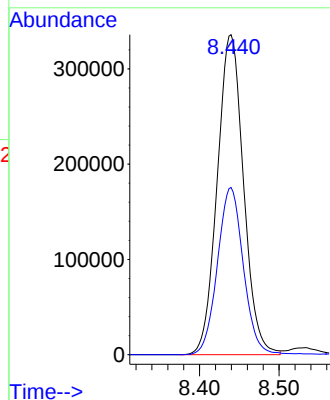
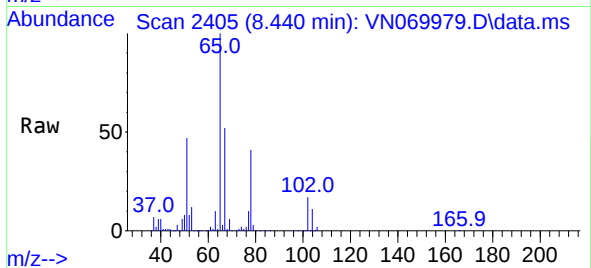
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069979.D

Acq: 11 Dec 2021 1:19

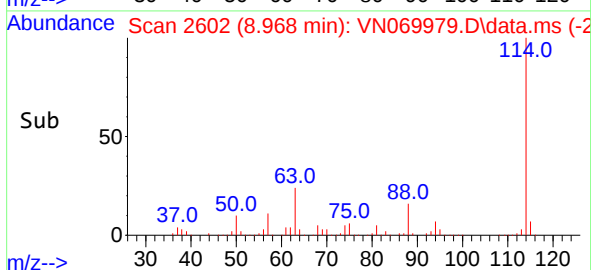
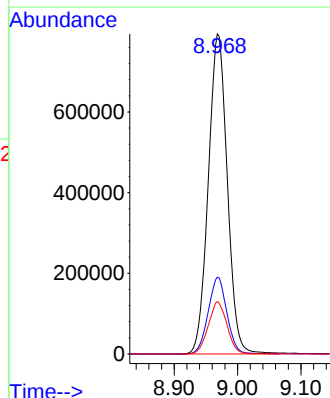
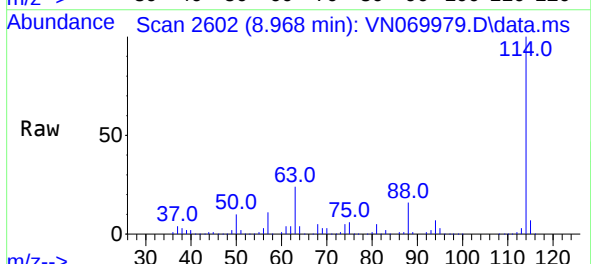
Tgt Ion:114 Resp: 1650659

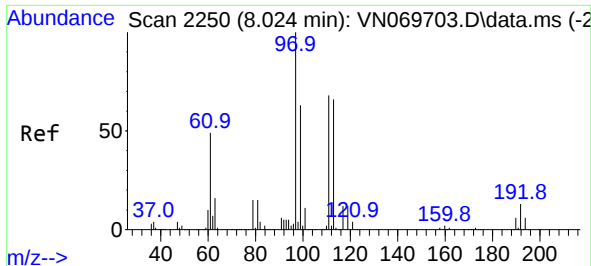
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

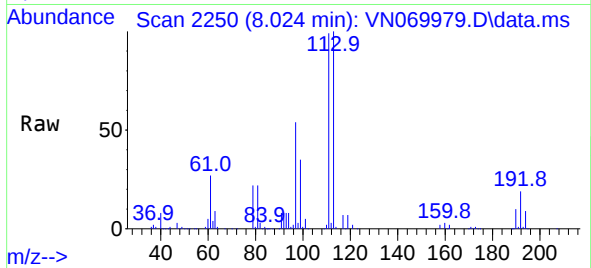
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.430 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

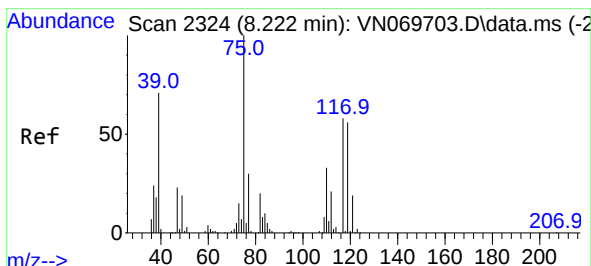
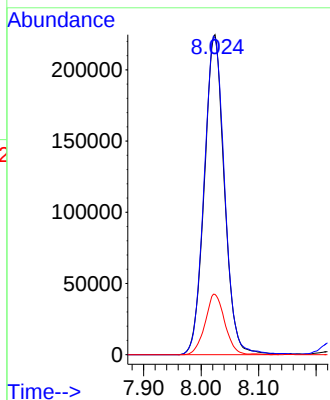
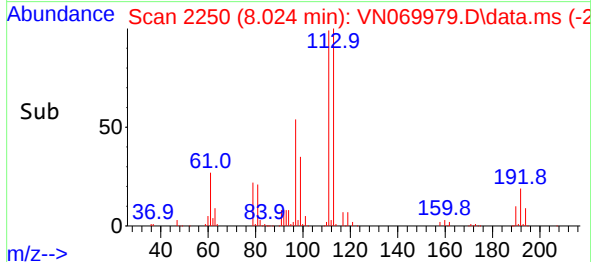
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



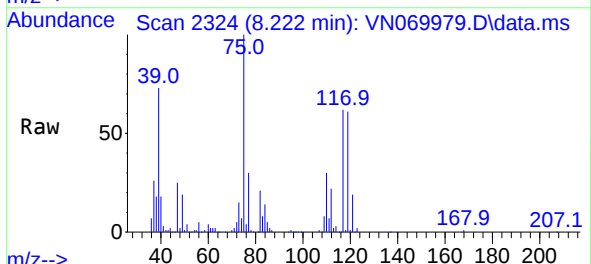
Tgt Ion: 113 Resp: 542092
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 18.6 16.9 25.3

Manual Integrations
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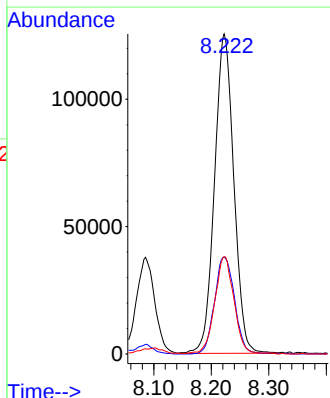
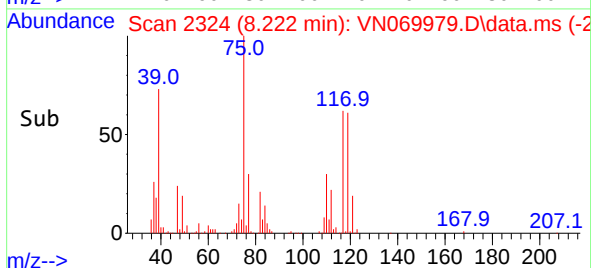
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

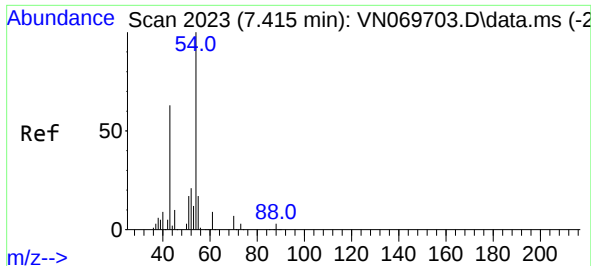


#36
1,1-Dichloropropene
Concen: 18.605 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



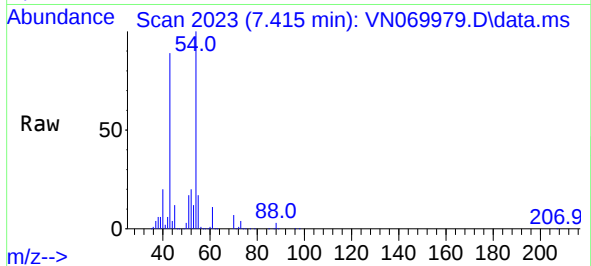
Tgt Ion: 75 Resp: 292348
Ion Ratio Lower Upper
75 100
110 31.5 18.4 55.2
77 30.1 24.4 36.6





#37
Ethyl Acetate
Concen: 17.093 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

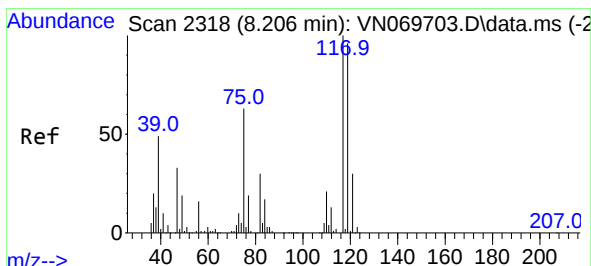
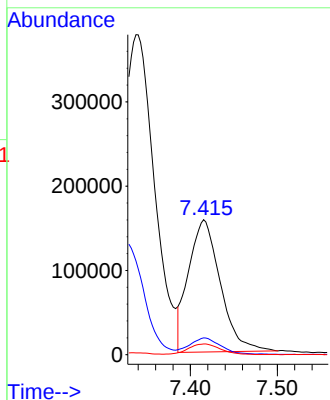
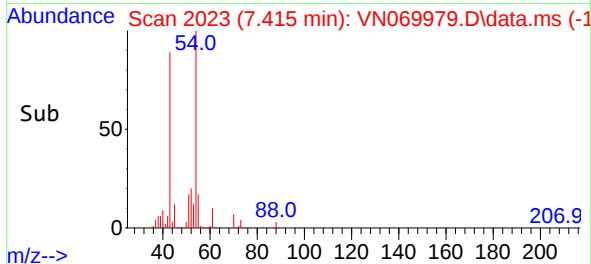
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



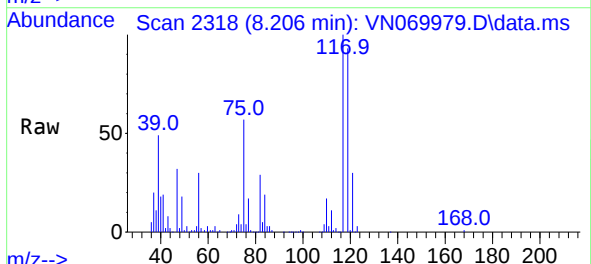
Tgt Ion: 43 Resp: 399776
Ion Ratio Lower Upper
43 100
61 11.8 11.5 17.3
70 7.9 7.9 11.9

Manual Integrations
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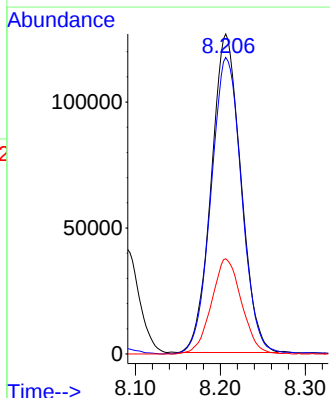
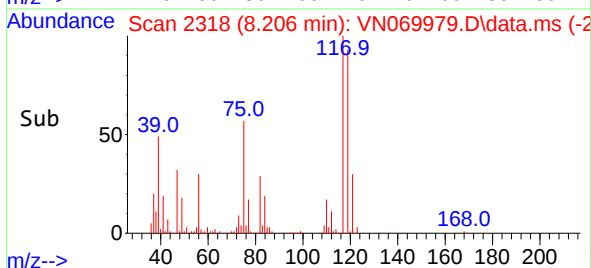
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

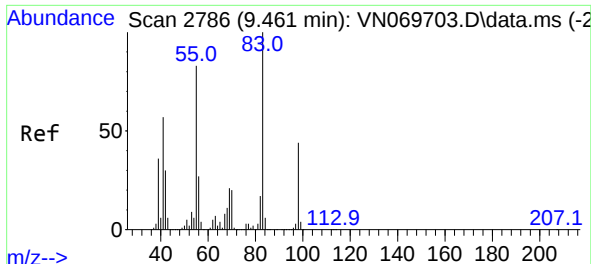


#38
Carbon Tetrachloride
Concen: 19.863 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



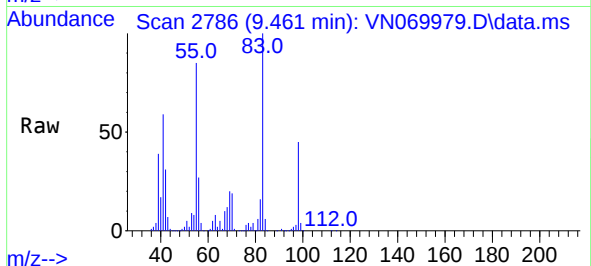
Tgt Ion:117 Resp: 306068
Ion Ratio Lower Upper
117 100
119 92.8 76.1 114.1
121 29.7 24.2 36.2





#39
Methylcyclohexane
Concen: 17.381 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

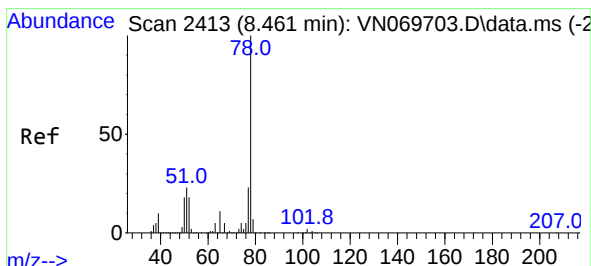
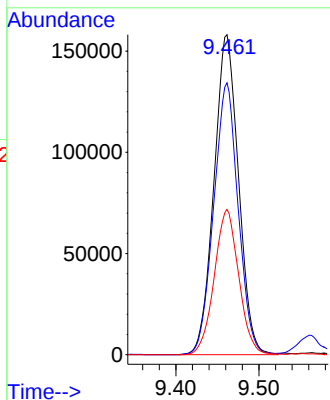
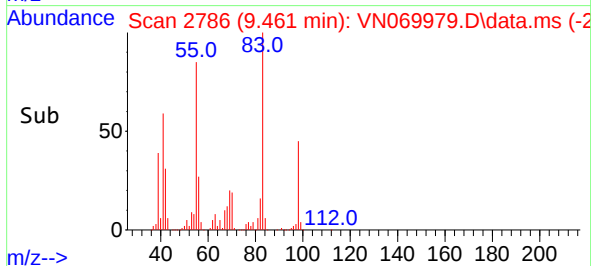
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



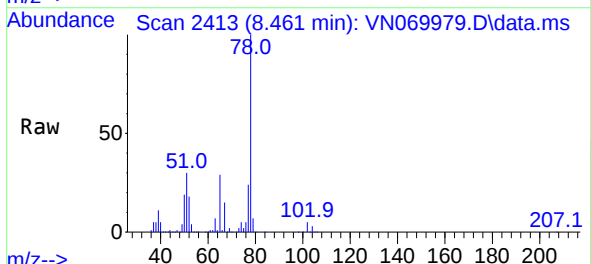
Tgt Ion: 83 Resp: 324880
Ion Ratio Lower Upper
83 100
55 84.9 58.1 87.1
98 45.4 38.4 57.6

Manual Integrations
APPROVED

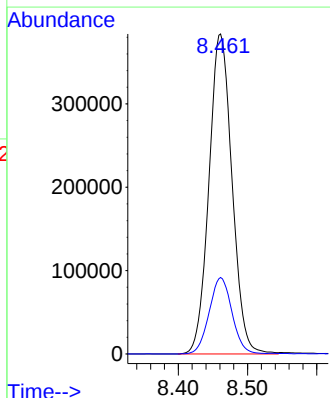
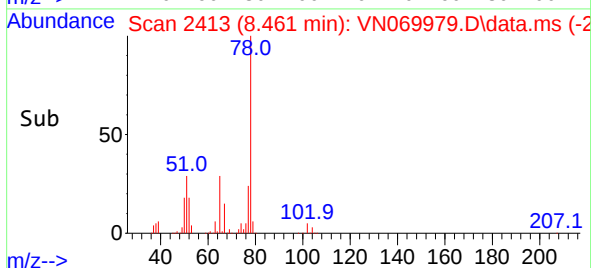
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

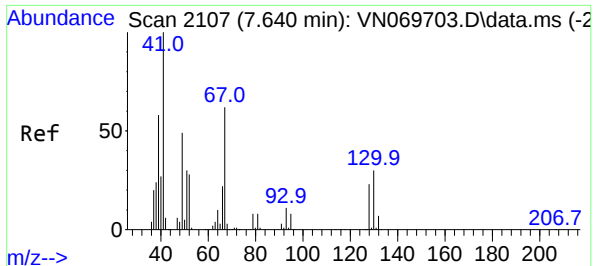


#40
Benzene
Concen: 18.504 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



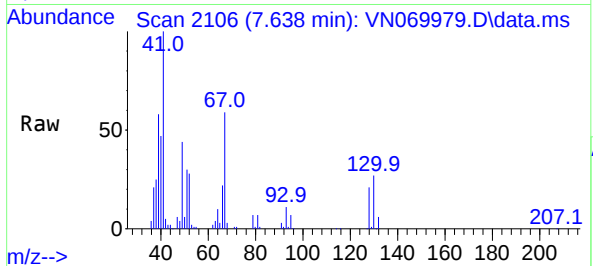
Tgt Ion: 78 Resp: 888747
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 18.584 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

