

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070045.D
 Acq On : 13 Dec 2021 22:00
 Operator : JC/MD
 Sample : VN1213WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS02

Quant Time: Dec 14 07:28:31 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 12/14/2021
 Supervised By : Amit Patel 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	996416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1644189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1486676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	587239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	765652	49.767	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.540%		
35) Dibromofluoromethane	8.021	113	536414	52.085	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.160%		
50) Toluene-d8	10.440	98	2049992	49.573	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.140%		
62) 4-Bromofluorobenzene	12.731	95	696352	46.481	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	211127	18.167	ug/l	99
3) Chloromethane	2.303	50	263087	18.069	ug/l	99
4) Vinyl Chloride	2.448	62	242303	18.099	ug/l	100
5) Bromomethane	2.850	94	126951	17.454	ug/l	96
6) Chloroethane	3.017	64	144551	17.620	ug/l	96
7) Trichlorofluoromethane	3.373	101	314992	17.927	ug/l	98
8) Diethyl Ether	3.821	74	129227	19.096	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	187567	19.043	ug/l	96
10) Methyl Iodide	4.419	142	242859	18.049	ug/l	98
11) Tert butyl alcohol	5.382	59	239629	82.401	ug/l	98
12) 1,1-Dichloroethene	4.181	96	174263	18.360	ug/l	87
13) Acrolein	4.041	56	202881	81.923	ug/l	100
14) Allyl chloride	4.840	41	408871	19.118	ug/l	92
15) Acrylonitrile	5.557	53	724989	92.518	ug/l	100
16) Acetone	4.288	43	733444	79.252	ug/l	97
17) Carbon Disulfide	4.527	76	477538	19.475	ug/l	99
18) Methyl Acetate	4.857	43	503340	18.019	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	688794	18.664	ug/l	94
20) Methylene Chloride	5.095	84	226571	18.416	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	190557	18.485	ug/l	87
22) Diisopropyl ether	6.498	45	833284	19.934	ug/l	96
23) Vinyl Acetate	6.434	43	3263804	95.969	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	424124	19.586	ug/l	98
25) 2-Butanone	7.337	43	1078215	85.748	ug/l	90
26) 2,2-Dichloropropane	7.324	77	294146	17.471	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	232665	18.680	ug/l	87
28) Bromochloromethane	7.657	49	228469	20.289	ug/l #	77
29) Tetrahydrofuran	7.689	42	704200	92.228	ug/l	87
30) Chloroform	7.820	83	435115	19.896	ug/l	99
31) Cyclohexane	8.094	56	390612	18.244	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	362079	19.437	ug/l	94
36) 1,1-Dichloropropene	8.222	75	298349	19.061	ug/l	95
37) Ethyl Acetate	7.415	43	402451	17.275	ug/l	96
38) Carbon Tetrachloride	8.206	117	309544	20.167	ug/l	96
39) Methylcyclohexane	9.459	83	330178	17.734	ug/l	88
40) Benzene	8.458	78	918016	19.188	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	216477	19.795	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	364349	18.865	ug/l	97
43) Isopropyl Acetate	8.563	43	634544	18.406	ug/l #	94
44) Trichloroethene	9.217	130	211115	18.488	ug/l	92
45) 1,2-Dichloropropane	9.491	63	253062	19.697	ug/l	99
46) Dibromomethane	9.577	93	163297	19.381	ug/l	93
47) Bromodichloromethane	9.762	83	349395	21.901	ug/l	98
48) Methyl methacrylate	9.561	41	297077	18.465	ug/l	88
49) 1,4-Dioxane	9.569	88	102494	355.047	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	2156026	96.403	ug/l	94
52) Toluene	10.505	92	555150	19.006	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	336639	19.356	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	370107	19.641	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	229223	19.450	ug/l	98
56) Ethyl methacrylate	10.762	69	356480	17.580	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	400645	19.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	395187	79.358	ug/l	89
59) 2-Hexanone	11.087	43	1517601	89.702	ug/l	91
60) Dibromochloromethane	11.237	129	247229	21.025	ug/l	99
61) 1,2-Dibromoethane	11.344	107	227476	18.635	ug/l	100
64) Tetrachloroethene	10.977	164	184321	18.285	ug/l	92
65) Chlorobenzene	11.771	112	577665	19.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	225087	21.204	ug/l	98
67) Ethyl Benzene	11.846	91	1067511	19.485	ug/l	96
68) m/p-Xylenes	11.953	106	770238	38.613	ug/l	91
69) o-Xylene	12.283	106	384516	19.137	ug/l	92
70) Styrene	12.294	104	620912	19.488	ug/l	95
71) Bromoform	12.457	173	188345	22.342	ug/l #	100
73) Isopropylbenzene	12.578	105	1001413	19.167	ug/l	98
74) N-amyl acetate	12.390	43	411931	17.828	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	366290	20.274	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	308512m	18.319	ug/l	
77) Bromobenzene	12.862	156	232172	18.918	ug/l	75
78) n-propylbenzene	12.921	91	1128234	19.405	ug/l	95
79) 2-Chlorotoluene	13.007	91	716848	19.513	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	823305	19.578	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	94873	21.001	ug/l	91
82) 4-Chlorotoluene	13.104	91	665051	19.250	ug/l	92
83) tert-Butylbenzene	13.324	119	702230	18.858	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	798620	19.941	ug/l	96
85) sec-Butylbenzene	13.501	105	969144	19.188	ug/l	97
86) p-Isopropyltoluene	13.616	119	758357	19.208	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	389968	19.342	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	376720	19.014	ug/l	97
89) n-Butylbenzene	13.943	91	581592	18.160	ug/l	98
90) Hexachloroethane	14.211	117	158091	22.807	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	387336	19.718	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67961	20.816	ug/l	75
93) 1,2,4-Trichlorobenzene	15.265	180	157821	18.316	ug/l	98
94) Hexachlorobutadiene	15.370	225	104871	20.144	ug/l	99
95) Naphthalene	15.507	128	419770	17.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	157334	18.375	ug/l	98

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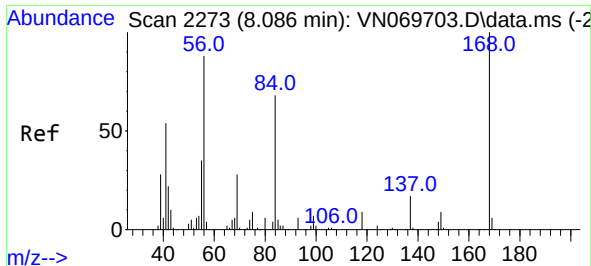
Manual Integrations
APPROVED

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Supervised By :Amit Patel 12/15/2021

Quant Time: Dec 14 07:28:31 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

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



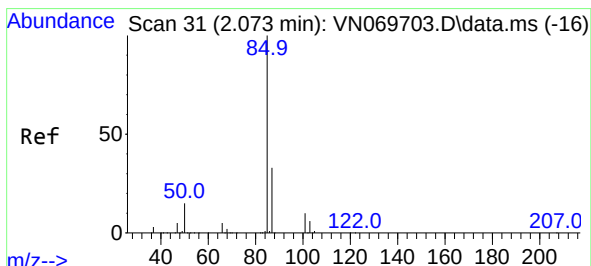
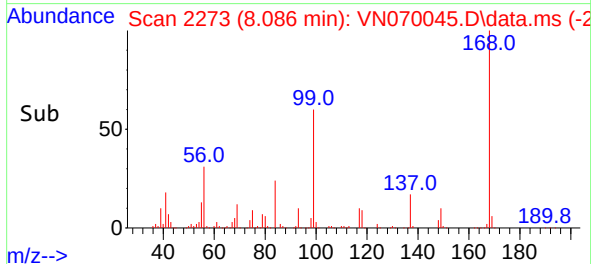
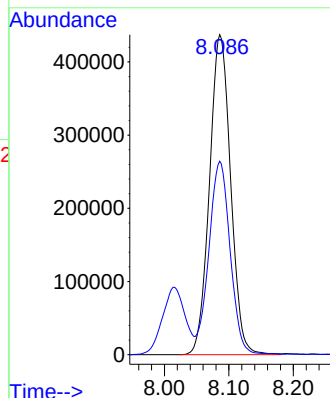
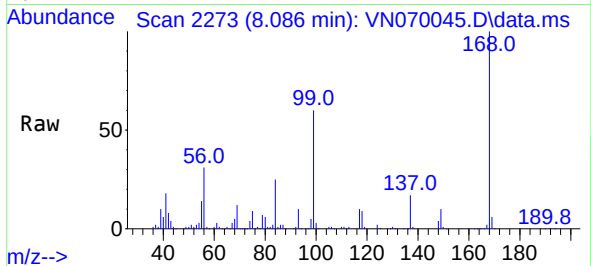
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 996410
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

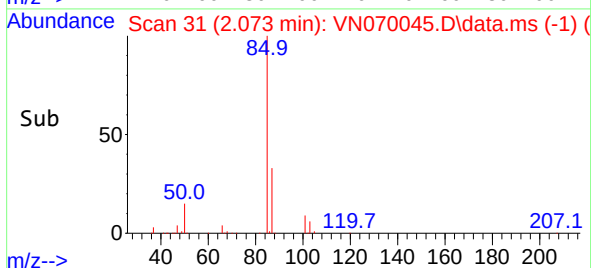
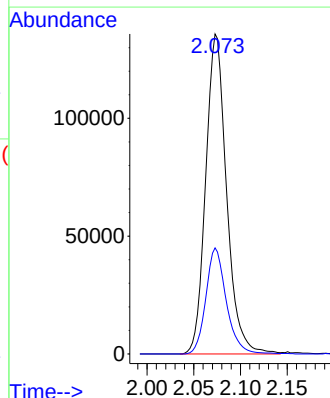
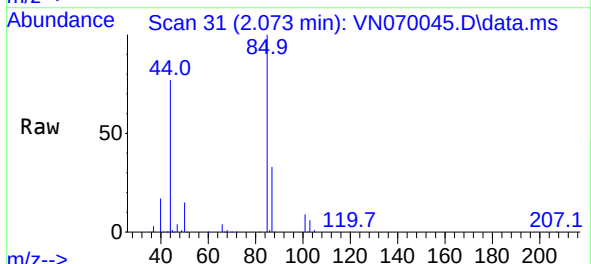
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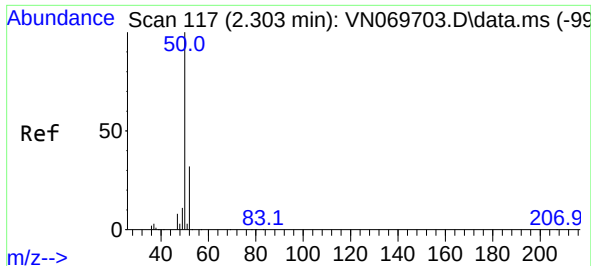
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#2
Dichlorodifluoromethane
Concen: 18.167 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