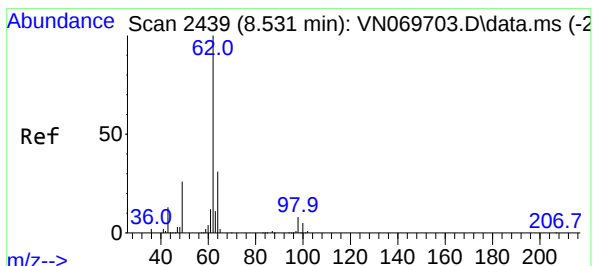
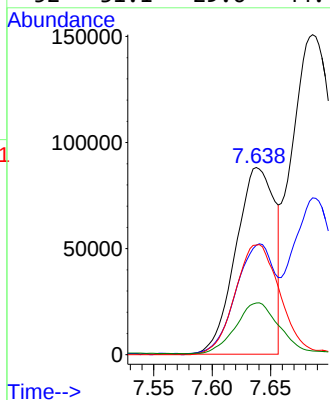
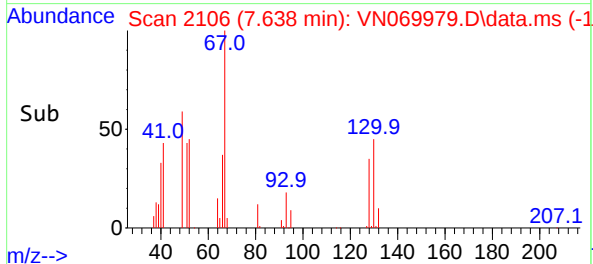
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



Tgt Ion: 41 Resp: 204038
Ion Ratio Lower Upper
41 100
39 58.6 48.1 72.1
67 69.1 68.3 102.5
52 31.1 29.6 44.4

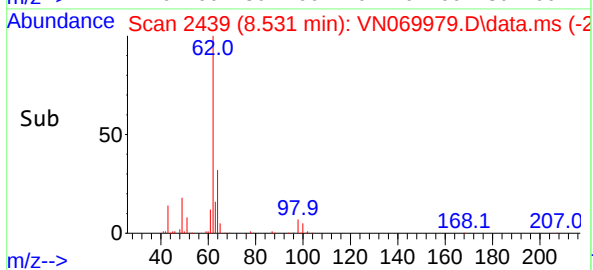
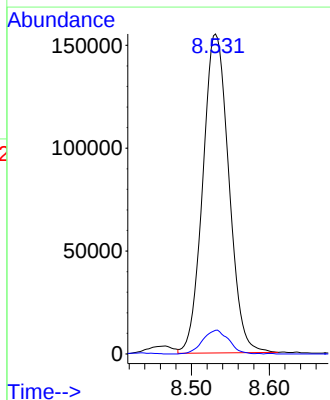
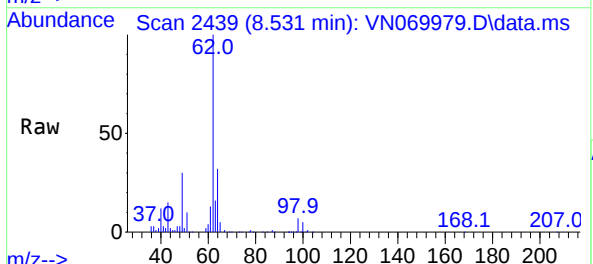
Manual Integrations
APPROVED

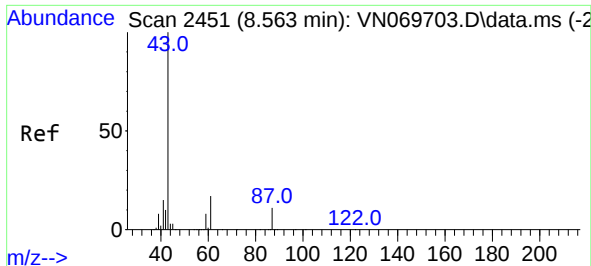
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 18.568 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

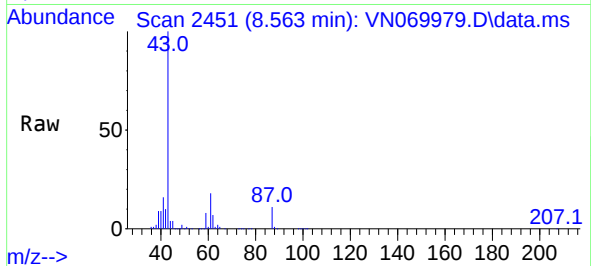
Tgt Ion: 62 Resp: 360012
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.305 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

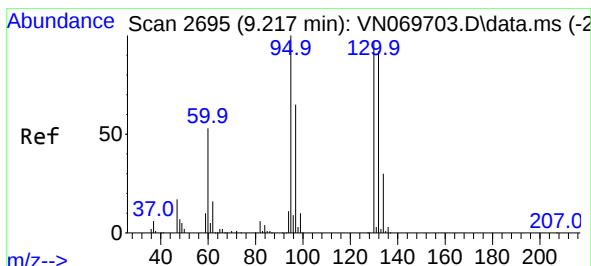
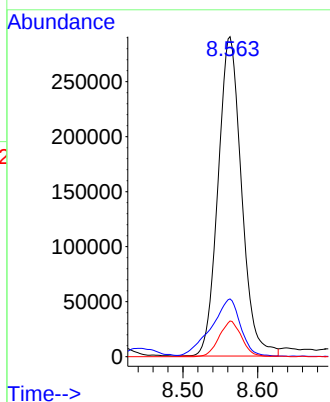
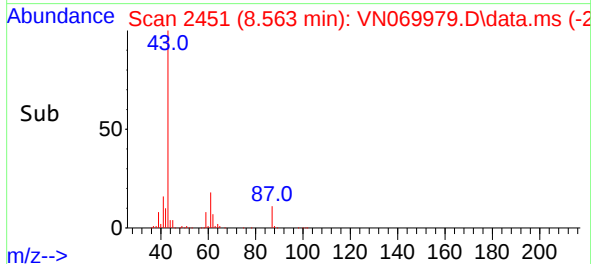
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



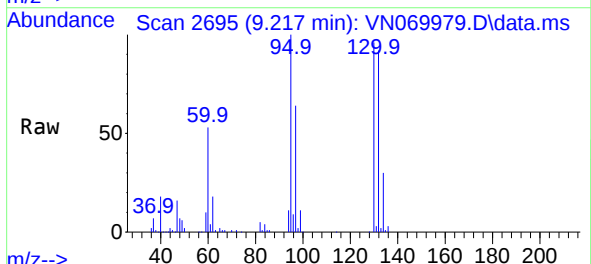
Tgt Ion: 43 Resp: 633554
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.7 11.2 16.8

Manual Integrations
APPROVED

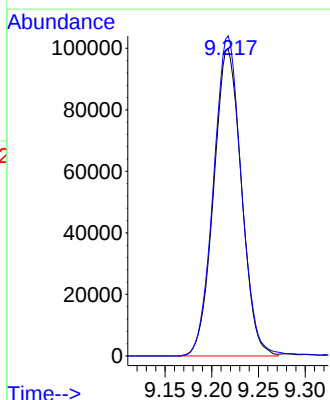
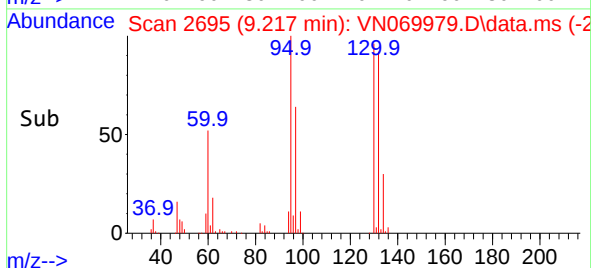
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

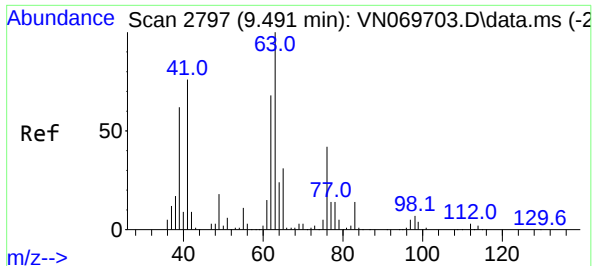


#44
Trichloroethene
Concen: 17.999 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



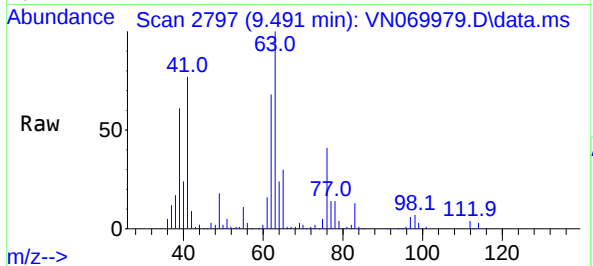
Tgt Ion:130 Resp: 206339
Ion Ratio Lower Upper
130 100
95 104.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 19.081 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

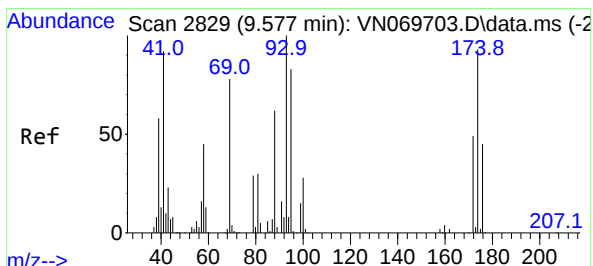
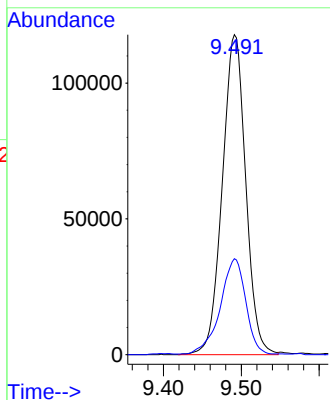
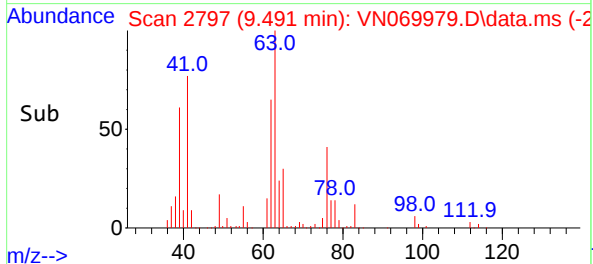
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



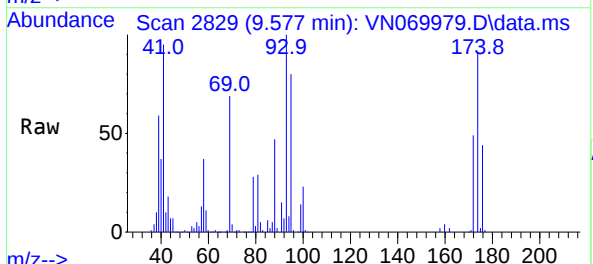
Tgt Ion: 63 Resp: 246104
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1

Manual Integrations
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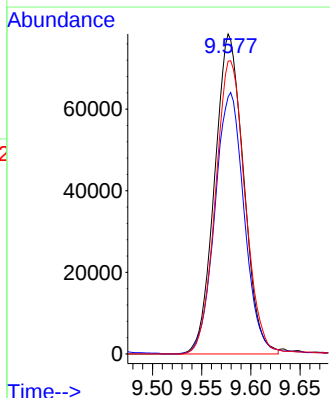
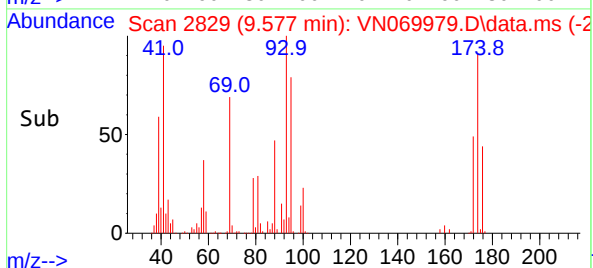
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

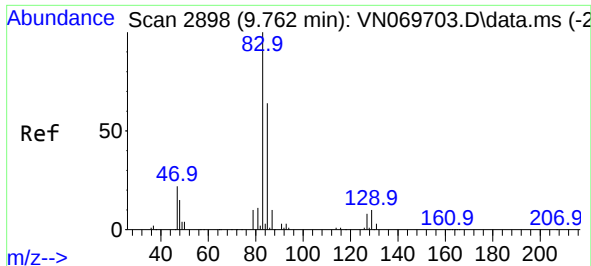


#46
Dibromomethane
Concen: 18.991 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



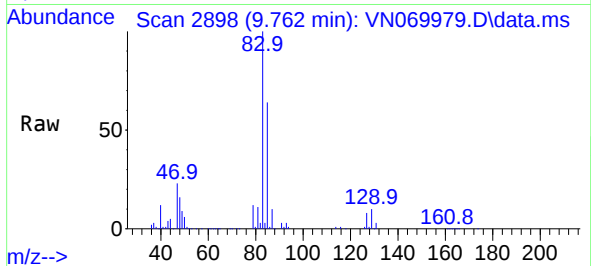
Tgt Ion: 93 Resp: 160644
Ion Ratio Lower Upper
93 100
95 83.5 65.9 98.9
174 94.4 84.6 127.0





#47
Bromodichloromethane
Concen: 20.887 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

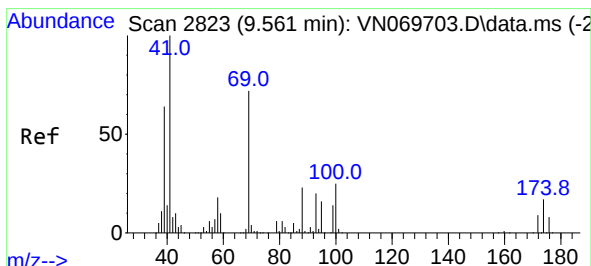
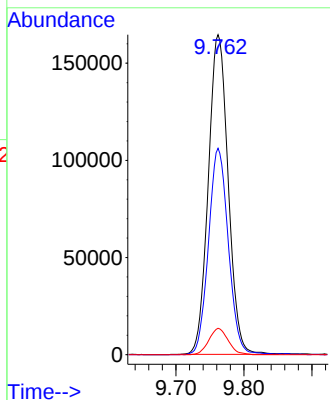
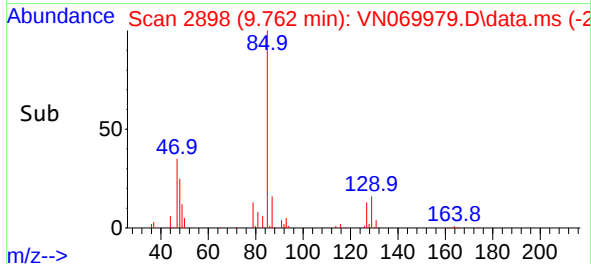
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



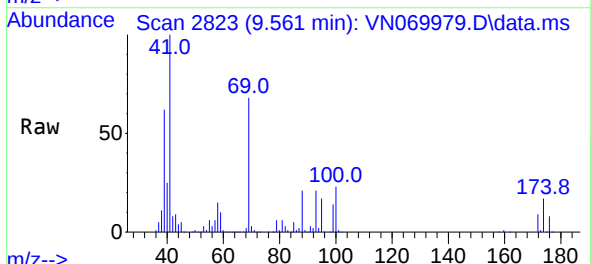
Tgt Ion: 83 Resp: 33452
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 8.3 7.1 10.7

Manual Integrations
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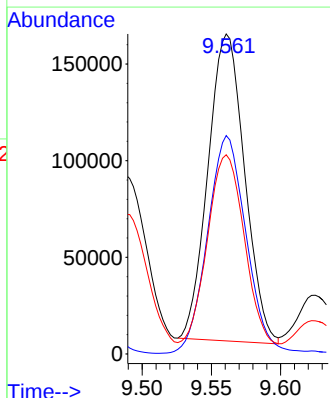
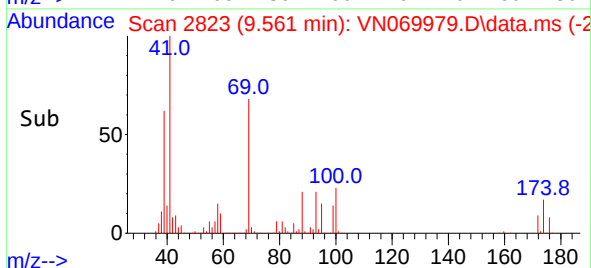
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

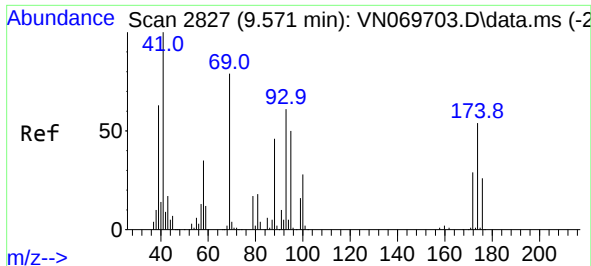


#48
Methyl methacrylate
Concen: 18.114 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