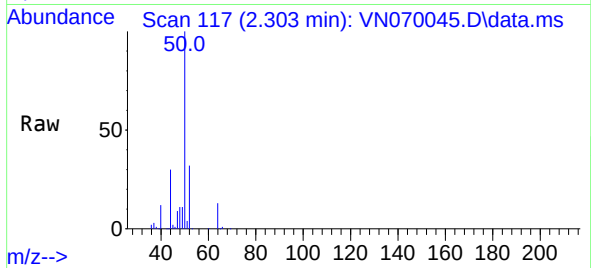
Tgt Ion: 85 Resp: 211127
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.9





#3
Chloromethane
Concen: 18.069 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

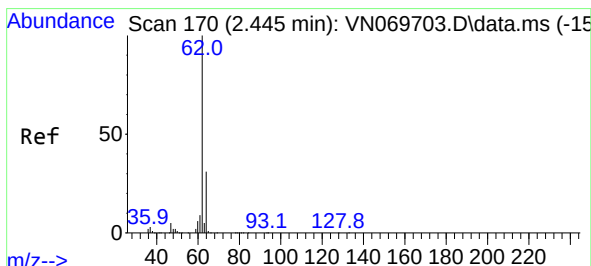
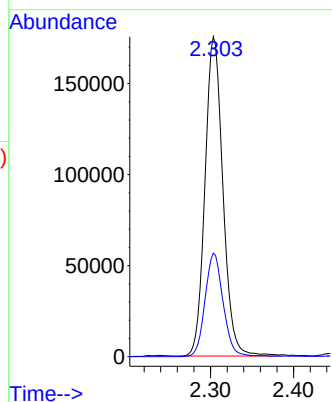
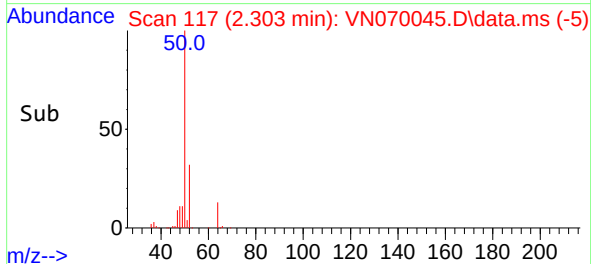
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VN1213WBS02



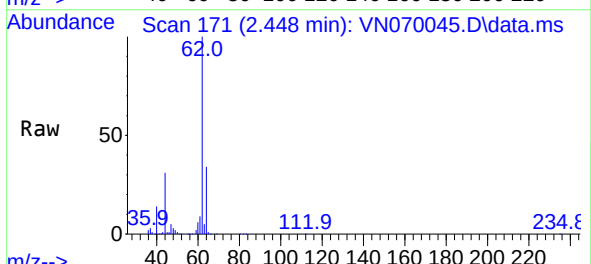
Tgt Ion: 50 Resp: 26308
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

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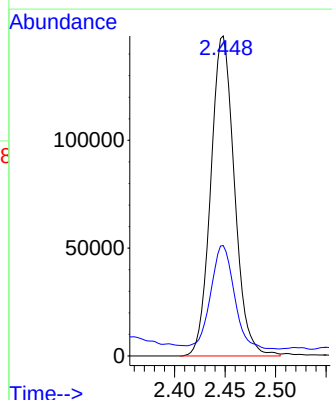
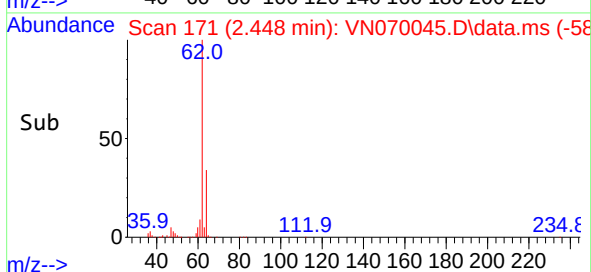
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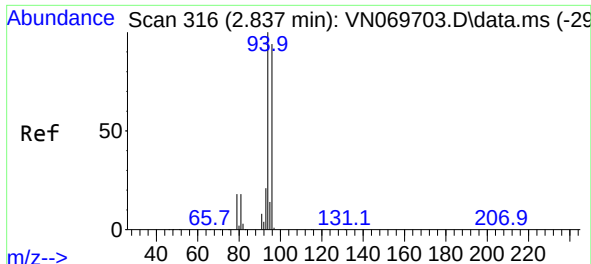


#4
Vinyl Chloride
Concen: 18.099 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



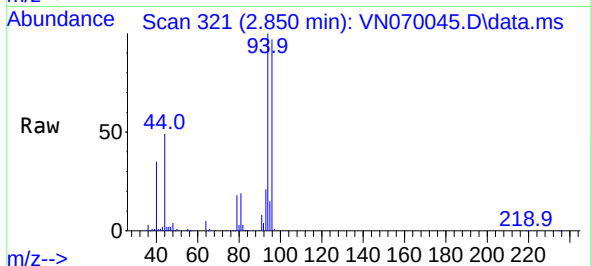
Tgt Ion: 62 Resp: 242303
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





#5
Bromomethane
Concen: 17.454 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.014 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

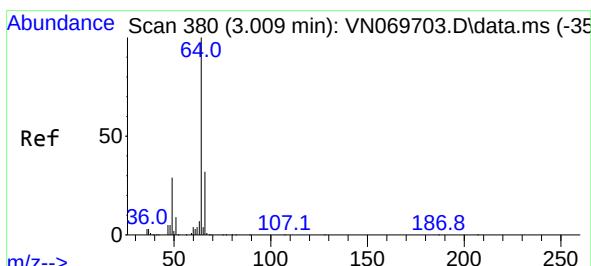
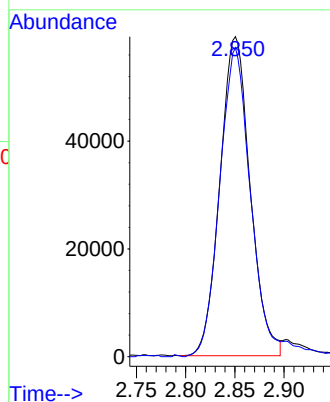
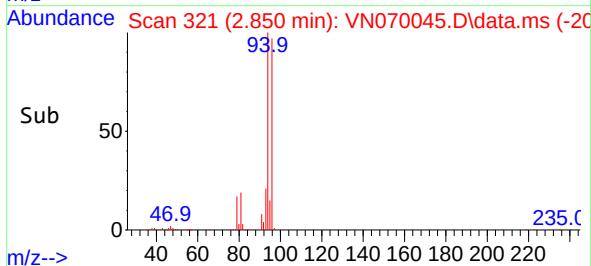
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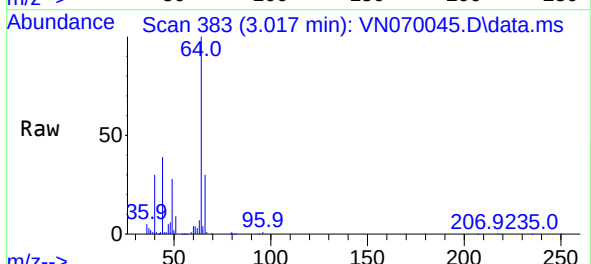
Tgt Ion: 94 Resp: 126951
Ion Ratio Lower Upper
94 100
96 96.6 73.8 110.8

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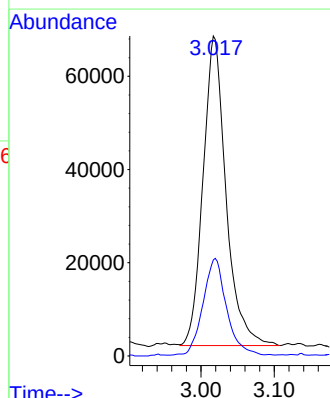
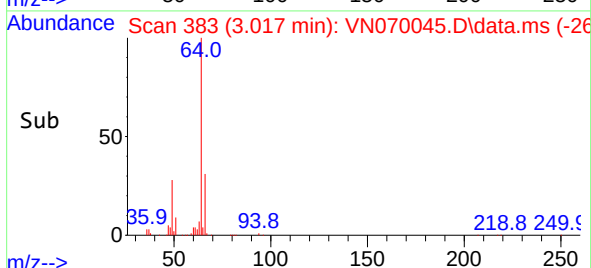
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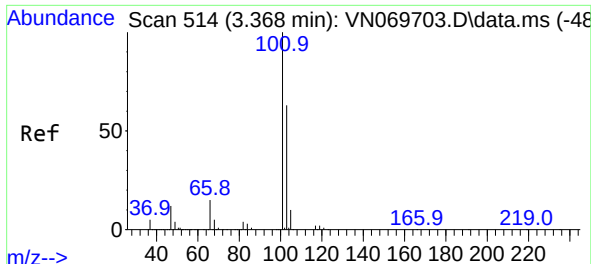


#6
Chloroethane
Concen: 17.620 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 64 Resp: 144551
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5