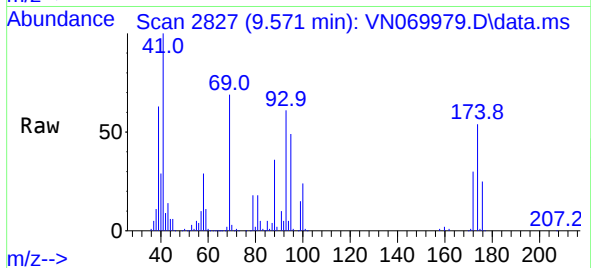
Tgt Ion: 41 Resp: 292574
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 62.2 58.4 87.6





#49
1,4-Dioxane
Concen: 311.842 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

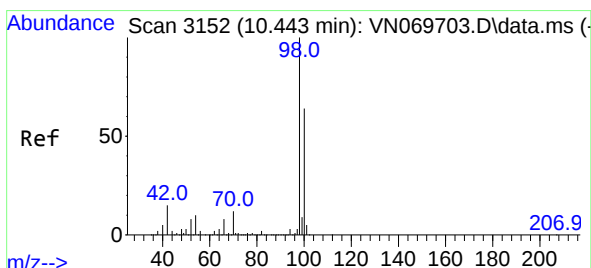
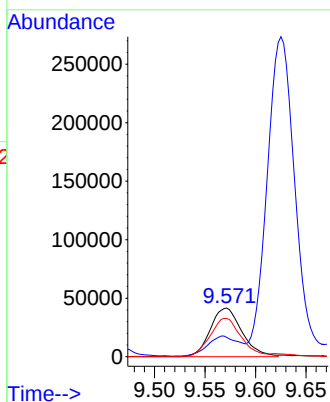
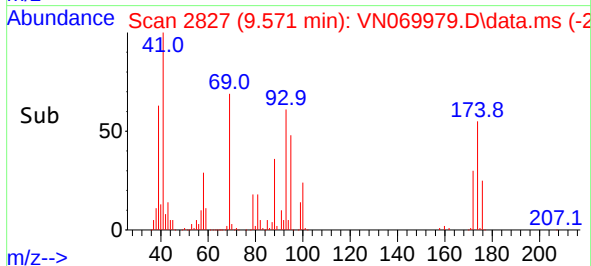
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



Tgt Ion: 88 Resp: 90370
Ion Ratio Lower Upper
88 100
43 40.8 23.4 35.2
58 77.4 50.6 75.8

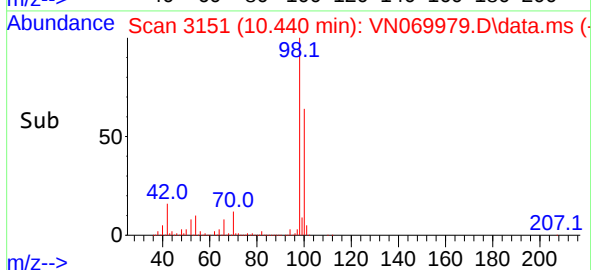
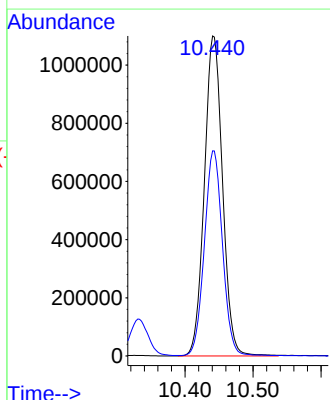
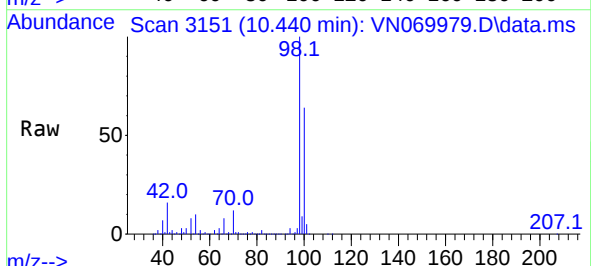
Manual Integrations
APPROVED

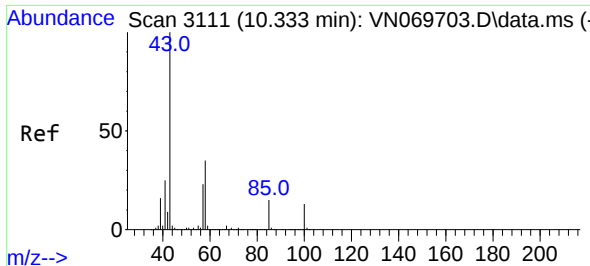
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 49.349 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion: 98 Resp: 2048760
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





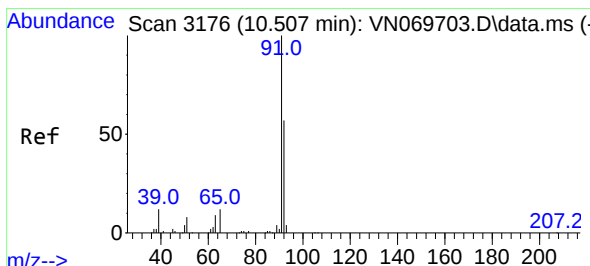
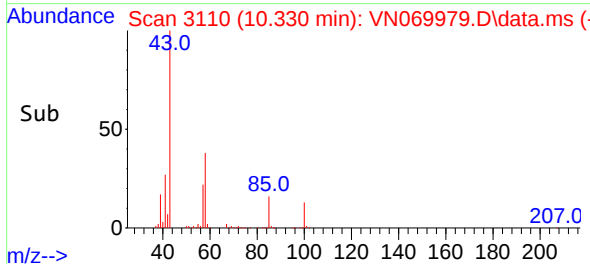
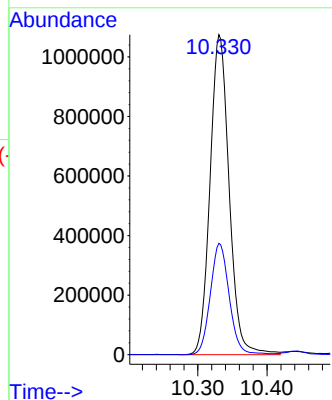
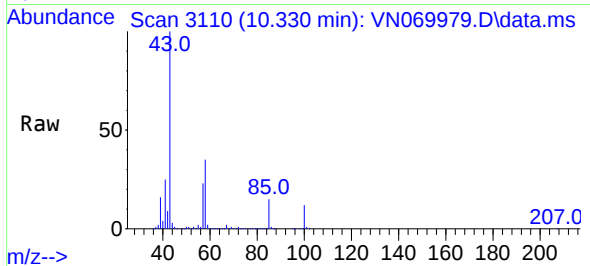
#51
4-Methyl-2-Pentanone
Concen: 91.655 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion: 43 Resp: 205789
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

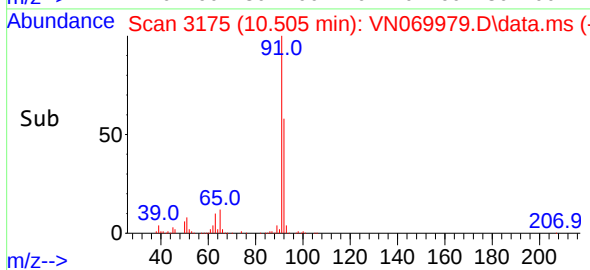
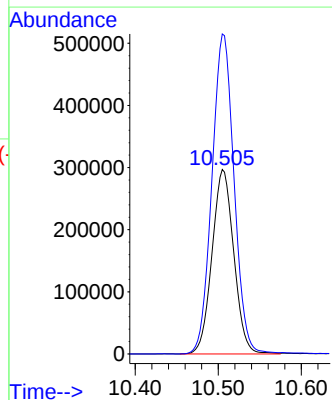
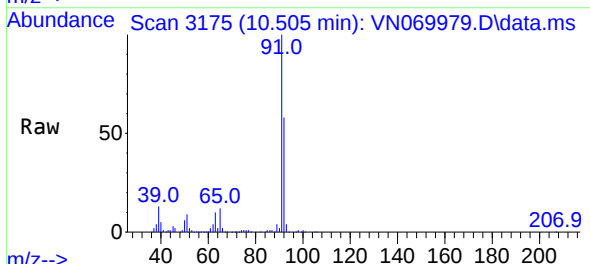
Manual Integrations
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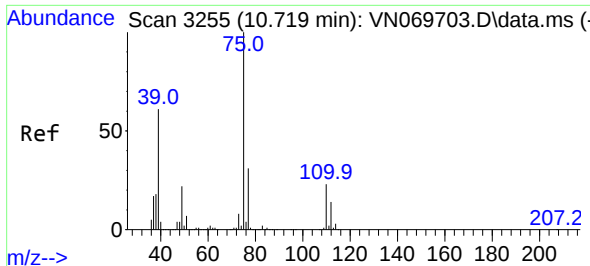
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 18.430 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion: 92 Resp: 540444
Ion Ratio Lower Upper
92 100
91 176.3 142.0 213.0





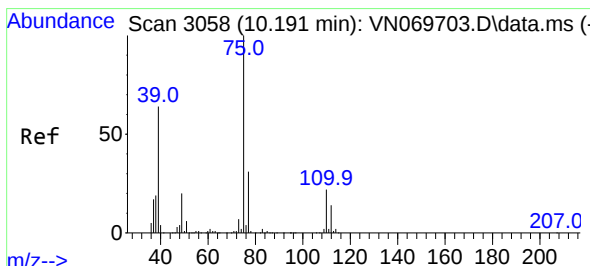
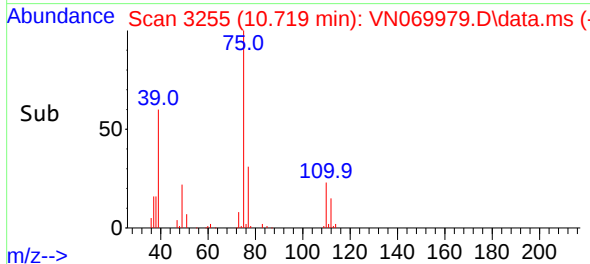
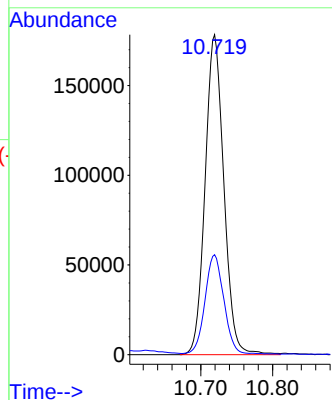
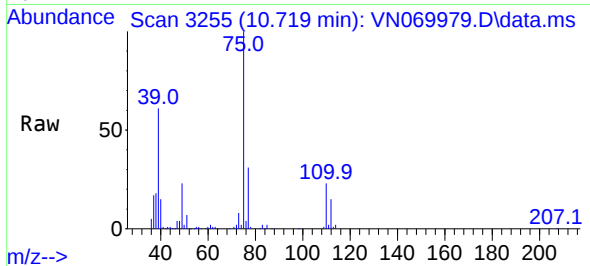
#53
 t-1,3-Dichloropropene
 Concen: 18.648 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN069979.D
 Acq: 11 Dec 2021 1:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS02

Tgt Ion: 75 Resp: 32352
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4

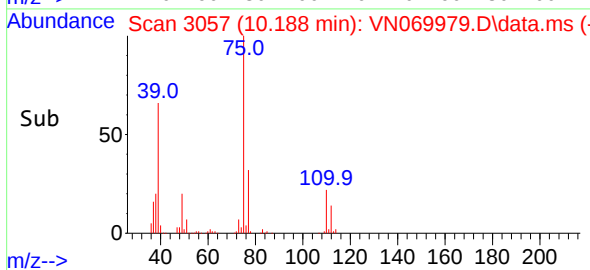
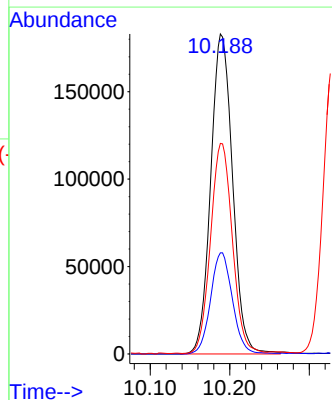
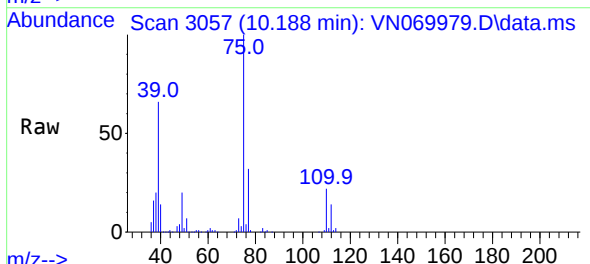
Manual Integrations
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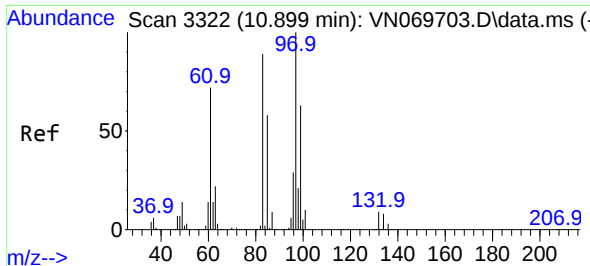
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#54
 cis-1,3-Dichloropropene
 Concen: 18.599 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.003 min
 Lab File: VN069979.D
 Acq: 11 Dec 2021 1:19

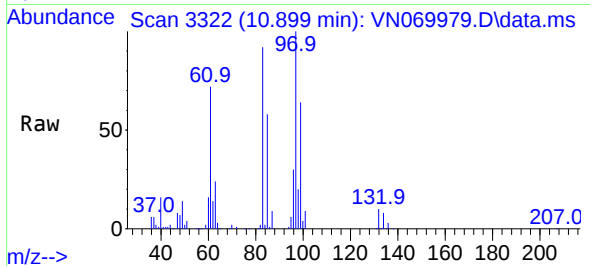
Tgt Ion: 75 Resp: 349626
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.4 39.6
 39 65.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 18.804 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

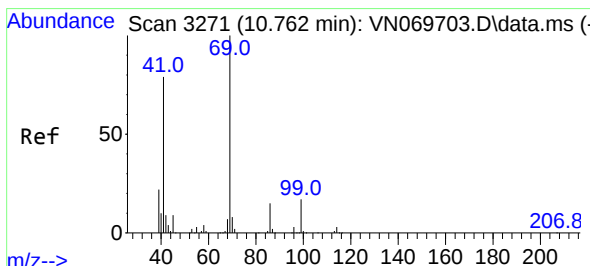
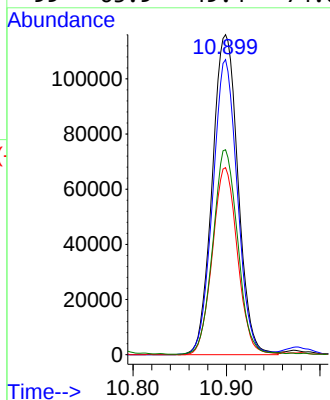
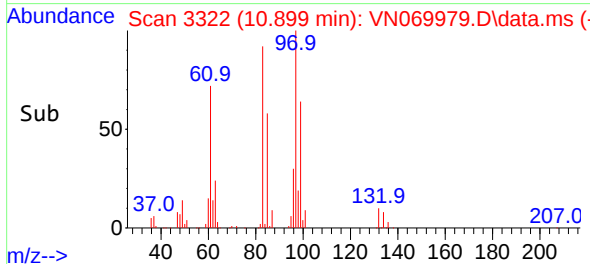
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



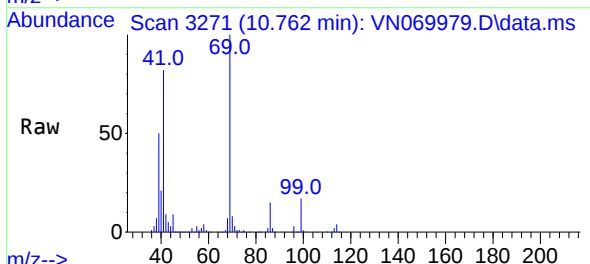
Tgt Ion: 97 Resp: 222484
Ion Ratio Lower Upper
97 100
83 92.0 67.8 101.6
85 58.5 45.4 68.2
99 63.9 49.4 74.0

Manual Integrations
APPROVED

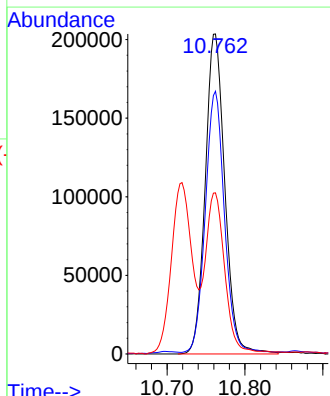
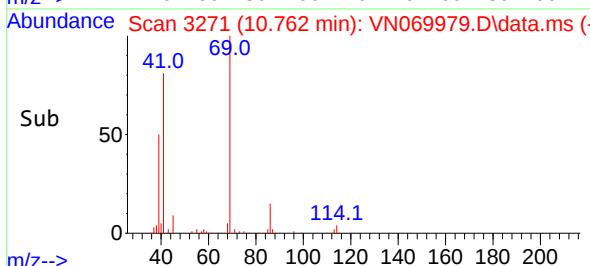
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