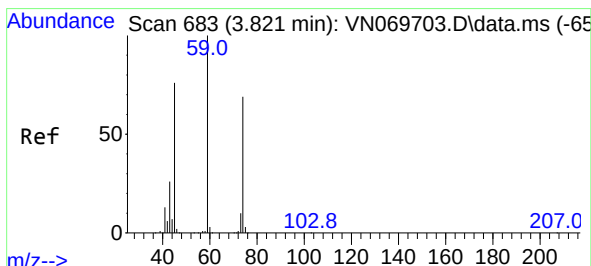
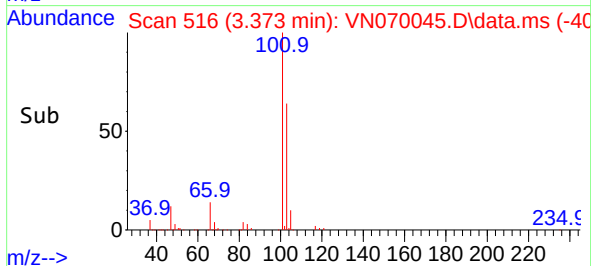
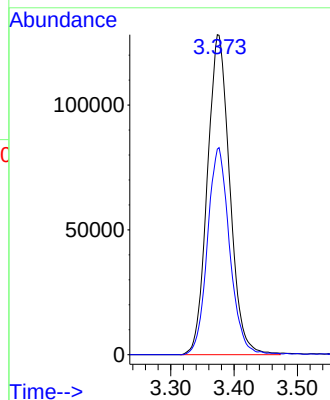
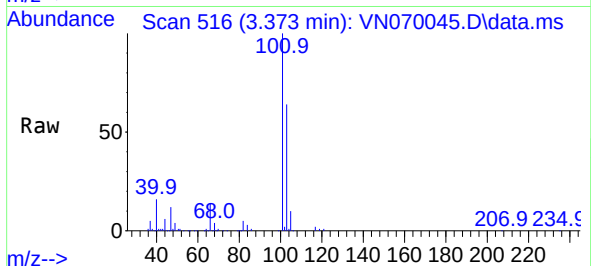
#7
Trichlorofluoromethane
Concen: 17.927 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.006 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion:101 Resp: 314992
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

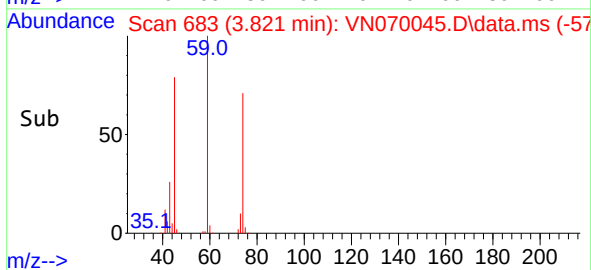
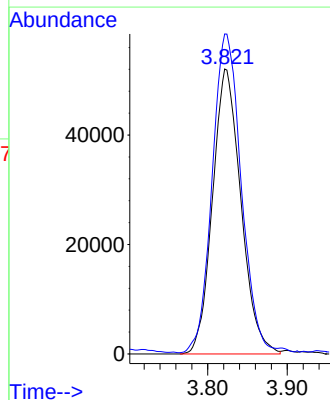
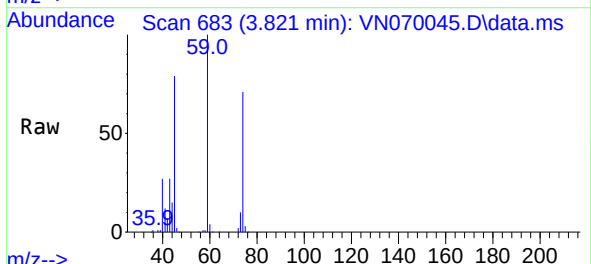
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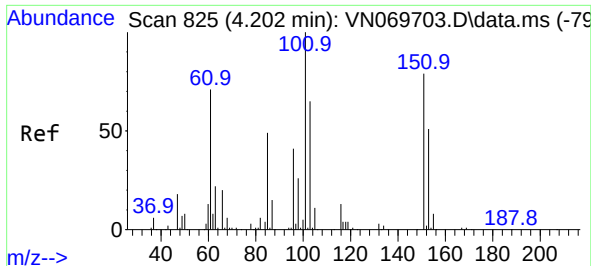
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#8
Diethyl Ether
Concen: 19.096 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 74 Resp: 129227
Ion Ratio Lower Upper
74 100
45 113.7 47.0 141.2





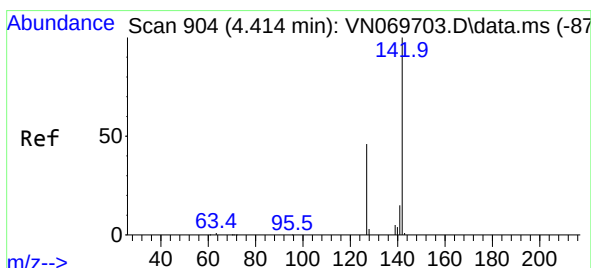
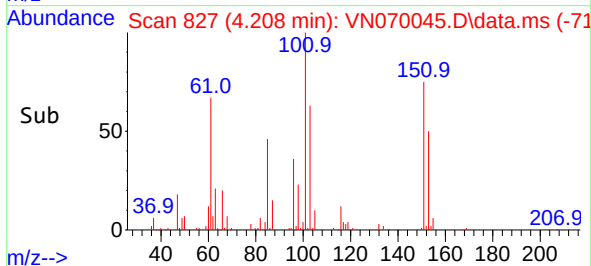
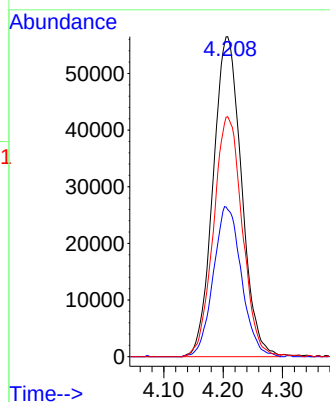
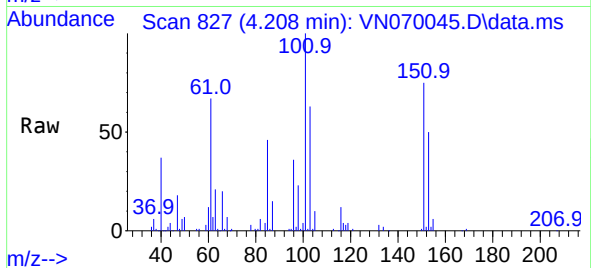
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1,1,2-Trichlorotrifluoroethane
Concen: 19.043 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

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ClientSampleId :
VN1213WBS02

Tgt Ion:101 Resp: 18756
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 76.3 65.9 98.9

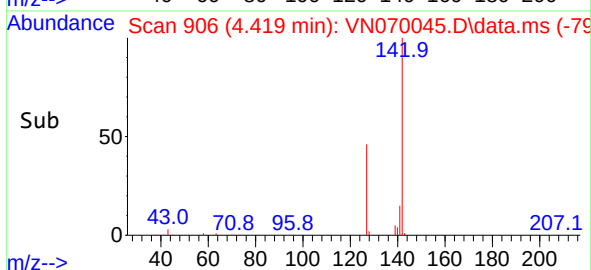
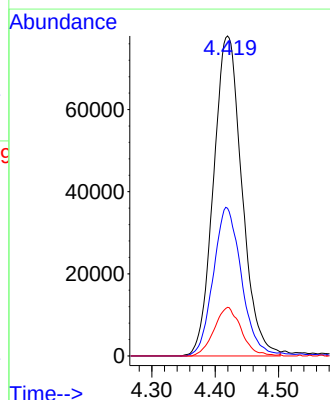
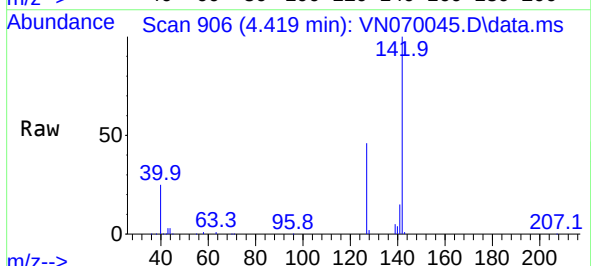
Manual Integrations
APPROVED

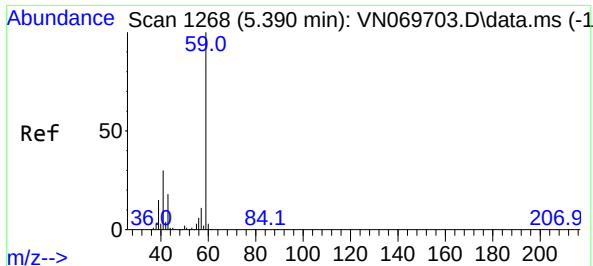
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
Methyl Iodide
Concen: 18.049 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

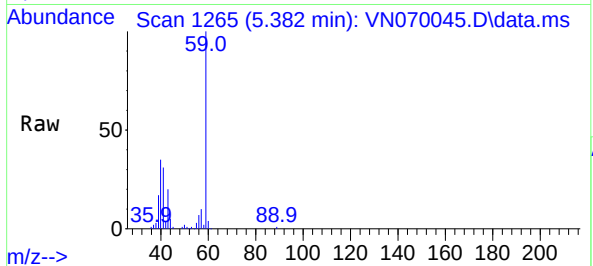
Tgt Ion:142 Resp: 242859
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 82.401 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

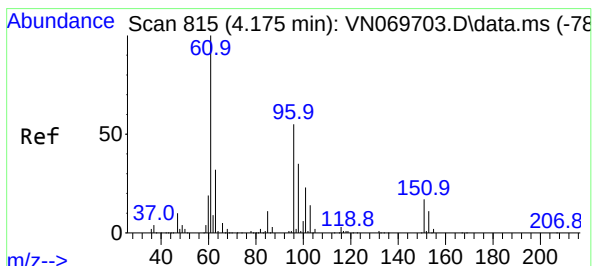
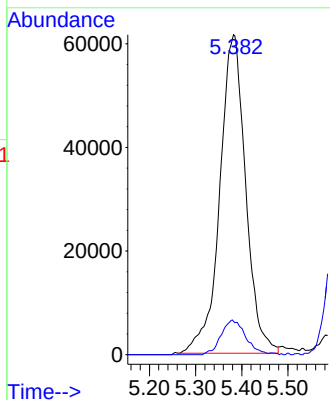
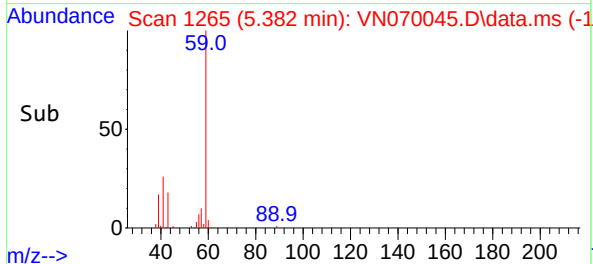
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



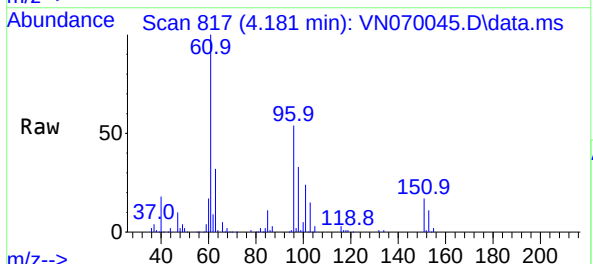
Tgt Ion: 59 Resp: 239629
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

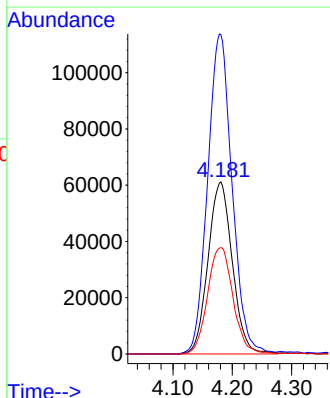
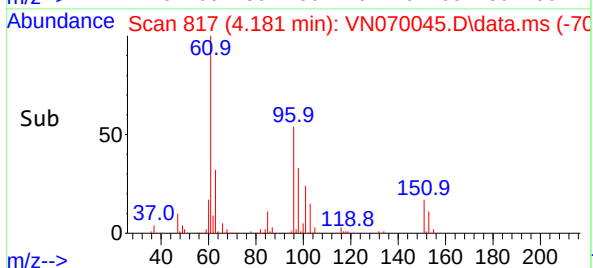
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

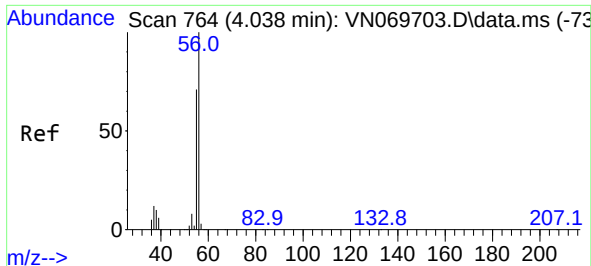


#12
1,1-Dichloroethene
Concen: 18.360 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



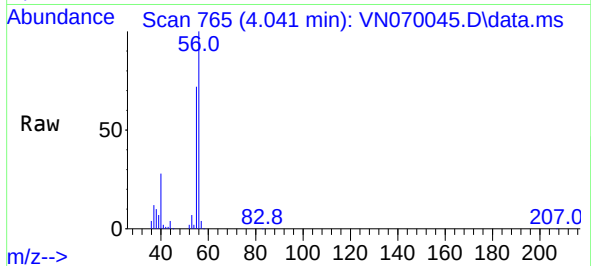
Tgt Ion: 96 Resp: 174263
Ion Ratio Lower Upper
96 100
61 185.6 131.0 196.6
98 61.8 52.4 78.6





#13
Acrolein
Concen: 81.923 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

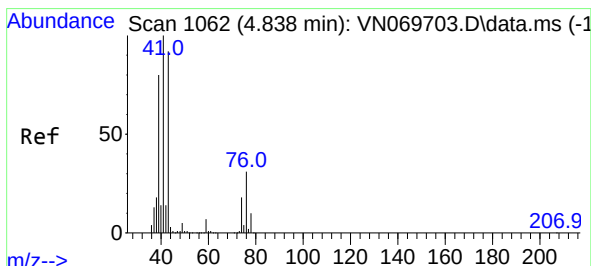
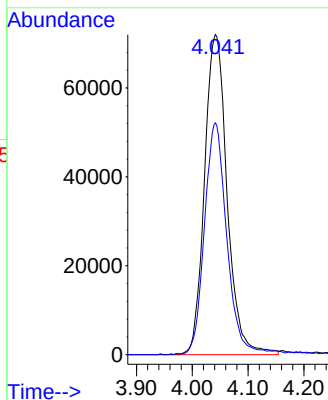
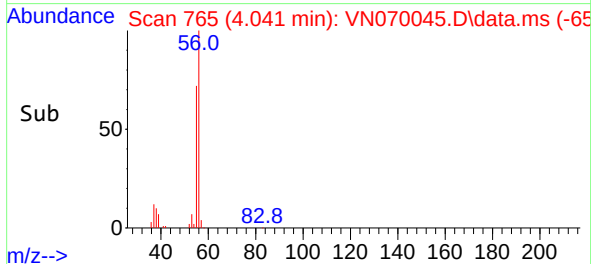
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



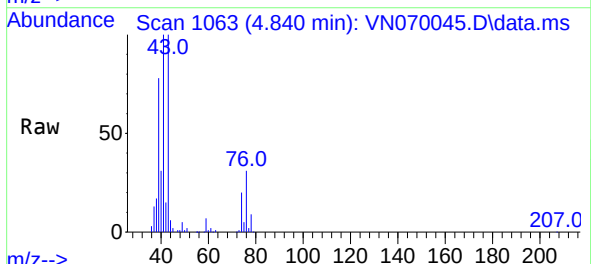
Tgt Ion: 56 Resp: 20288
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

Manual Integrations
APPROVED

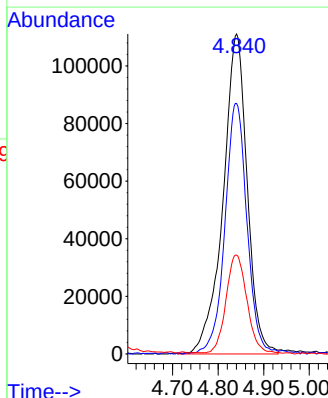
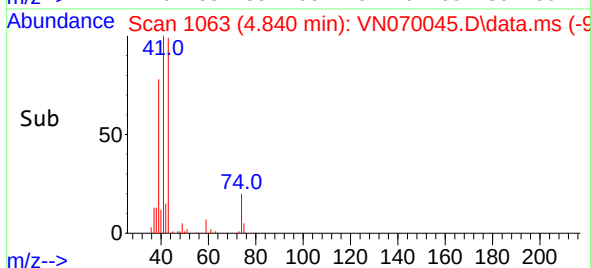
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

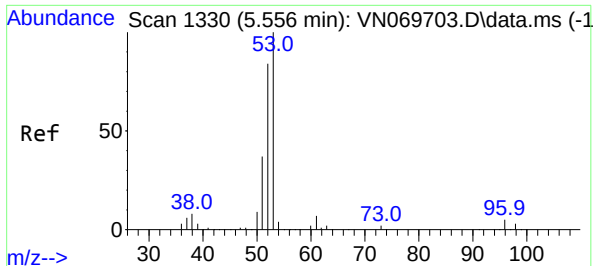


#14
Allyl chloride
Concen: 19.118 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



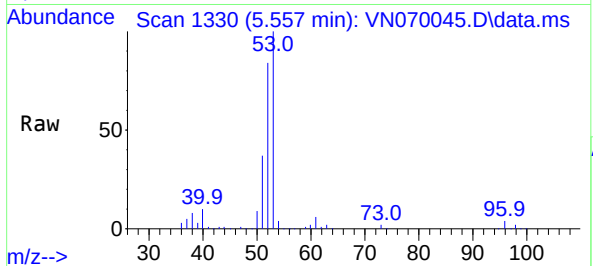
Tgt Ion: 41 Resp: 408871
Ion Ratio Lower Upper
41 100
39 70.4 61.2 91.8
76 26.4 26.0 39.0





#15
Acrylonitrile
Concen: 92.518 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

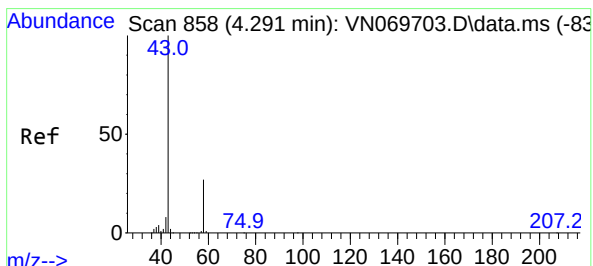
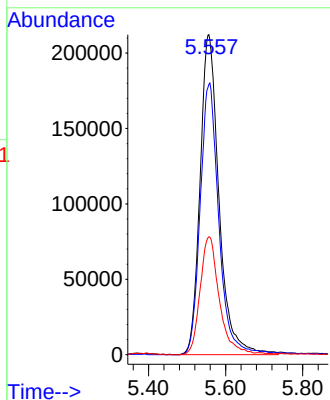
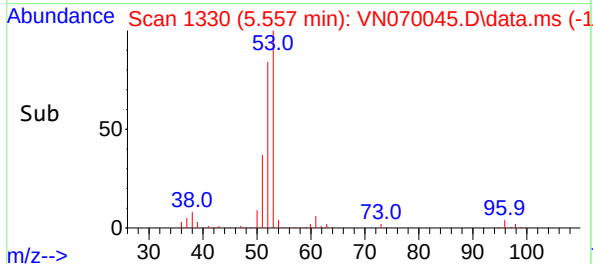
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



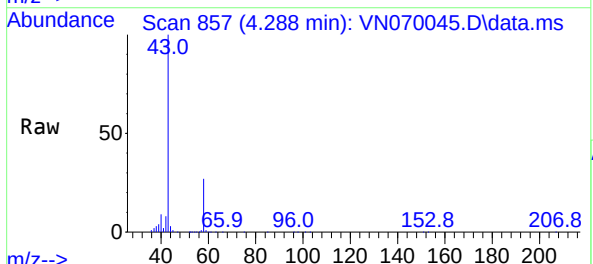
Tgt Ion: 53 Resp: 724989
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 37.2 29.6 44.4