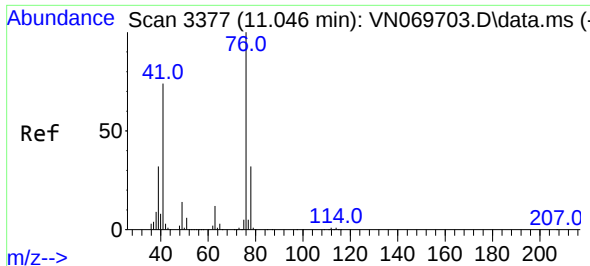


#56
Ethyl methacrylate
Concen: 17.505 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



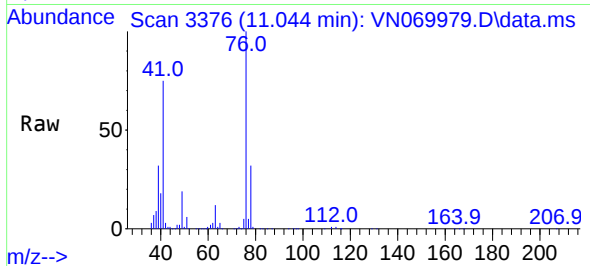
Tgt Ion: 69 Resp: 356146
Ion Ratio Lower Upper
69 100
41 79.8 51.4 77.0#
39 46.3 34.6 52.0





#57
1,3-Dichloropropane
Concen: 18.809 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

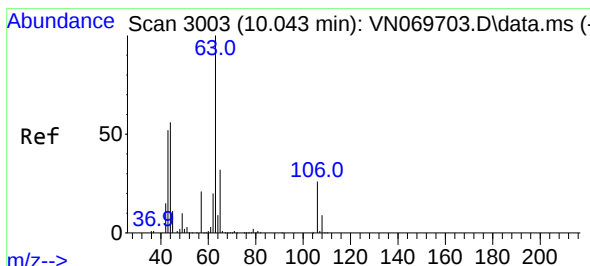
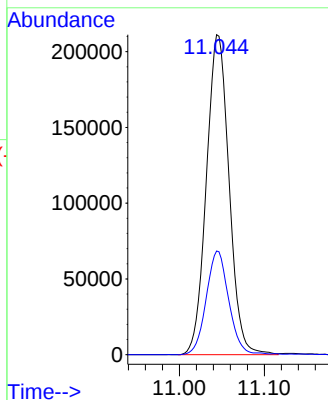
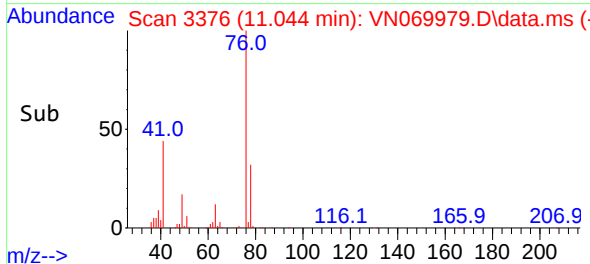
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



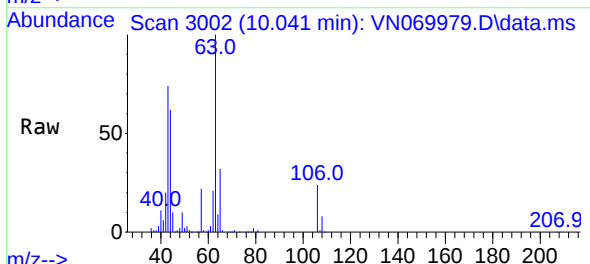
Tgt Ion: 76 Resp: 39184
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

Manual Integrations
APPROVED

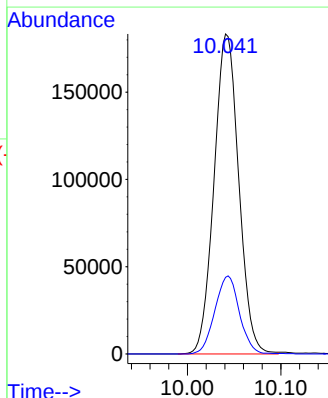
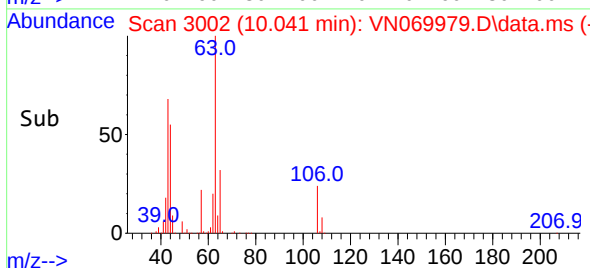
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

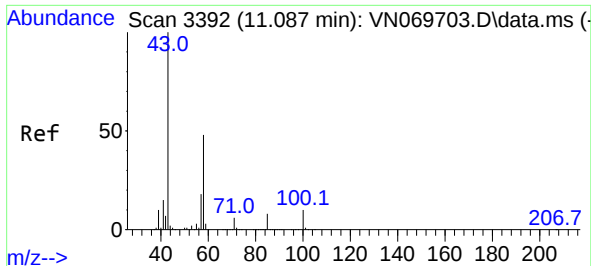


#58
2-Chloroethyl Vinyl ether
Concen: 70.185 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



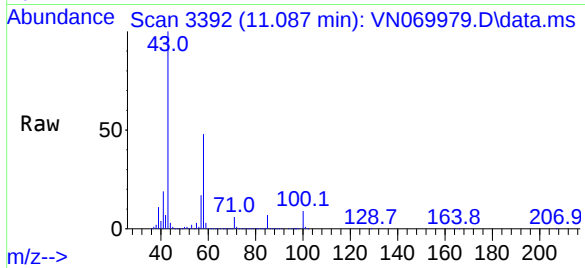
Tgt Ion: 63 Resp: 337047
Ion Ratio Lower Upper
63 100
106 24.2 23.9 35.9





#59
2-Hexanone
Concen: 84.264 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

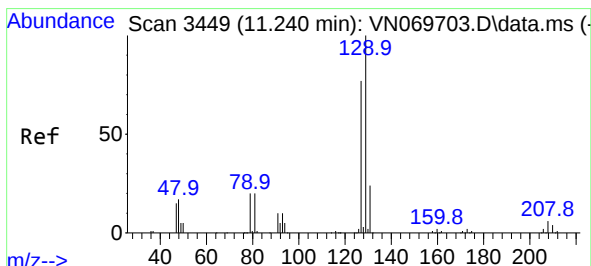
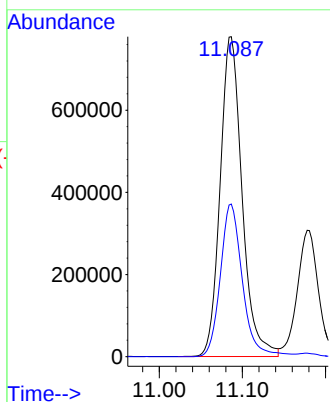
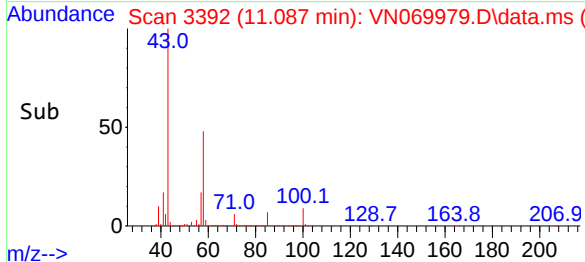
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



Tgt Ion: 43 Resp: 143119
Ion Ratio Lower Upper
43 100
58 48.0 26.9 80.7

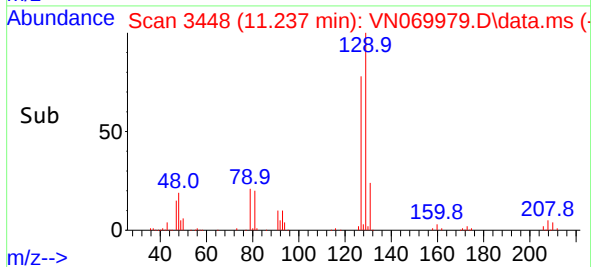
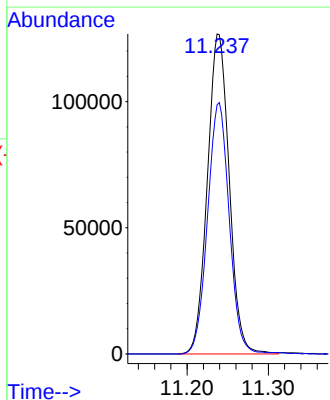
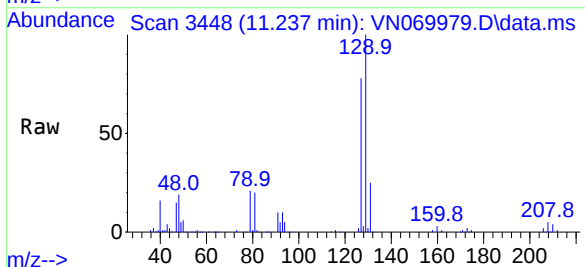
Manual Integrations
APPROVED

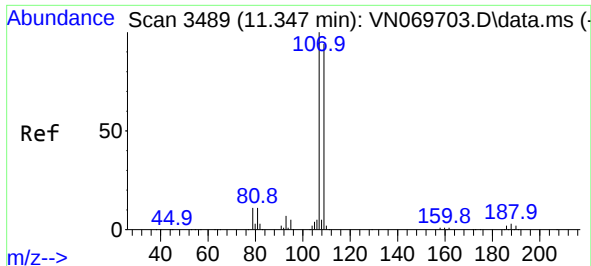
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 20.161 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion:129 Resp: 236700
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





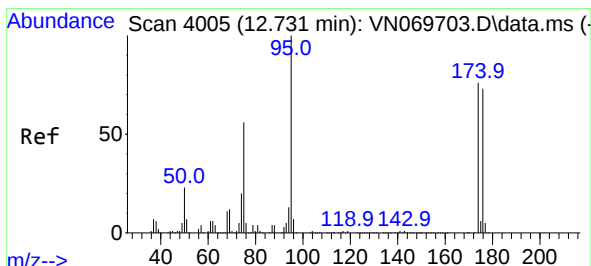
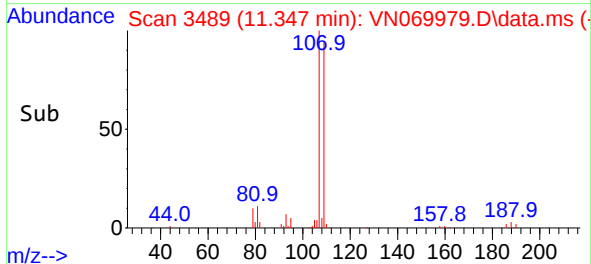
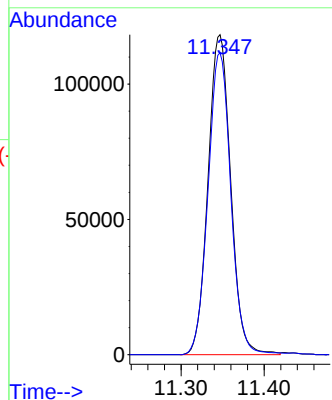
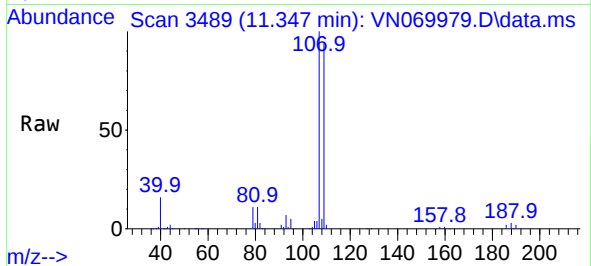
#61
1,2-Dibromoethane
Concen: 18.296 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:107 Resp: 224200
Ion Ratio Lower Upper
107 100
109 94.9 75.7 113.5

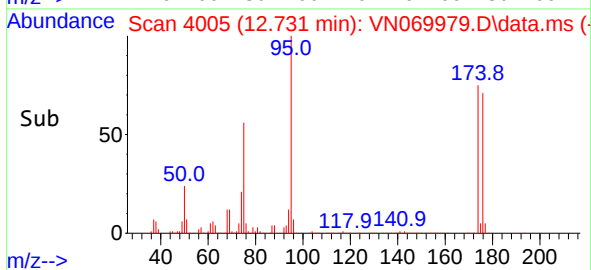
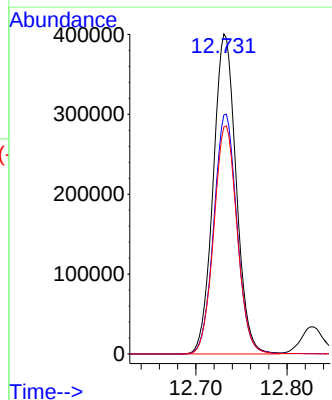
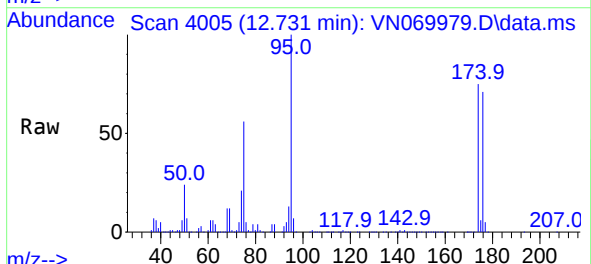
Manual Integrations
APPROVED

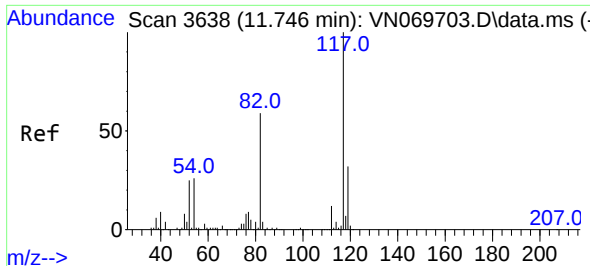
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 46.598 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

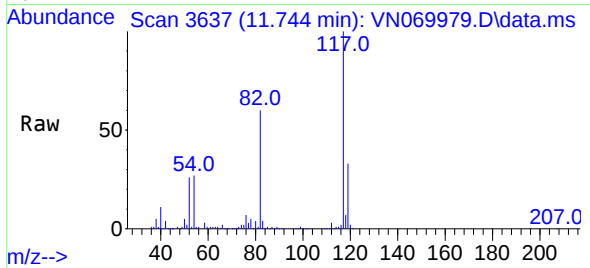
Tgt Ion: 95 Resp: 700855
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

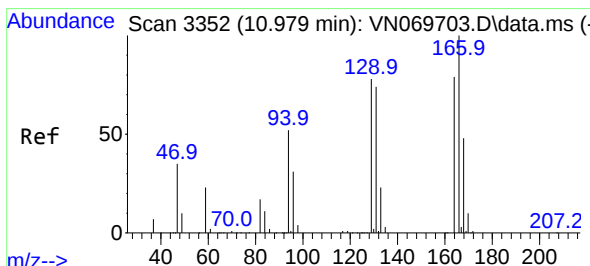
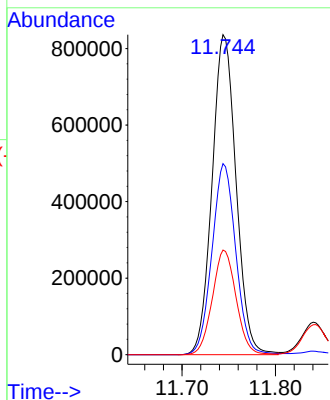
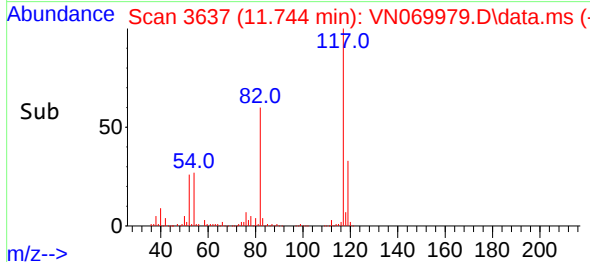
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



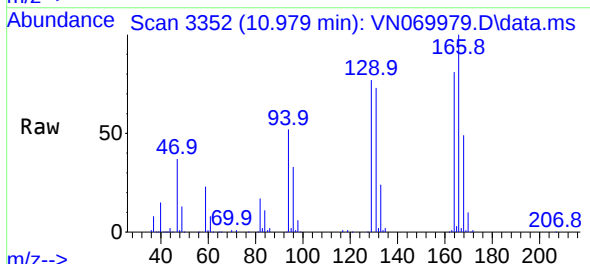
Tgt Ion:117 Resp: 1494762
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.7 25.4 38.2

Manual Integrations
APPROVED

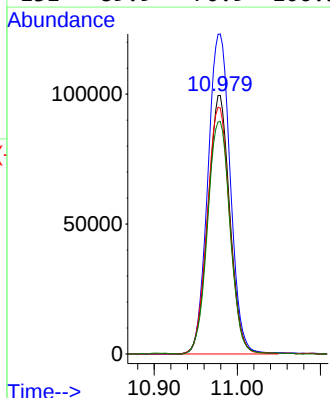
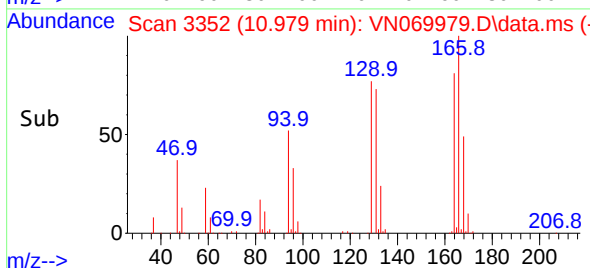
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