Manual Integrations
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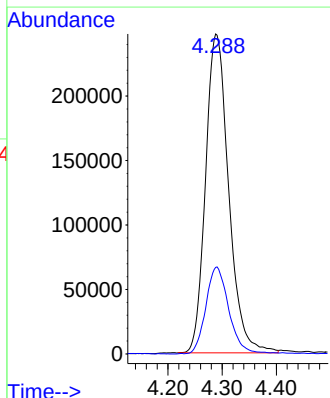
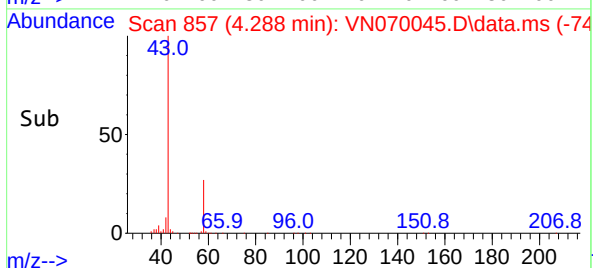
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

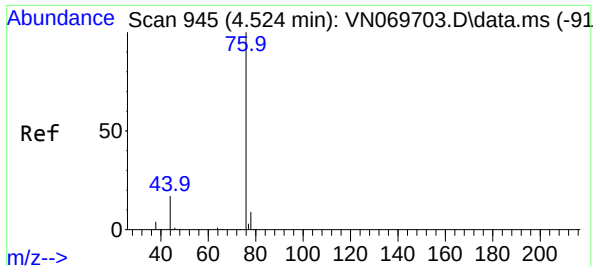


#16
Acetone
Concen: 79.252 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 43 Resp: 733444
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





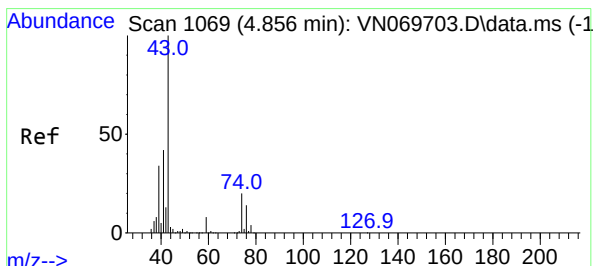
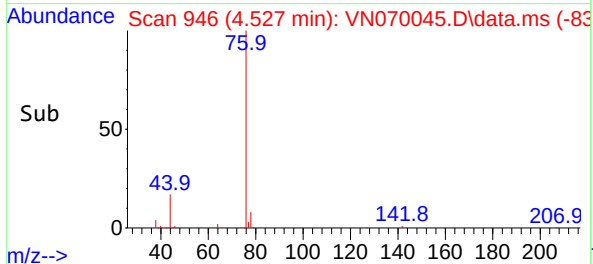
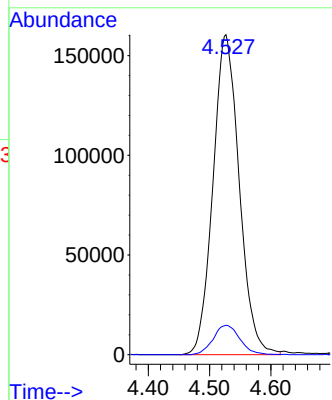
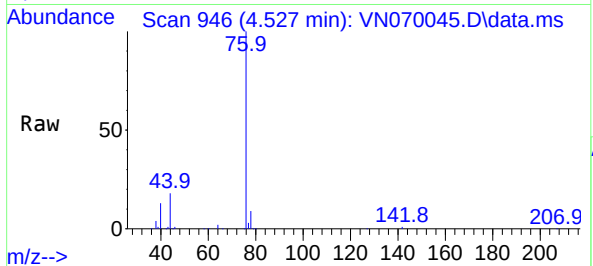
#17
Carbon Disulfide
Concen: 19.475 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion: 76 Resp: 477538
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

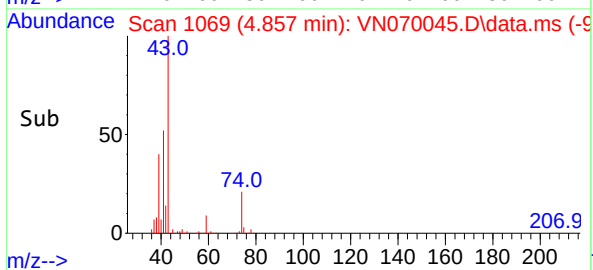
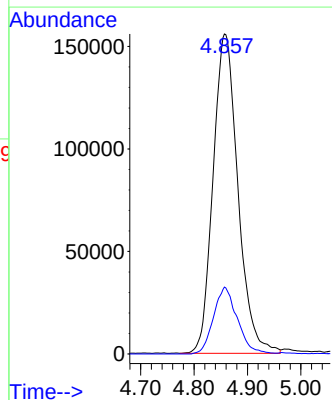
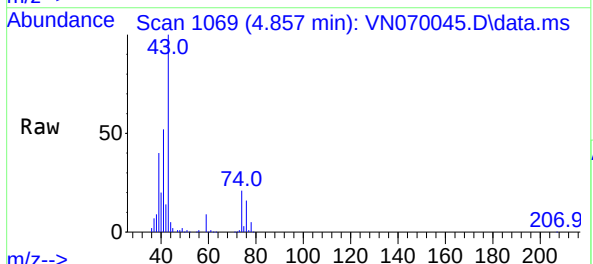
Manual Integrations
APPROVED

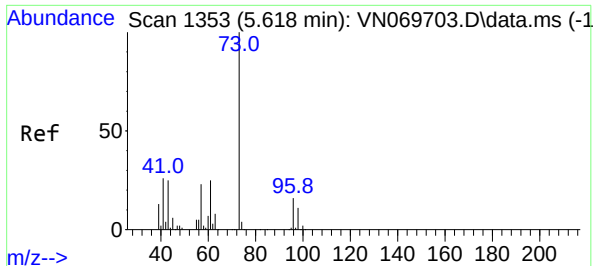
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#18
Methyl Acetate
Concen: 18.019 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 43 Resp: 503340
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





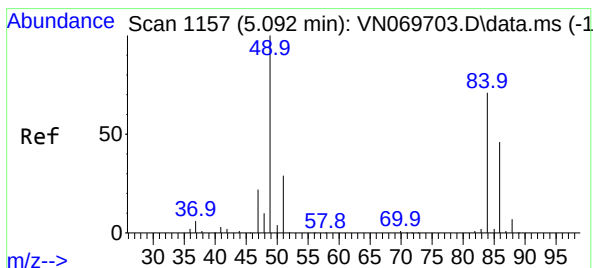
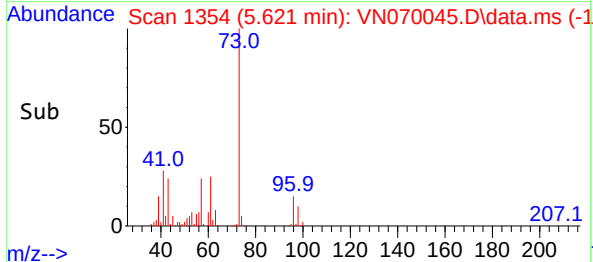
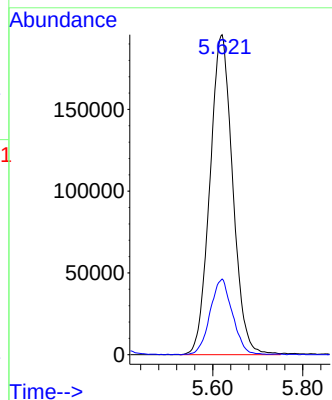
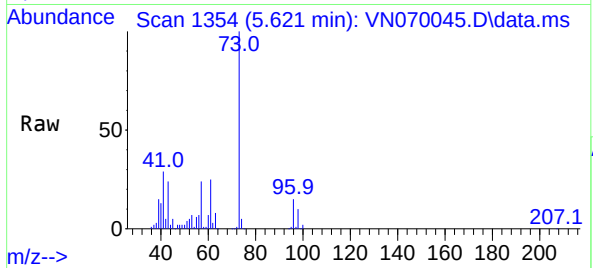
#19
Methyl tert-butyl Ether
Concen: 18.664 ug/l
RT: 5.621 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion: 73 Resp: 688794
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2

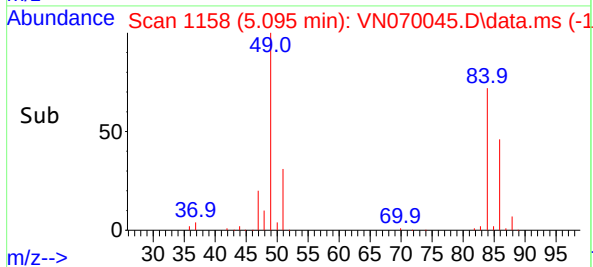
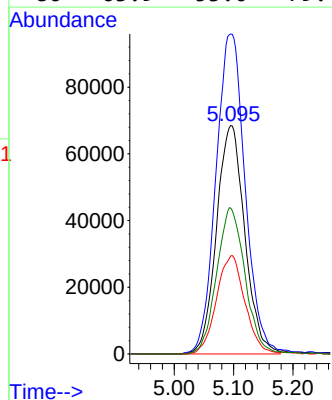
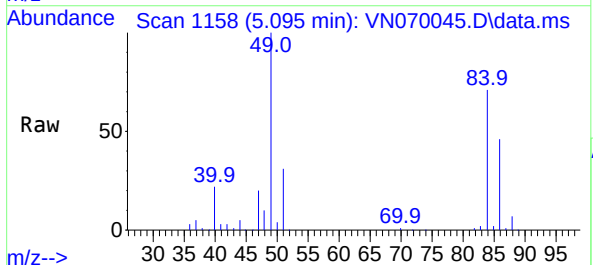
Manual Integrations
APPROVED

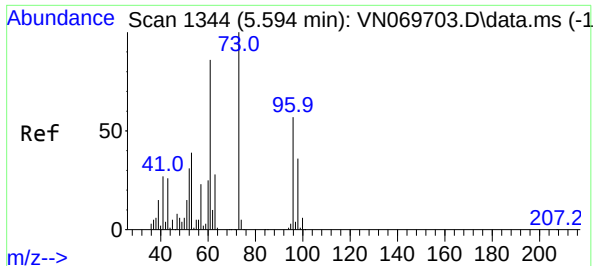
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#20
Methylene Chloride
Concen: 18.416 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

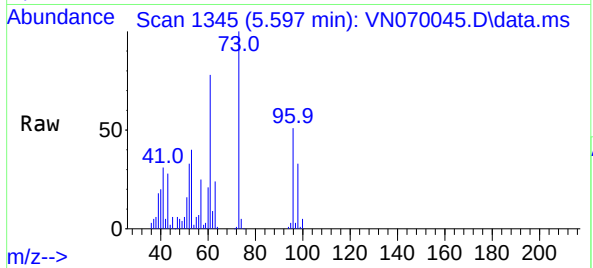
Tgt Ion: 84 Resp: 226571
Ion Ratio Lower Upper
84 100
49 140.1 93.5 140.3
51 43.0 29.4 44.2
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.485 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

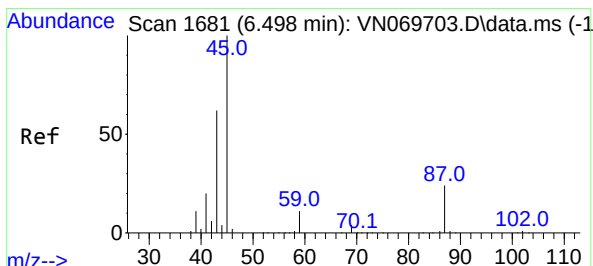
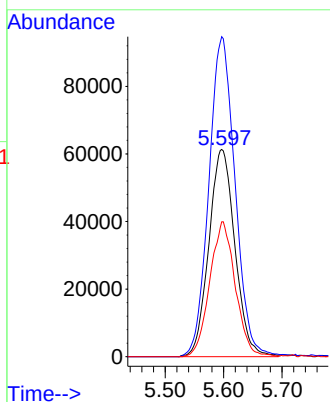
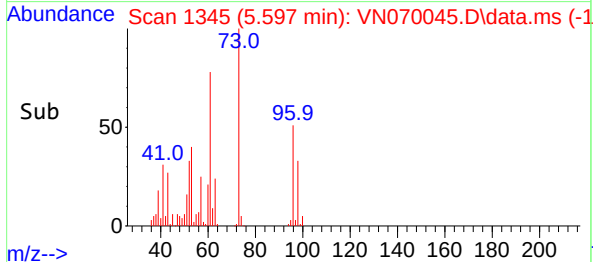
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



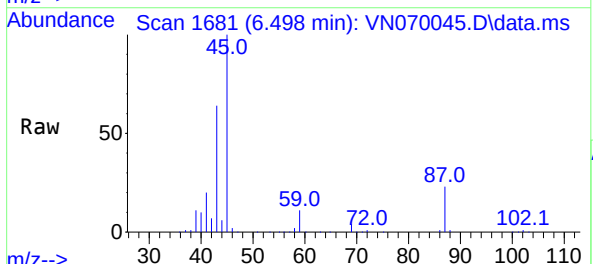
Tgt Ion: 96 Resp: 19055
Ion Ratio Lower Upper
96 100
61 154.4 105.8 158.6
98 65.1 52.0 78.0

Manual Integrations
APPROVED

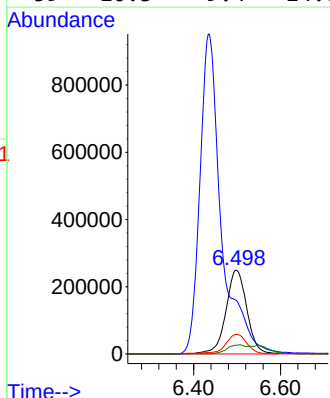
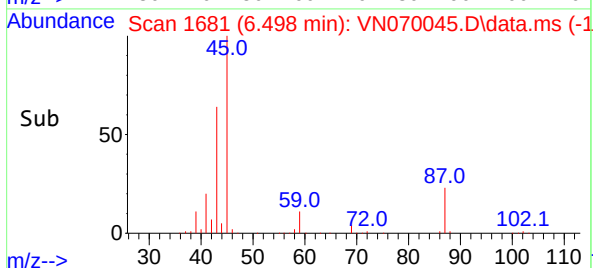
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

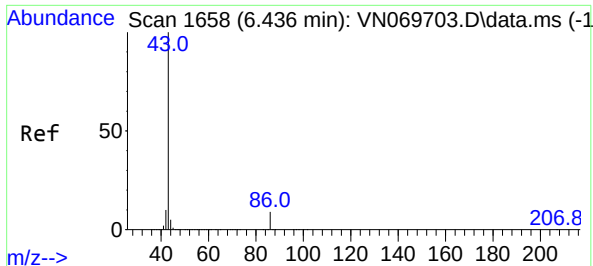


#22
Diisopropyl ether
Concen: 19.934 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 45 Resp: 833284
Ion Ratio Lower Upper
45 100
43 63.6 51.7 77.5
87 23.2 23.2 34.8
59 10.3 9.4 14.0





#23

Vinyl Acetate

Concen: 95.969 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS02

Tgt Ion: 43 Resp: 326380

Ion Ratio Lower Upper

43 100

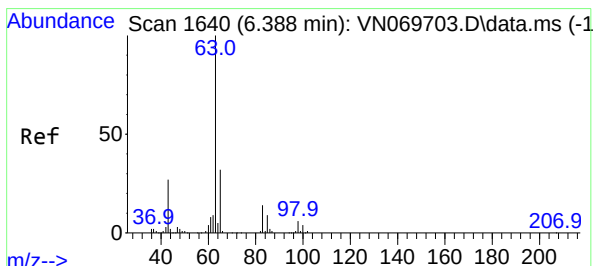
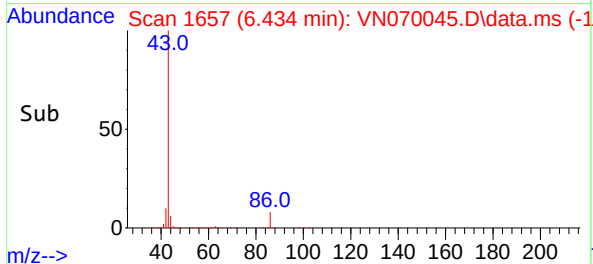
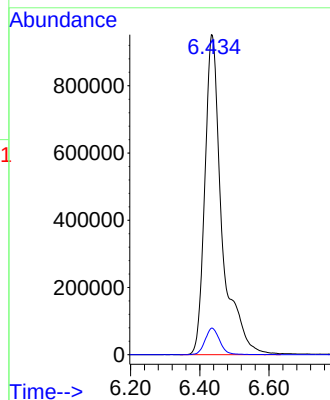
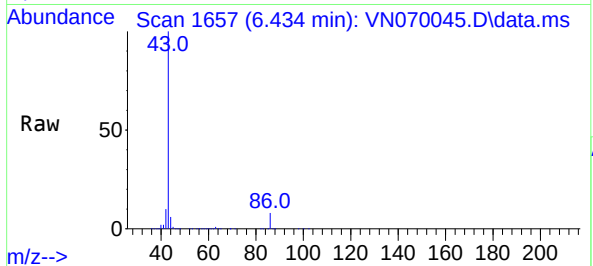
86 8.3 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#24

1,1-Dichloroethane

Concen: 19.586 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

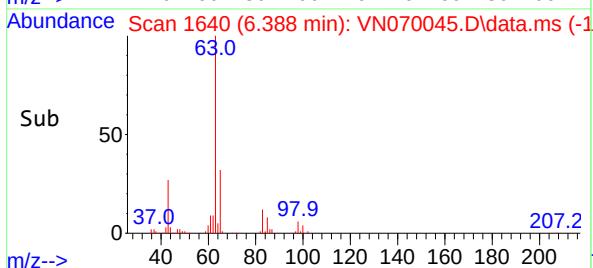
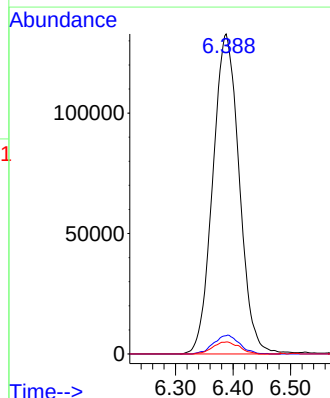
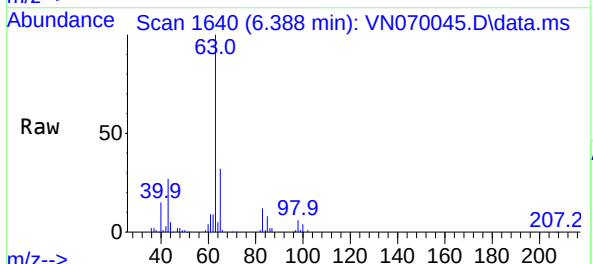
Tgt Ion: 63 Resp: 424124

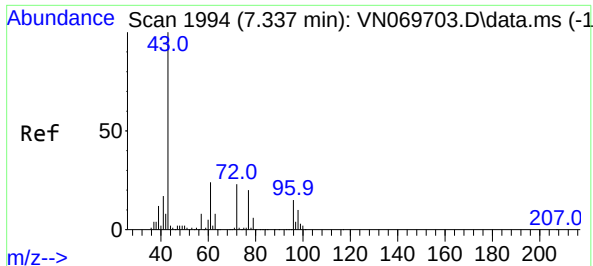
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.9