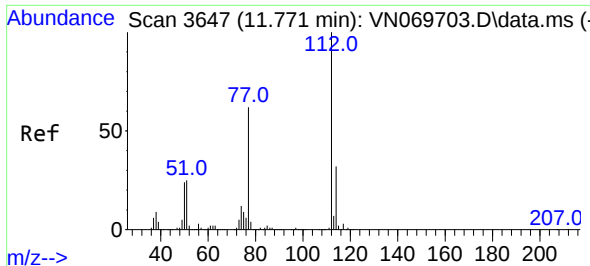


#64
Tetrachloroethene
Concen: 18.022 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



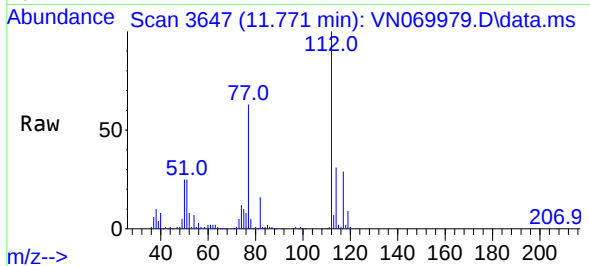
Tgt Ion:164 Resp: 182659
Ion Ratio Lower Upper
164 100
166 123.8 101.9 152.9
129 95.1 72.0 108.0
131 89.9 70.9 106.3





#65
Chlorobenzene
Concen: 18.565 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

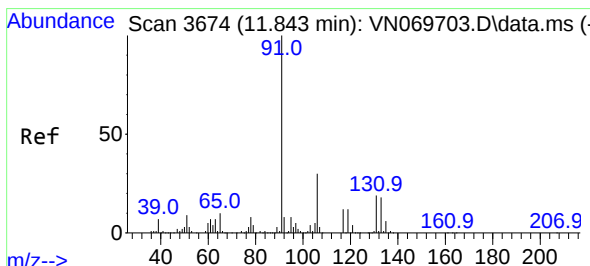
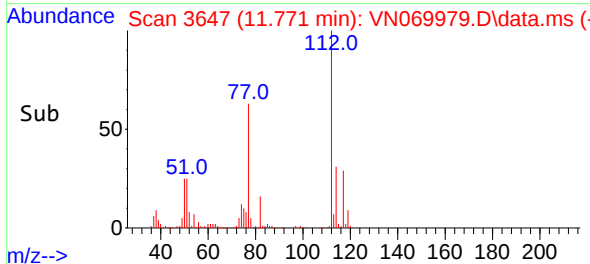
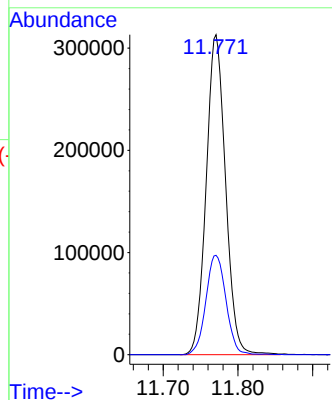
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



Tgt Ion:112 Resp: 562968
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

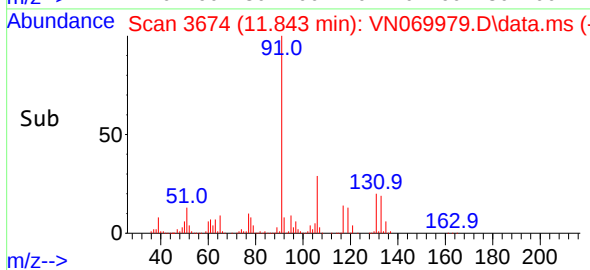
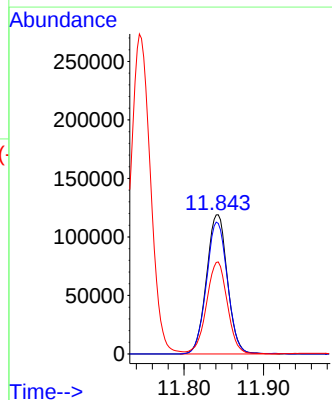
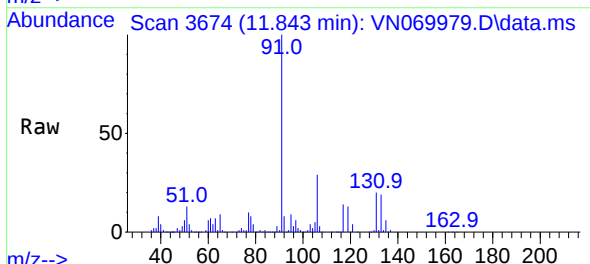
Manual Integrations
APPROVED

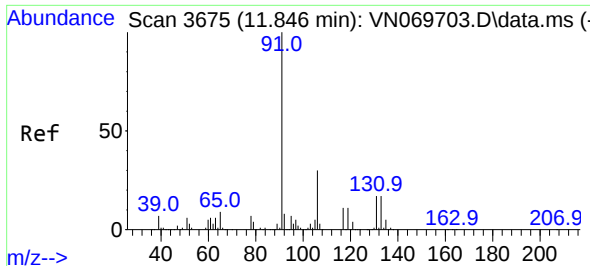
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.392 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

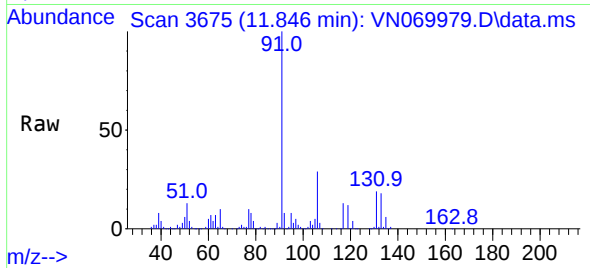
Tgt Ion:131 Resp: 217643
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 65.8 32.1 96.5





#67
Ethyl Benzene
Concen: 18.727 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

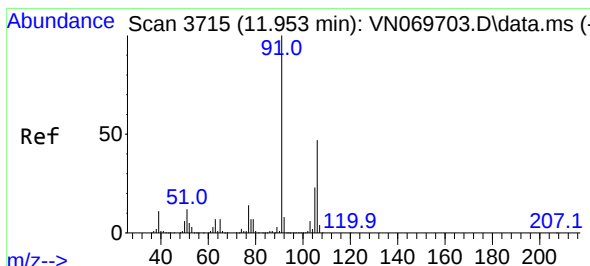
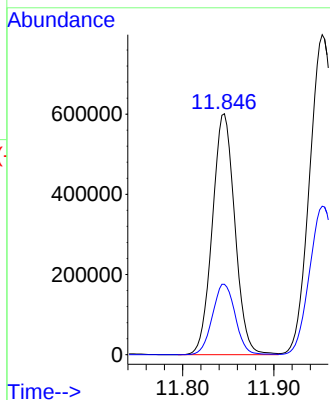
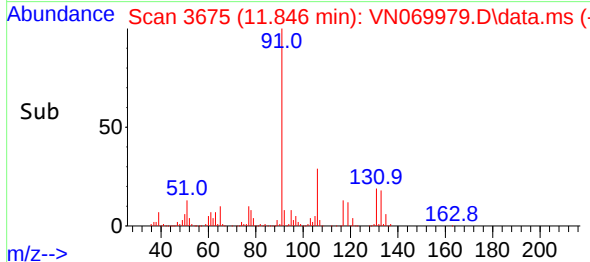
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



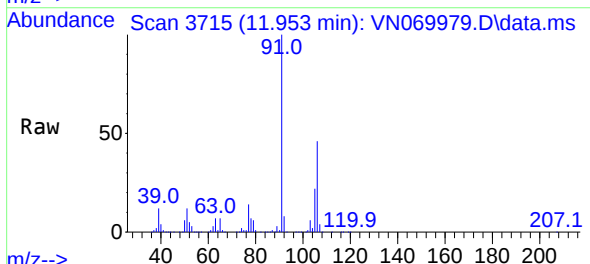
Tgt Ion: 91 Resp: 103155
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5

Manual Integrations
APPROVED

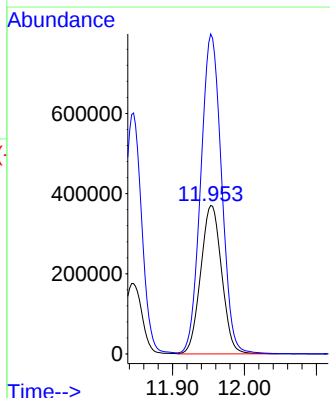
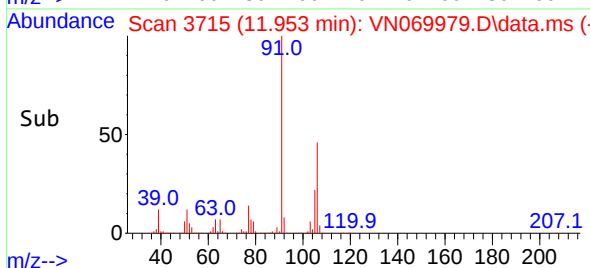
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

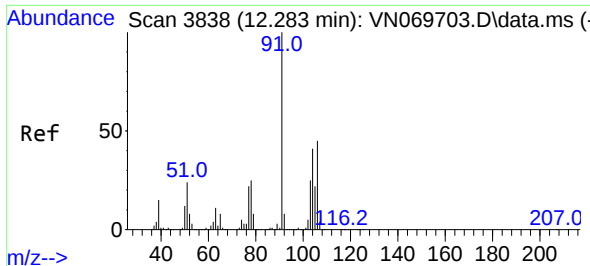


#68
m/p-Xylenes
Concen: 37.443 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



Tgt Ion:106 Resp: 750962
Ion Ratio Lower Upper
106 100
91 213.9 160.6 240.8





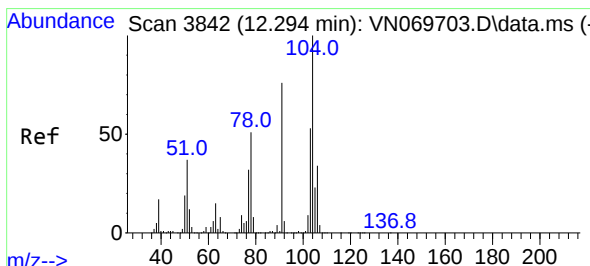
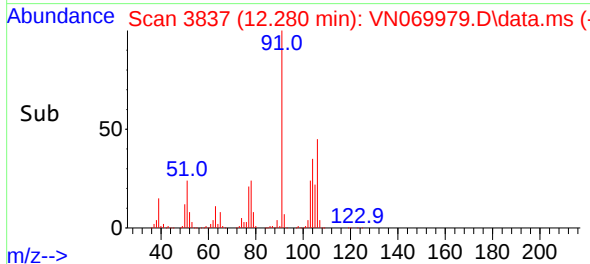
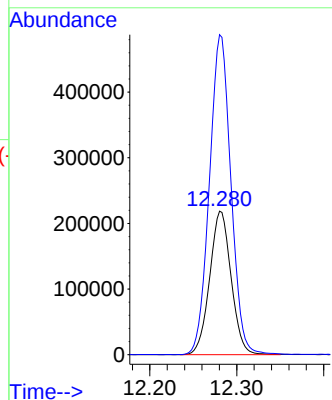
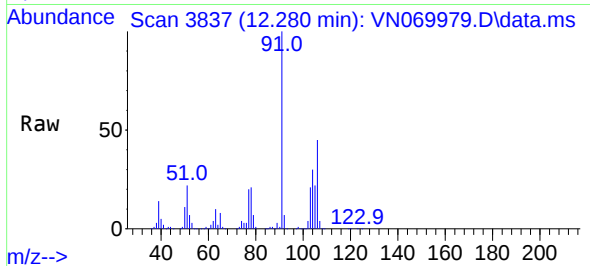
#69
o-Xylene
Concen: 18.520 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:106 Resp: 374135
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3

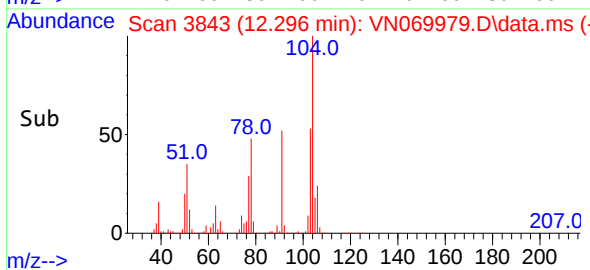
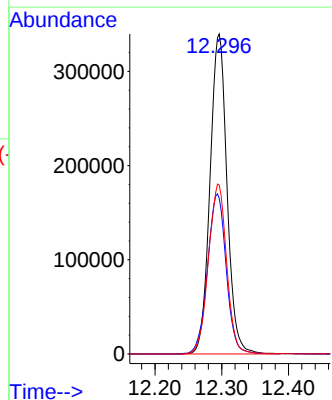
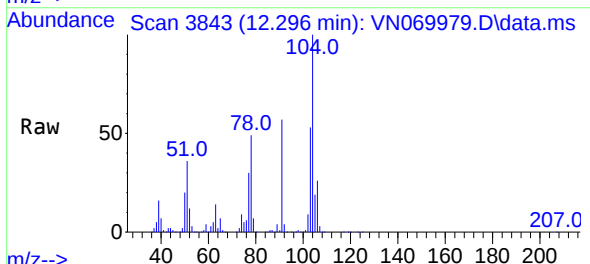
Manual Integrations
APPROVED

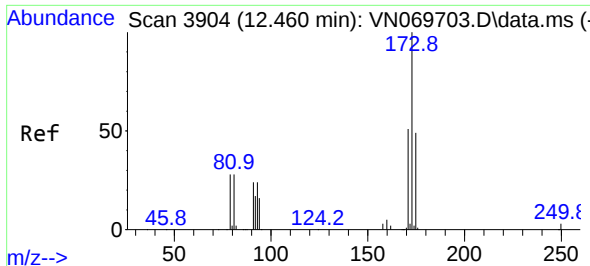
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 18.778 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion:104 Resp: 601546
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 57.0 45.0 67.6





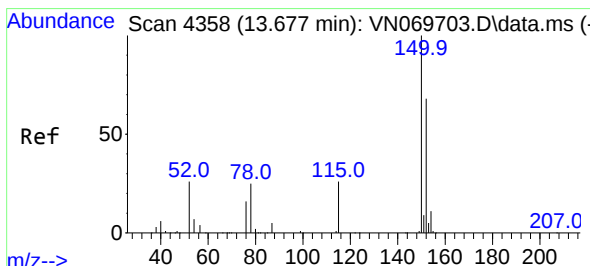
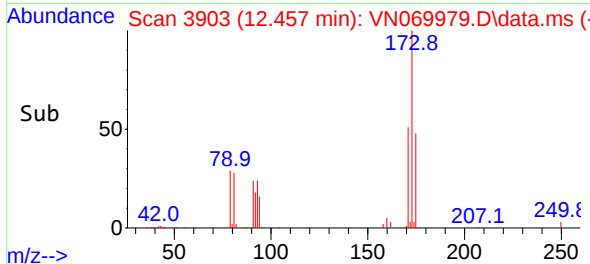
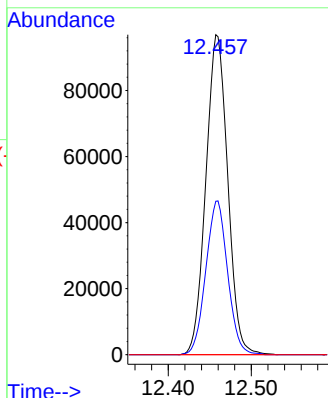
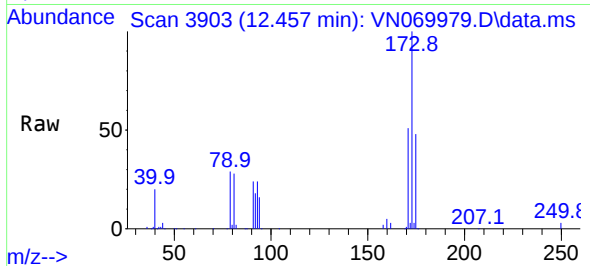
#71
Bromoform
Concen: 21.094 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:173 Resp: 17731
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0

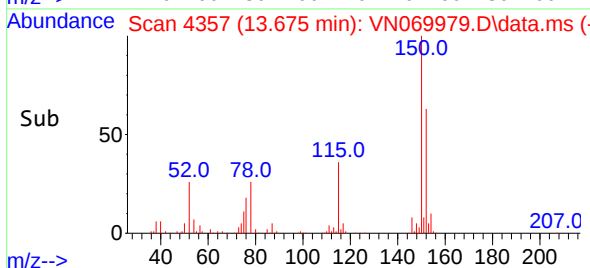
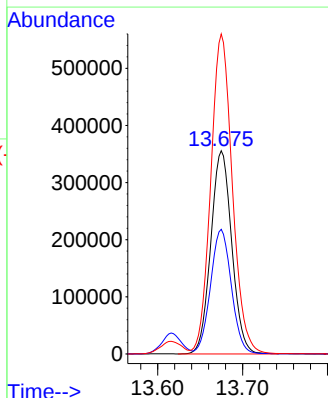
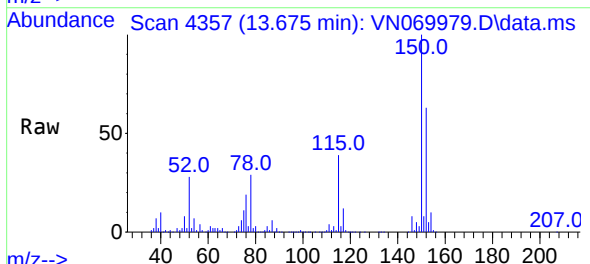
Manual Integrations
APPROVED