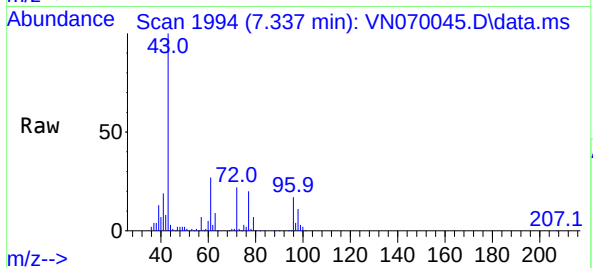
100 3.8 2.1 6.5





#25
2-Butanone
Concen: 85.748 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

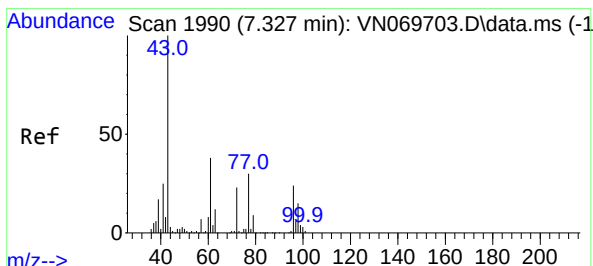
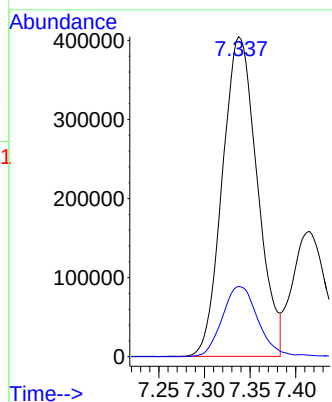
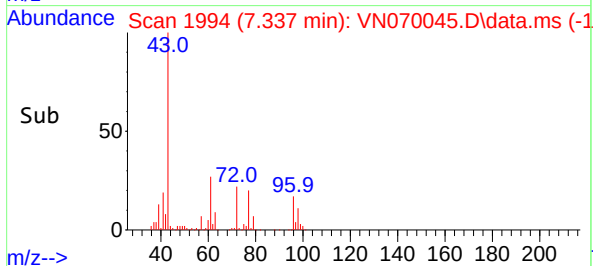
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



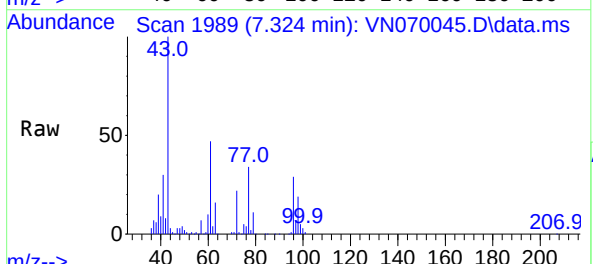
Tgt Ion: 43 Resp: 107821
Ion Ratio Lower Upper
43 100
72 22.0 21.7 32.5

Manual Integrations
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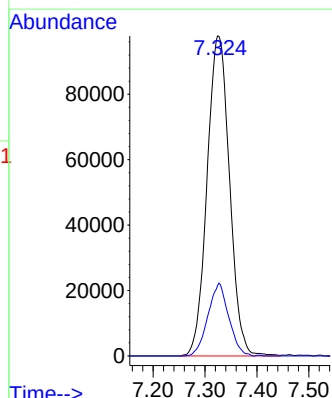
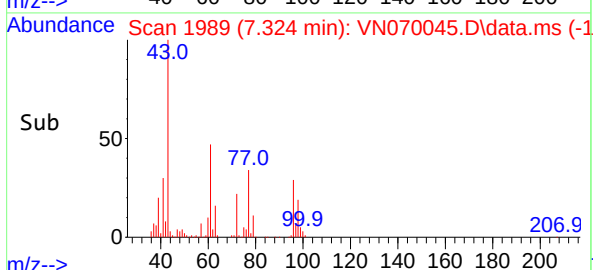
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

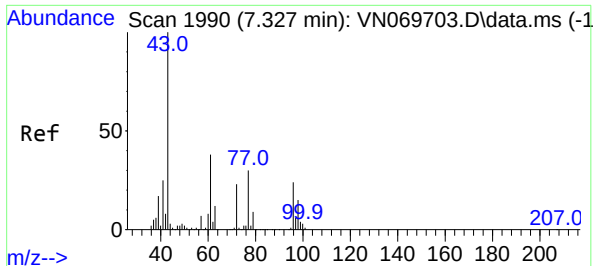


#26
2,2-Dichloropropane
Concen: 17.471 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



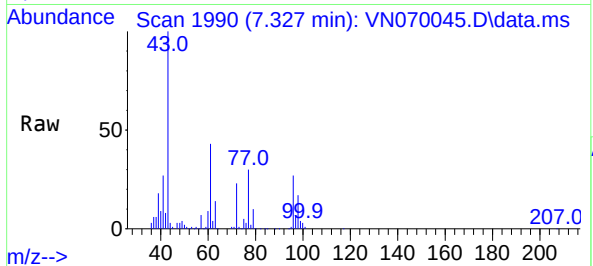
Tgt Ion: 77 Resp: 294146
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.680 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

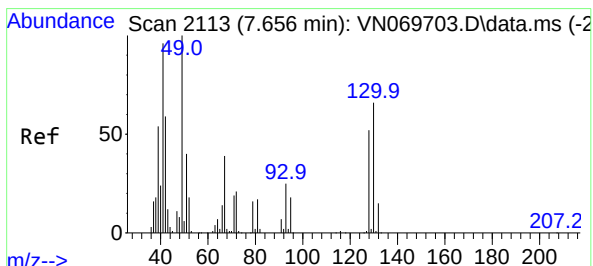
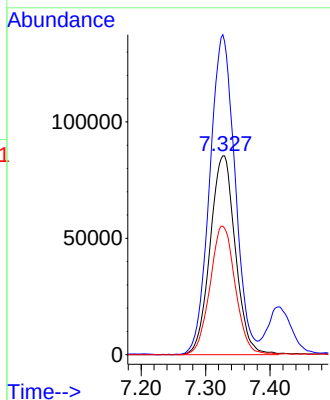
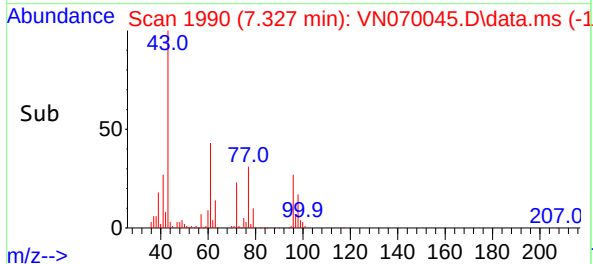
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



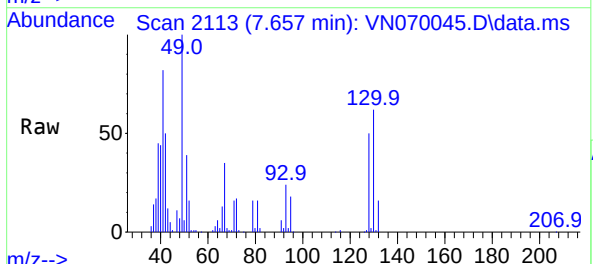
Tgt Ion: 96 Resp: 23266
Ion Ratio Lower Upper
96 100
61 160.6 0.0 275.0
98 64.5 0.0 129.6

Manual Integrations
APPROVED

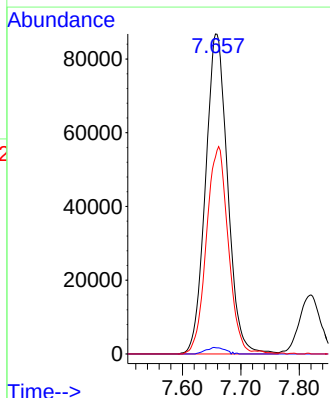
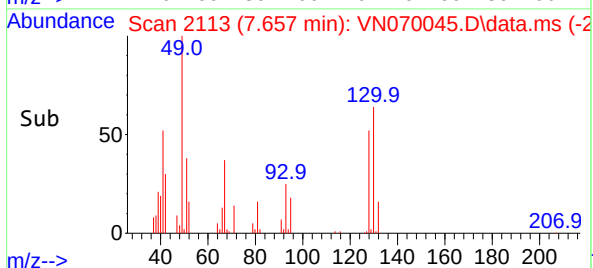
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

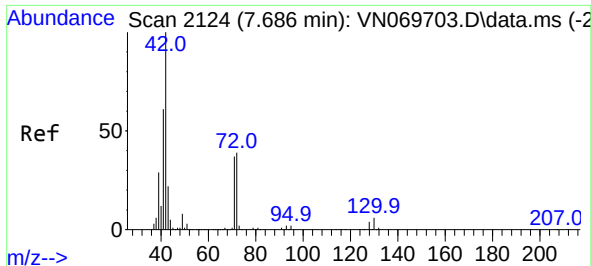


#28
Bromochloromethane
Concen: 20.289 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 49 Resp: 228469
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 63.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 92.228 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS02

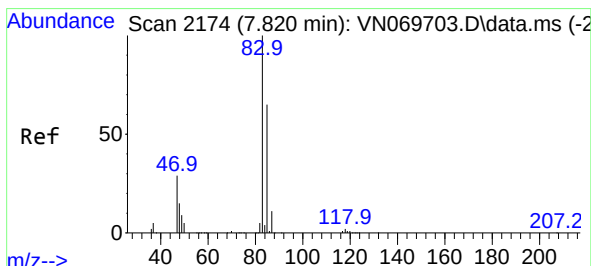
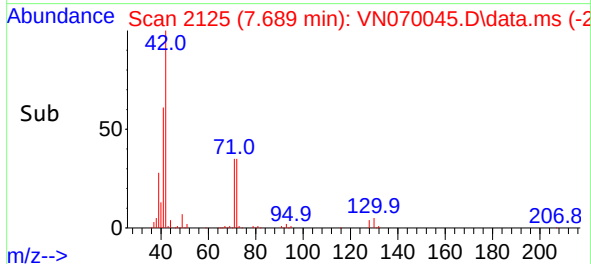
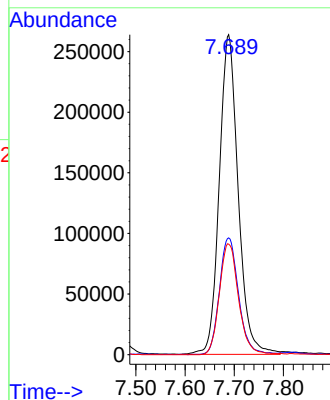
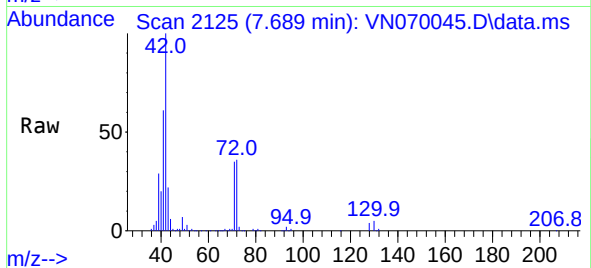
Tgt Ion: 42 Resp: 704200