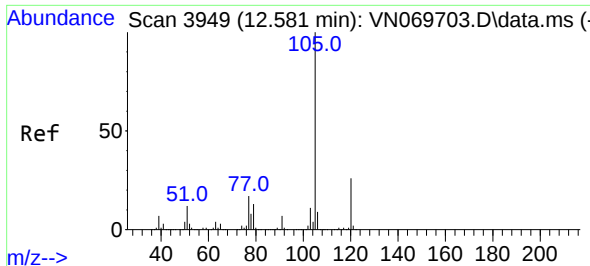
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion:152 Resp: 610570
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 162.0 0.0 344.4





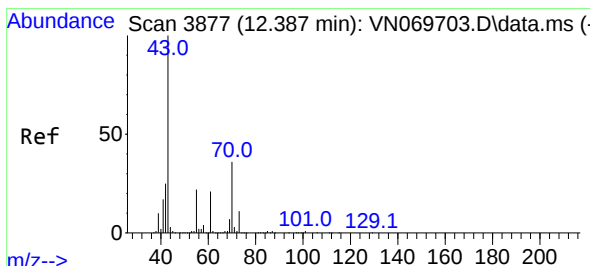
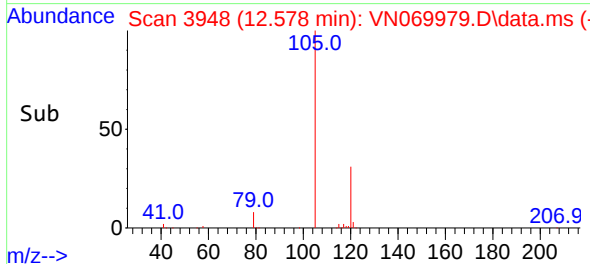
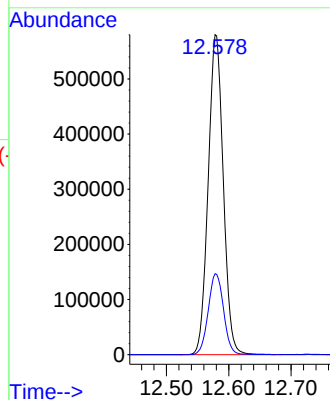
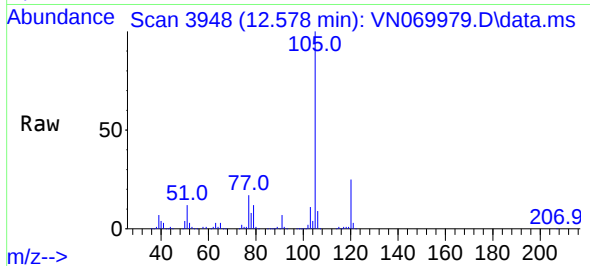
#73
Isopropylbenzene
Concen: 17.962 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:105 Resp: 97573
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

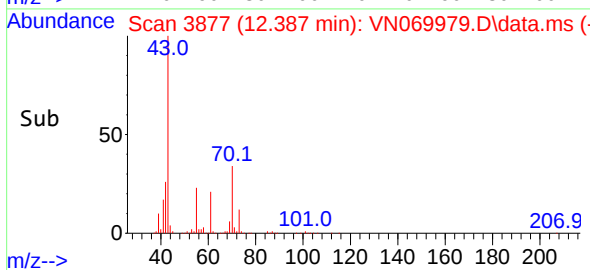
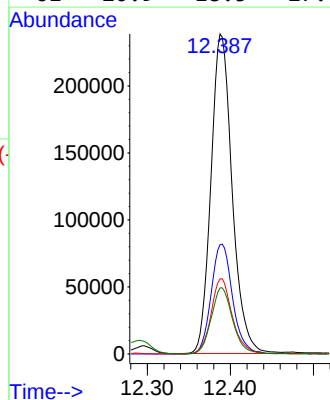
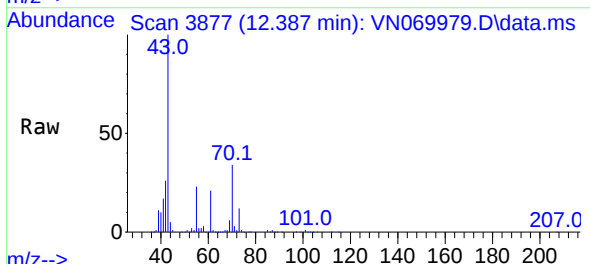
Manual Integrations
APPROVED

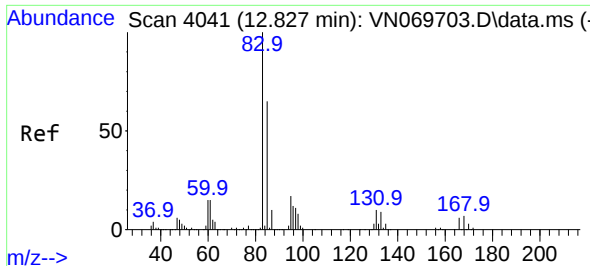
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 17.607 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

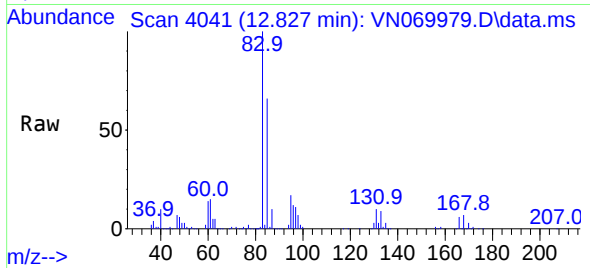
Tgt Ion: 43 Resp: 423001
Ion Ratio Lower Upper
43 100
70 34.7 33.4 50.0
55 23.7 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.672 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

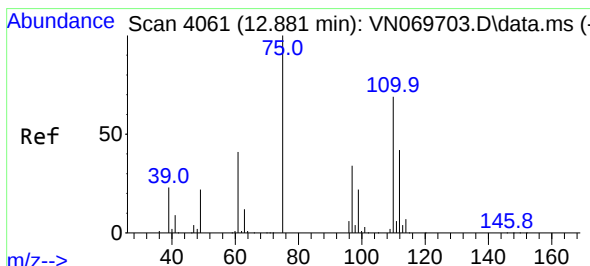
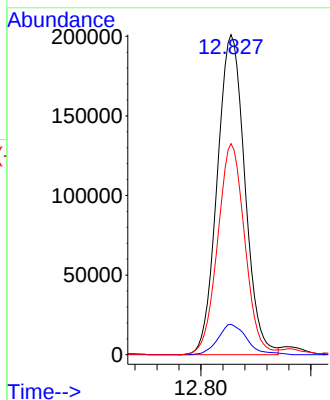
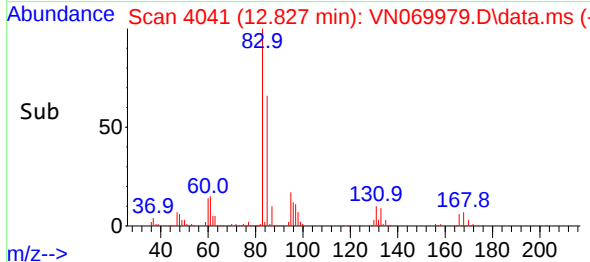
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



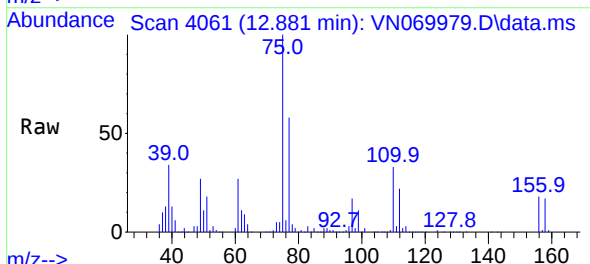
Tgt Ion: 83 Resp: 350750
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.6 32.4 97.2

Manual Integrations
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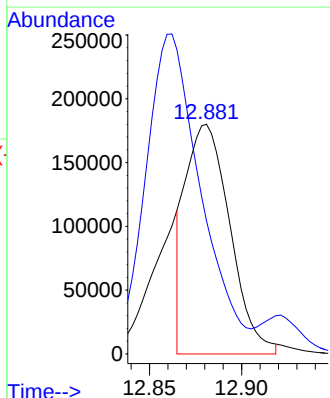
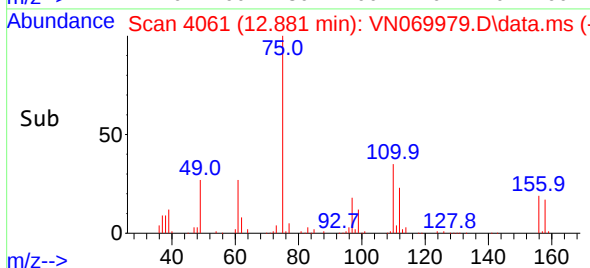
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

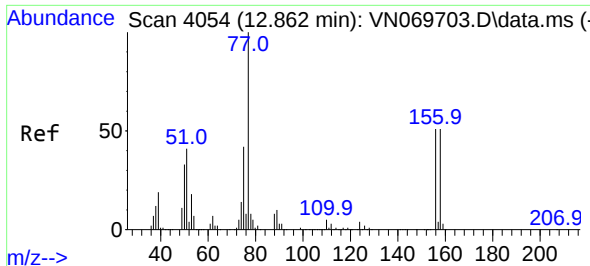


#76
1,2,3-Trichloropropane
Concen: 17.213 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



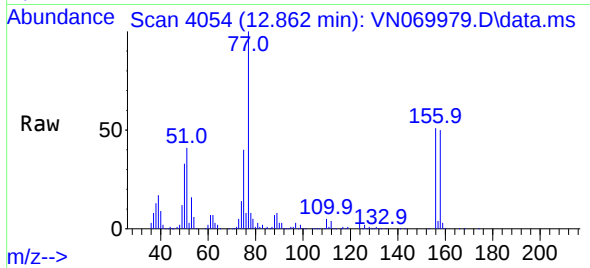
Tgt Ion: 75 Resp: 301401
Ion Ratio Lower Upper
75 100
77 173.5 82.6 247.8





#77
Bromobenzene
Concen: 17.917 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

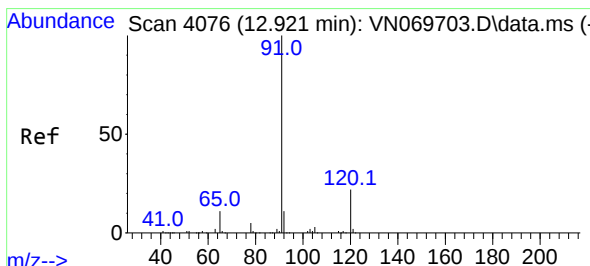
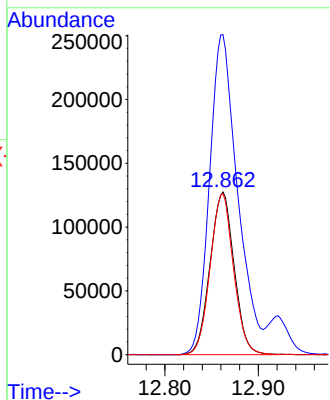
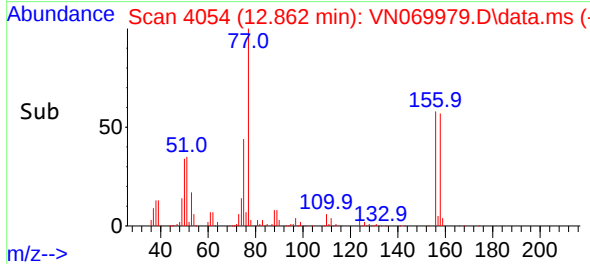
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



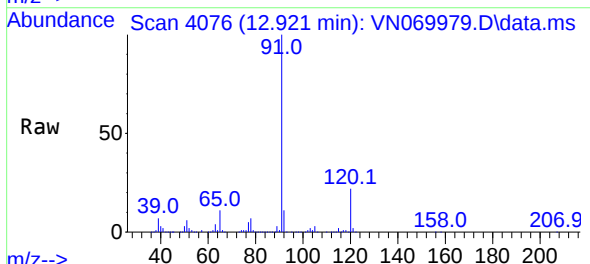
Tgt Ion:156 Resp: 22861
Ion Ratio Lower Upper
156 100
77 228.8 90.6 271.8
158 96.2 48.9 146.7

Manual Integrations
APPROVED

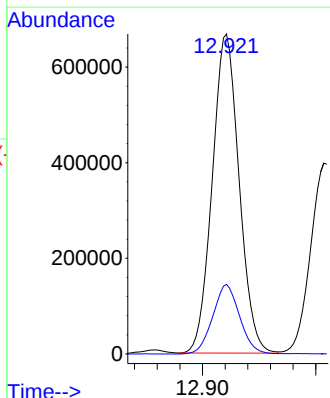
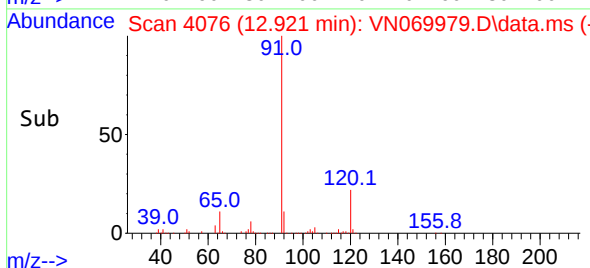
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

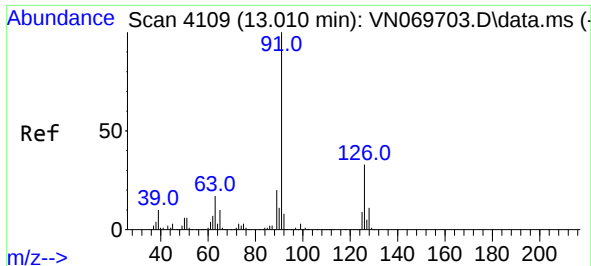


#78
n-propylbenzene
Concen: 18.162 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



Tgt Ion: 91 Resp: 1097904
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





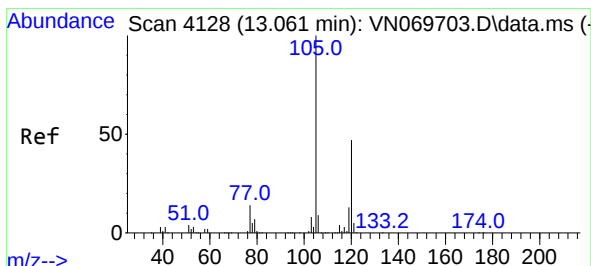
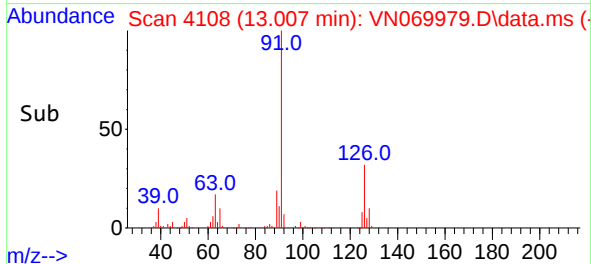
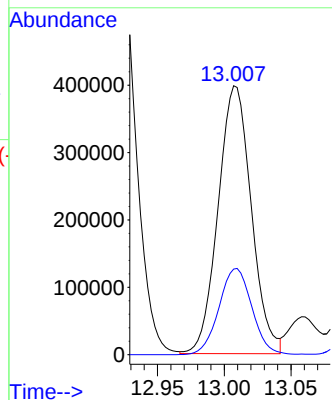
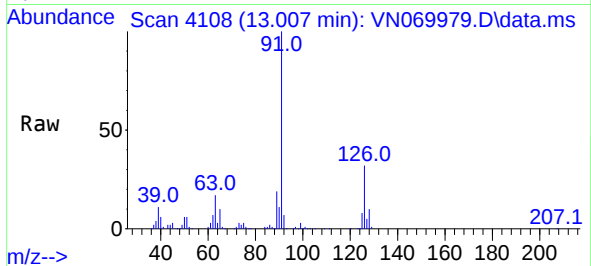
#79
2-Chlorotoluene
Concen: 18.051 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion: 91 Resp: 68947
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

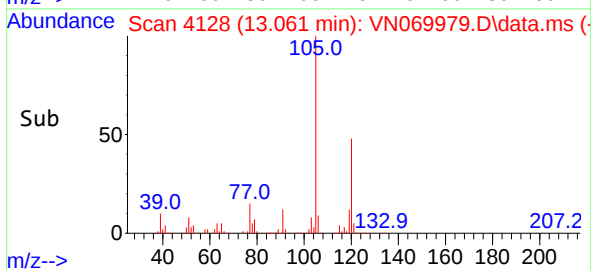
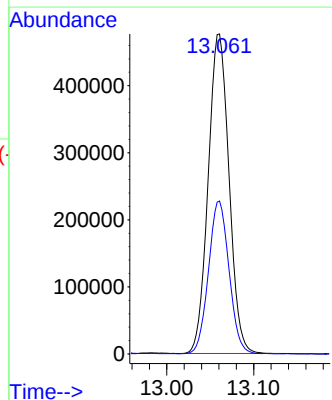
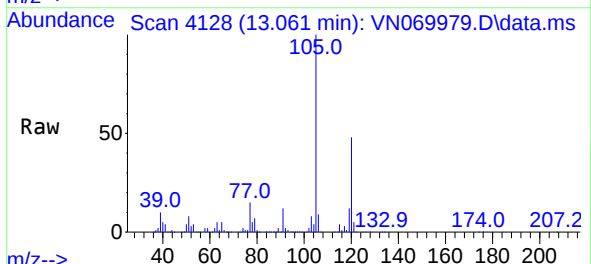
Manual Integrations
APPROVED

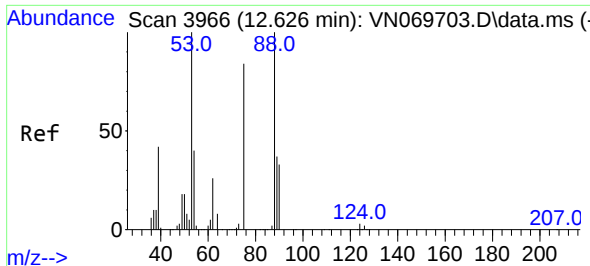
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.169 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

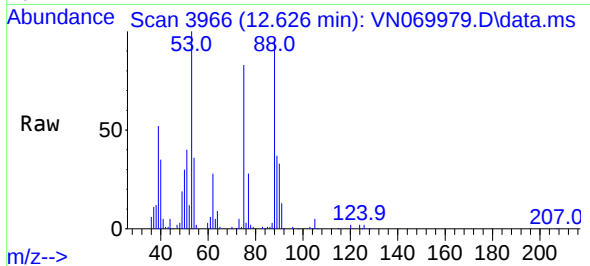
Tgt Ion:105 Resp: 794438
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.473 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

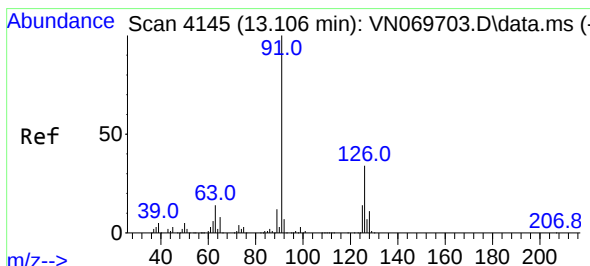
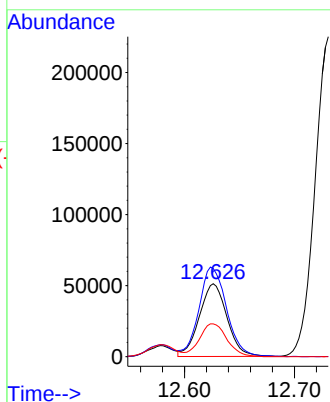
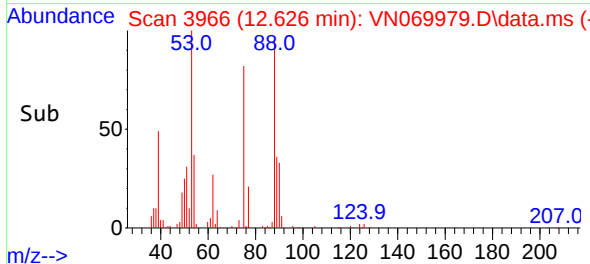
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



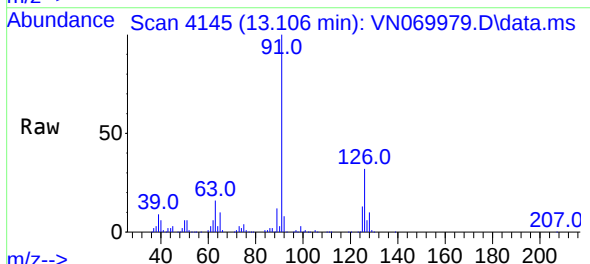
Tgt Ion: 75 Resp: 89744
Ion Ratio Lower Upper
75 100
53 123.3 90.5 135.7
89 44.8 38.2 57.4

Manual Integrations
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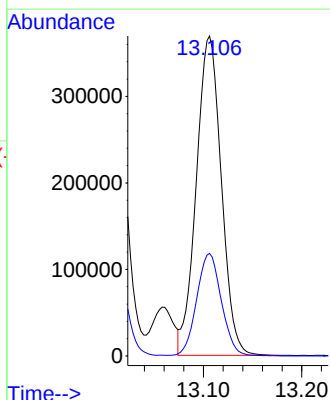
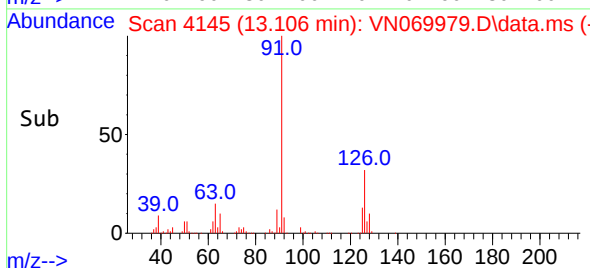
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

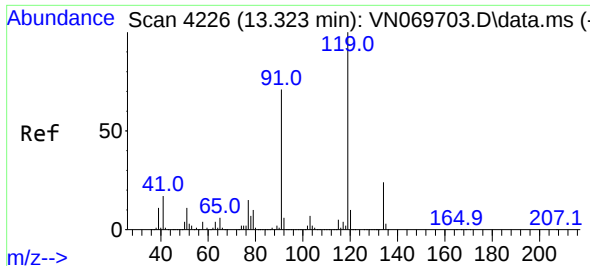


#82
4-Chlorotoluene
Concen: 18.138 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



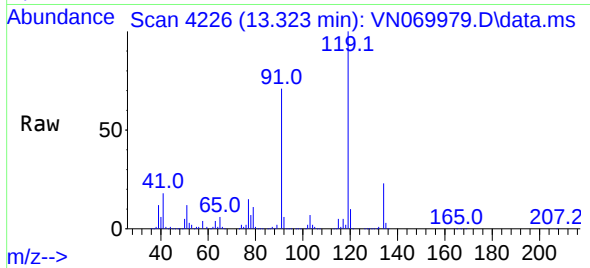
Tgt Ion: 91 Resp: 651536
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.027 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

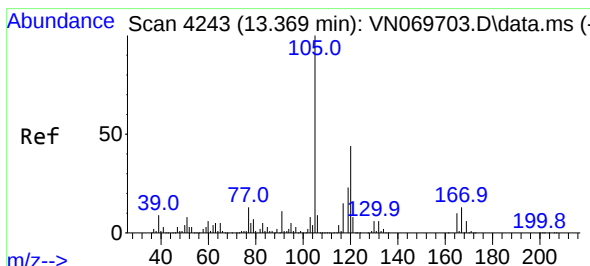
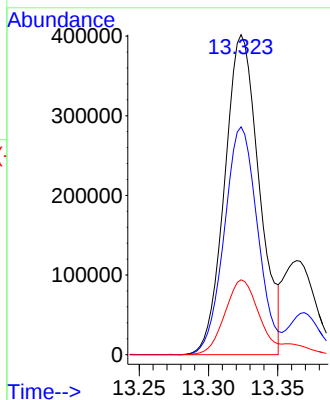
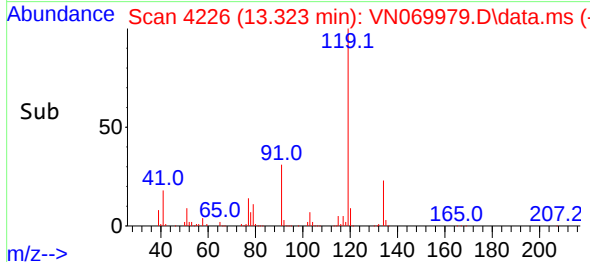
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



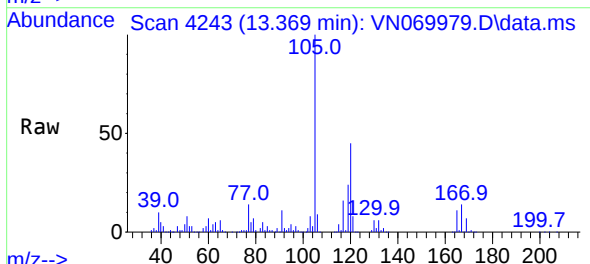
Tgt Ion:119 Resp: 69793
Ion Ratio Lower Upper
119 100
91 69.2 31.5 94.5
134 23.2 12.4 37.4

Manual Integrations
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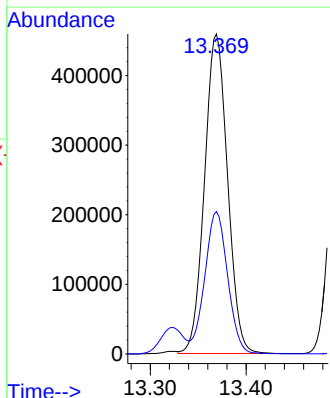
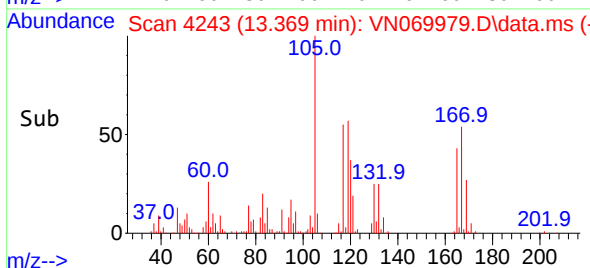
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

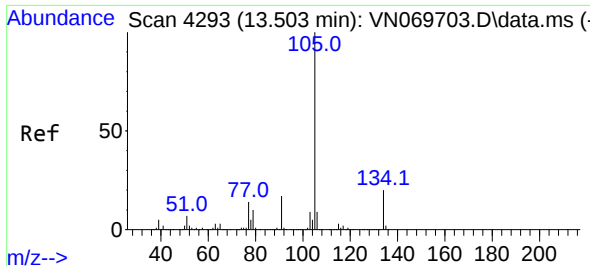


#84
1,2,4-Trimethylbenzene
Concen: 18.403 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



Tgt Ion:105 Resp: 766329
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4





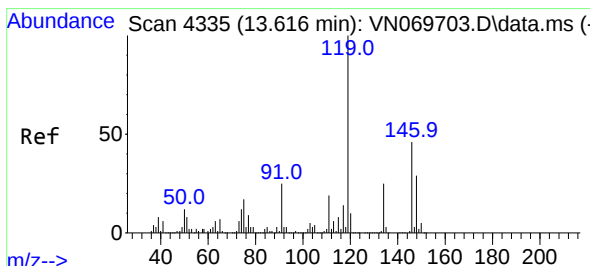
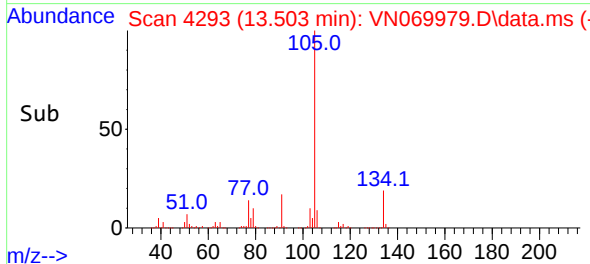
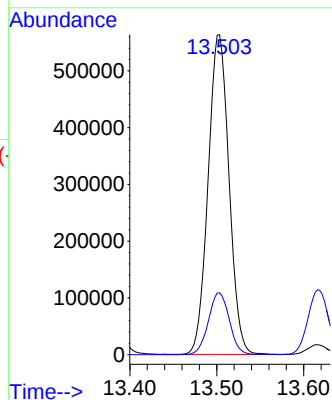
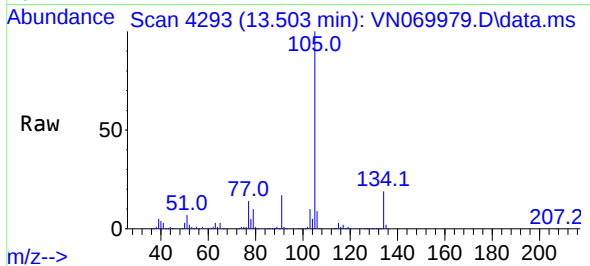
#85
 sec-Butylbenzene
 Concen: 17.903 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069979.D
 Acq: 11 Dec 2021 1:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS02

Tgt Ion:105 Resp: 94015
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

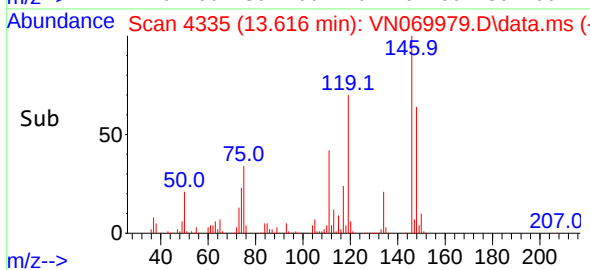
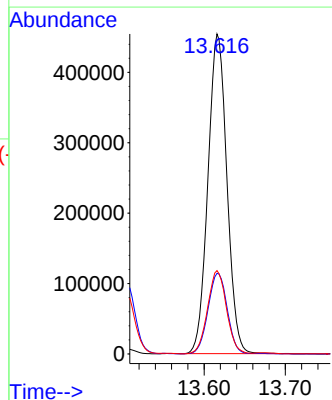
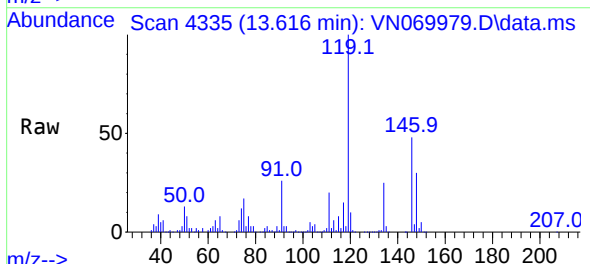
Manual Integrations
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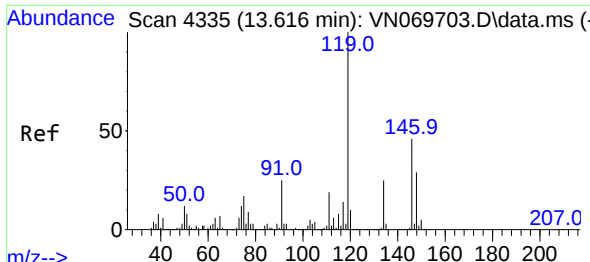
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 17.940 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069979.D
 Acq: 11 Dec 2021 1:19

Tgt Ion:119 Resp: 736439
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.6 40.7
 91 25.9 11.4 34.1





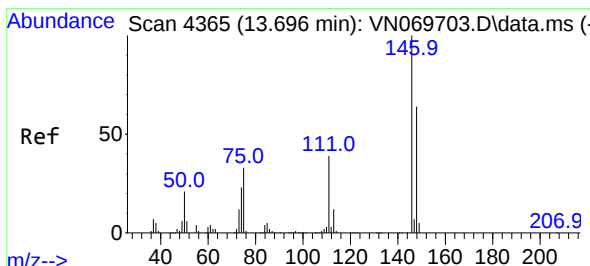
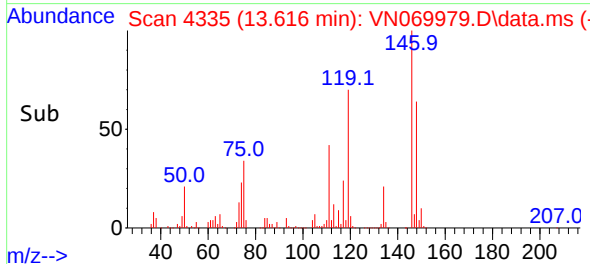
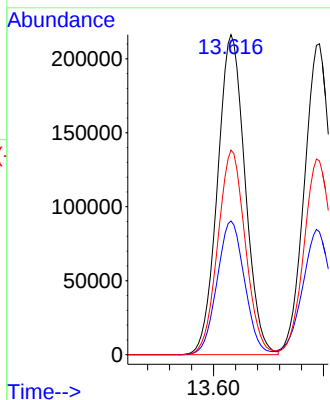
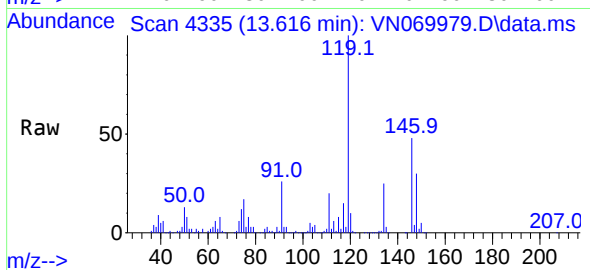
#87
1,3-Dichlorobenzene
Concen: 17.981 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:146 Resp: 37693
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 64.0 31.6 95.0

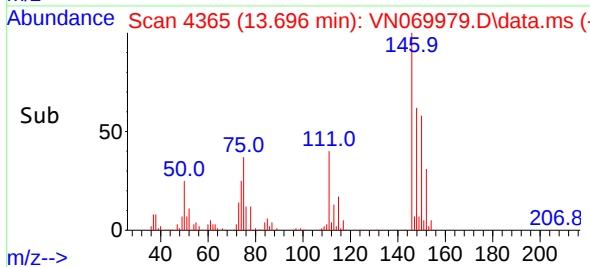
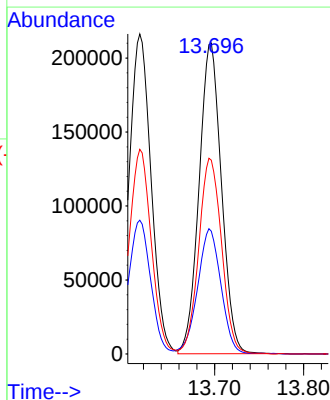
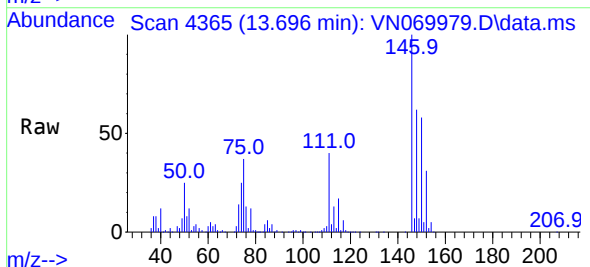
Manual Integrations
APPROVED

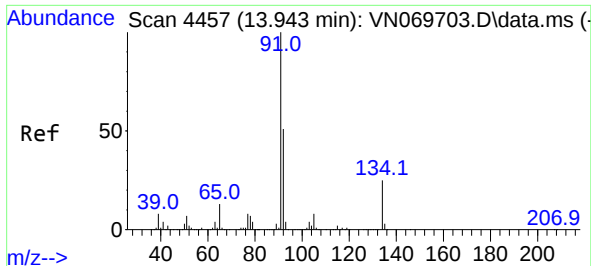
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#88
1,4-Dichlorobenzene
Concen: 17.816 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

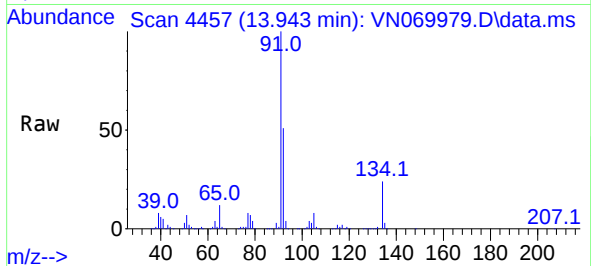
Tgt Ion:146 Resp: 367007
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 17.062 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

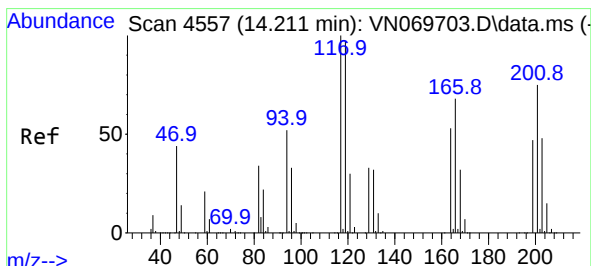
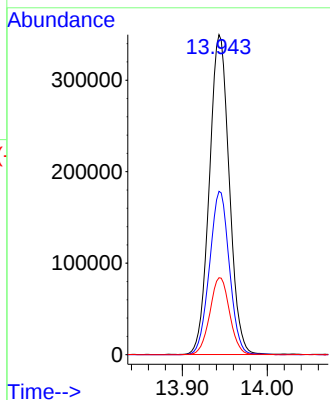
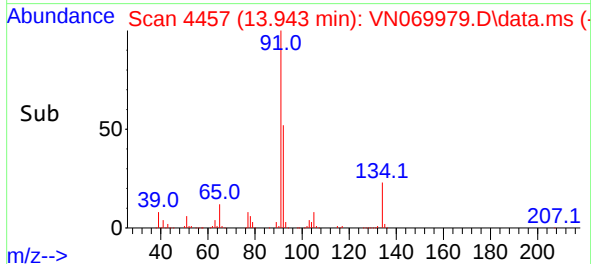
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



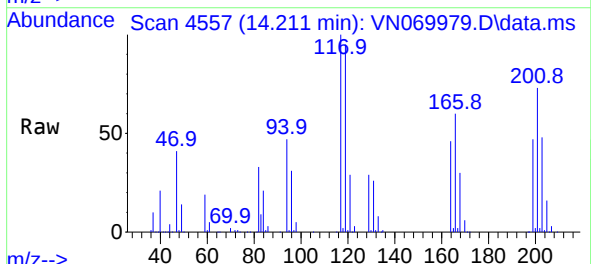
Tgt Ion: 91 Resp: 568150
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.0 13.6 40.8

Manual Integrations
APPROVED

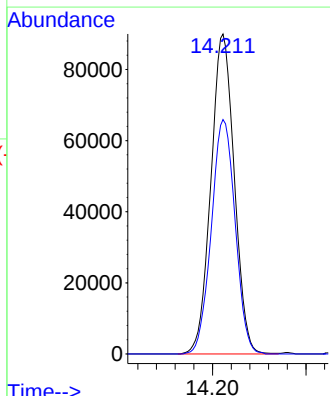
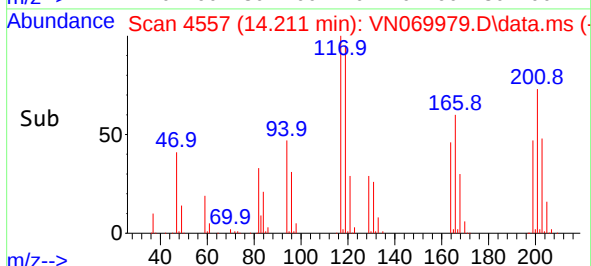
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

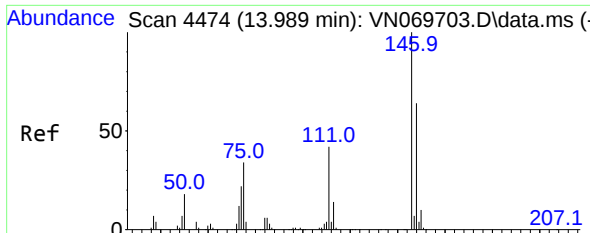


#90
Hexachloroethane
Concen: 21.730 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



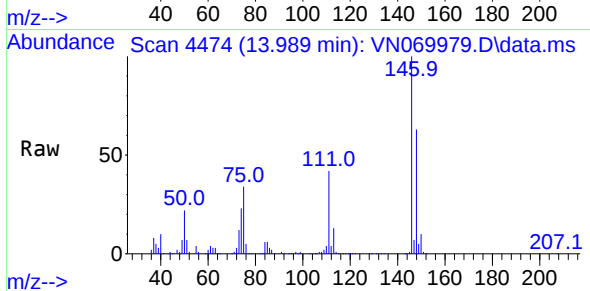
Tgt Ion:117 Resp: 156604
Ion Ratio Lower Upper
117 100
201 74.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.073 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

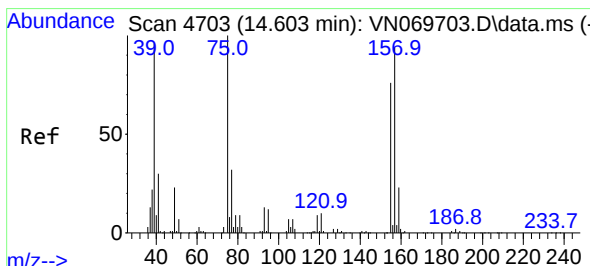
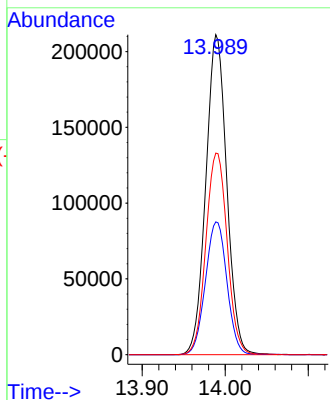
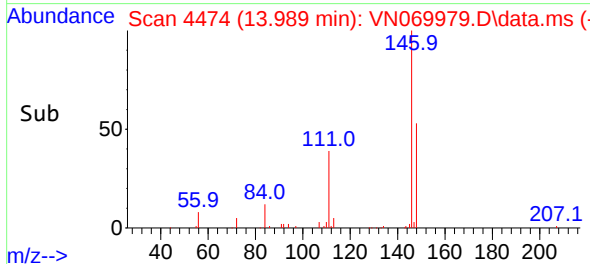
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



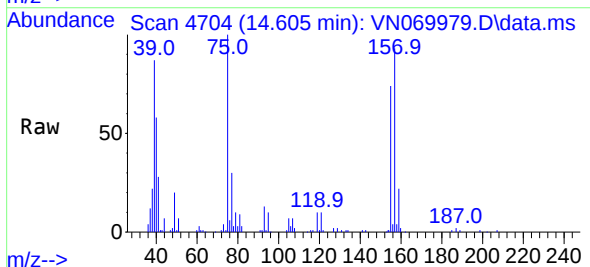
Tgt Ion:146 Resp: 36914
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 64.4 32.1 96.3

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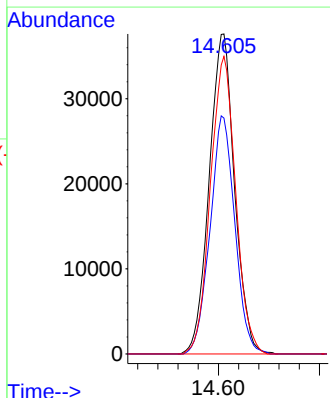
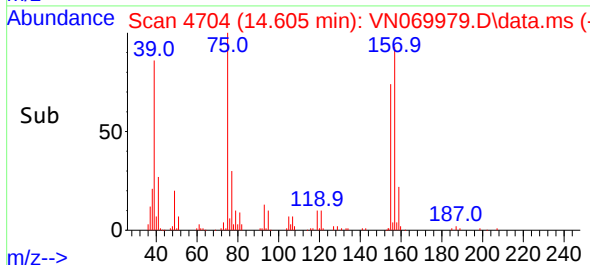
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

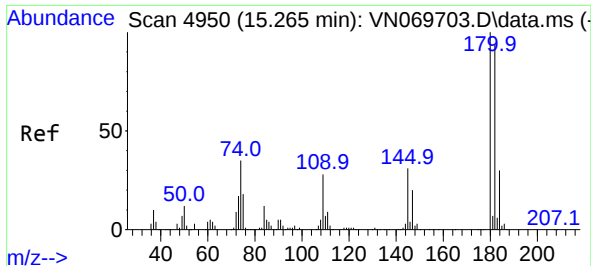


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.297 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



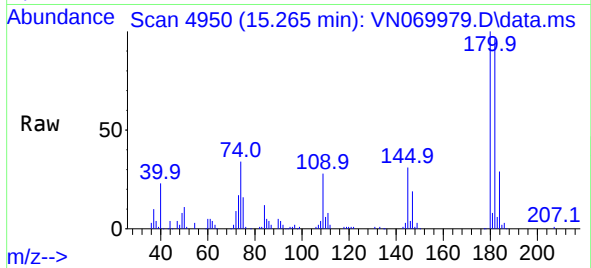
Tgt Ion: 75 Resp: 65502
Ion Ratio Lower Upper
75 100
155 72.6 46.9 140.7
157 92.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.201 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

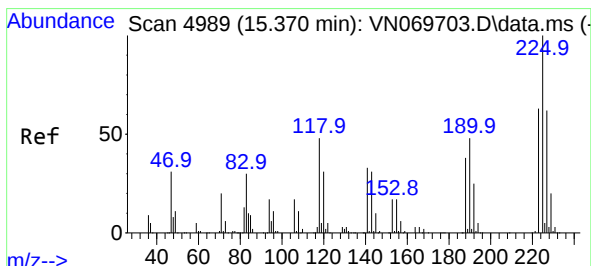
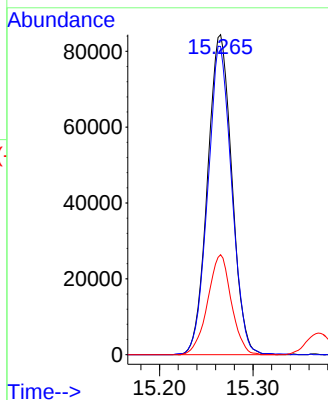
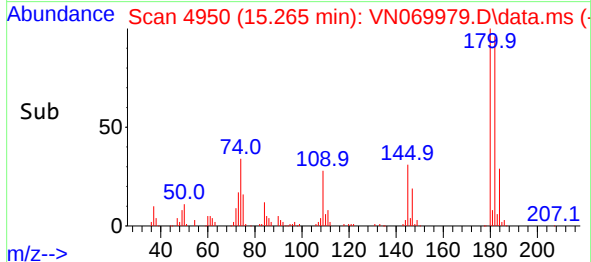
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02



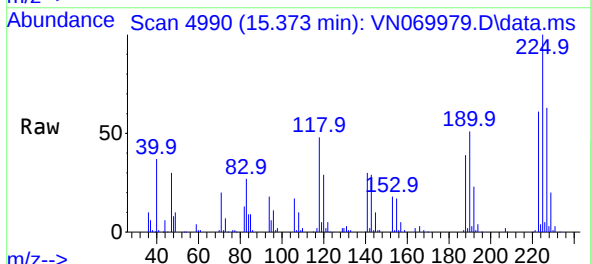
Tgt Ion:180 Resp: 152249
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
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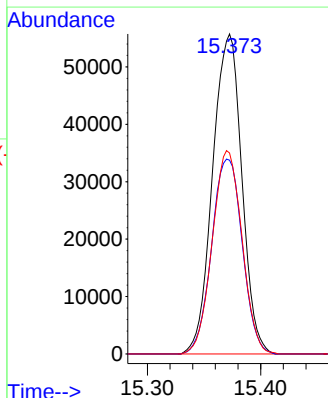
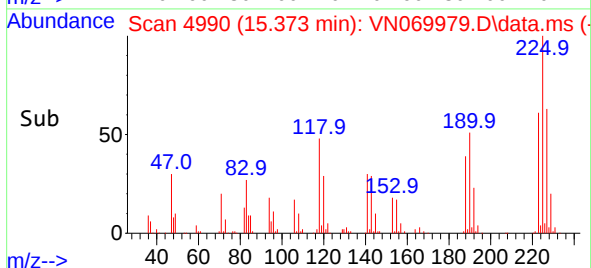
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

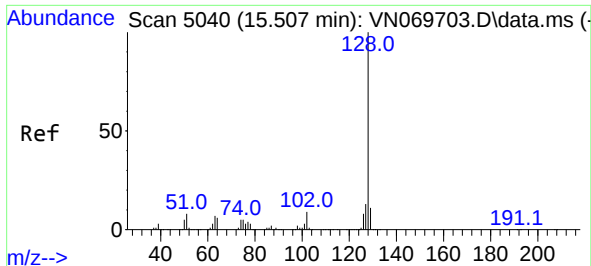


#94
Hexachlorobutadiene
Concen: 18.428 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19



Tgt Ion:225 Resp: 99749
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 64.7 32.1 96.3





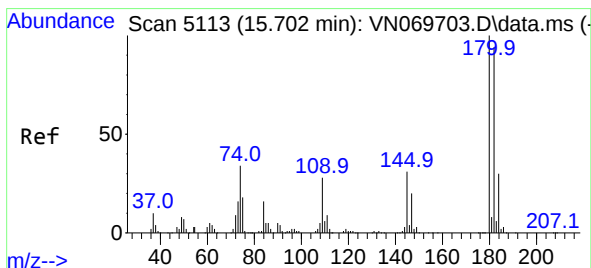
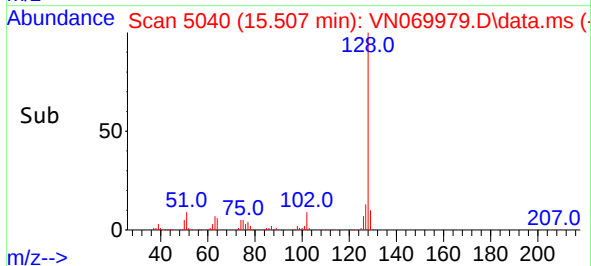
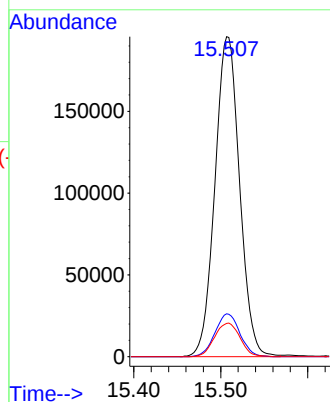
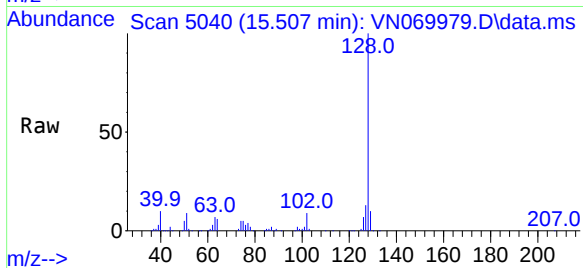
#95
Naphthalene
Concen: 15.859 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS02

Tgt Ion:128 Resp: 384980
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.312 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069979.D
Acq: 11 Dec 2021 1:19

Tgt Ion:180 Resp: 152676
Ion Ratio Lower Upper
180 100
182 93.4 47.4 142.2
145 31.7 15.0 45.1