Ion	Ratio	Lower	Upper
42	100		
72	36.6	36.3	54.5
71	35.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#30

Chloroform

Concen: 19.896 ug/l

RT: 7.820 min Scan# 2174

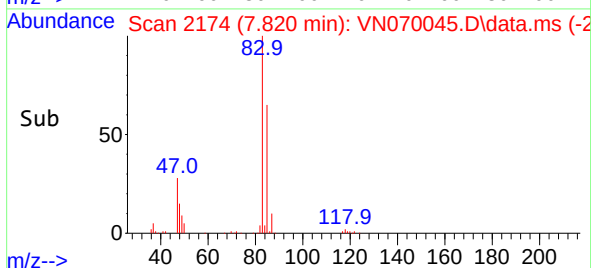
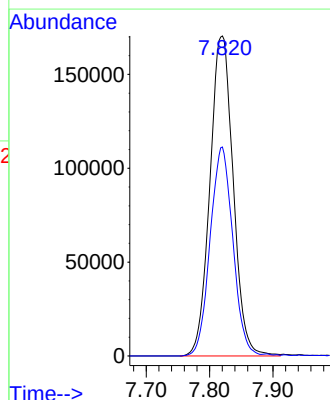
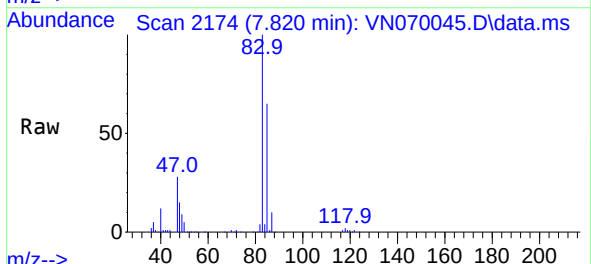
Delta R.T. 0.000 min

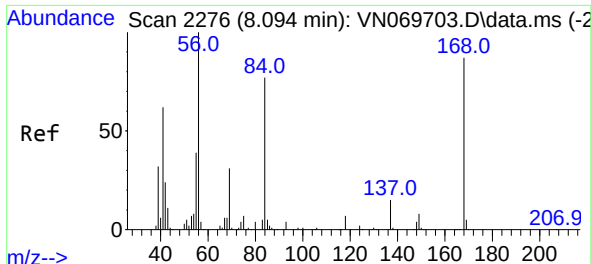
Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Tgt Ion: 83 Resp: 435115

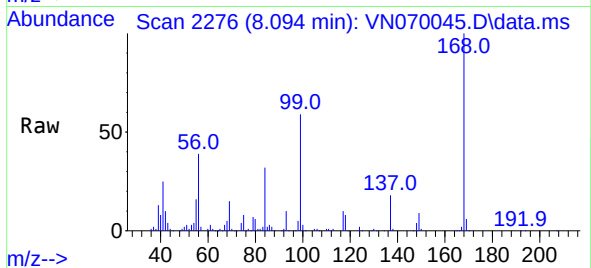
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31
Cyclohexane
Concen: 18.244 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

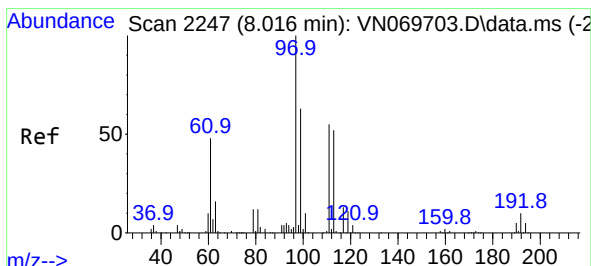
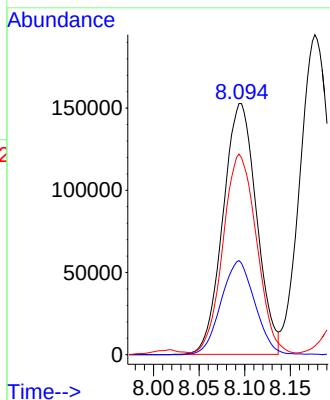
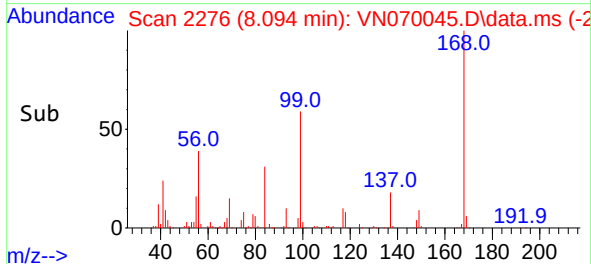
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



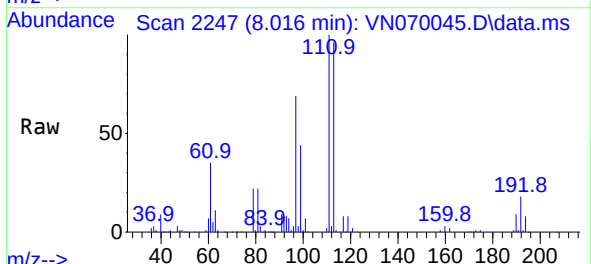
Tgt Ion: 56 Resp: 390612
Ion Ratio Lower Upper
56 100
69 37.5 27.1 40.7
84 78.8 73.4 110.0

Manual Integrations
APPROVED

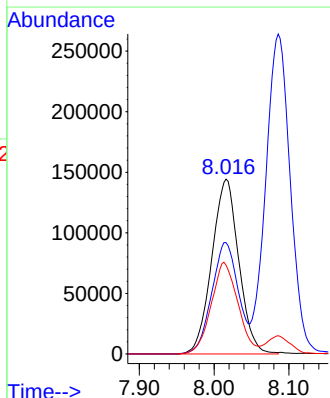
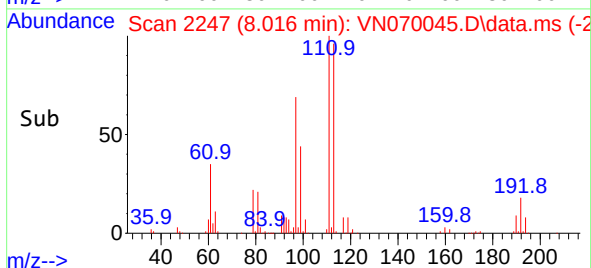
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

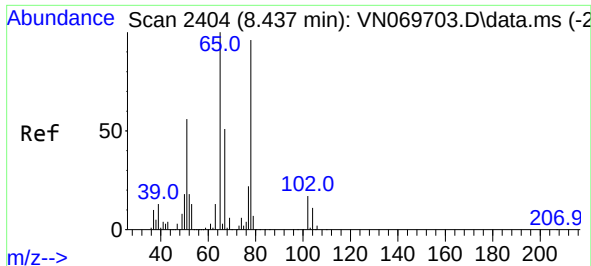


#32
1,1,1-Trichloroethane
Concen: 19.437 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 97 Resp: 362079
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 52.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.767 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS02

Tgt Ion: 65 Resp: 765652

Ion Ratio Lower Upper

65 100

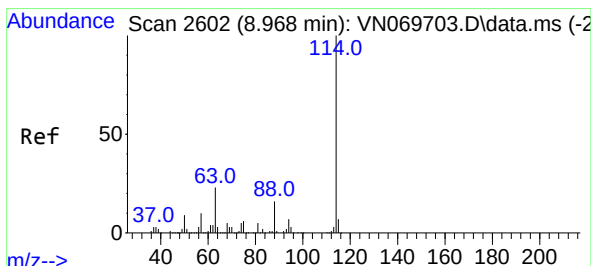
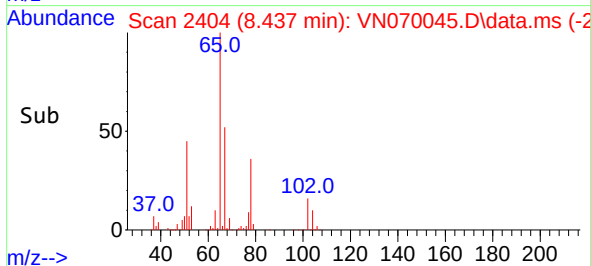
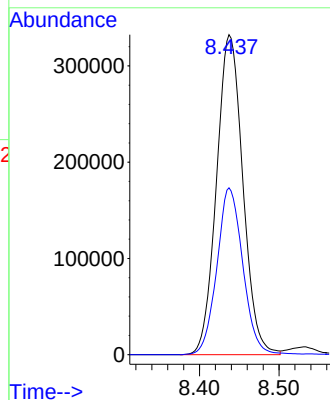
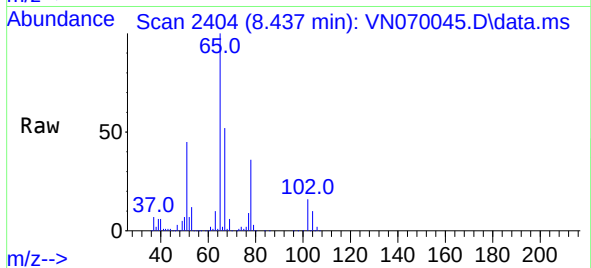
67 51.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

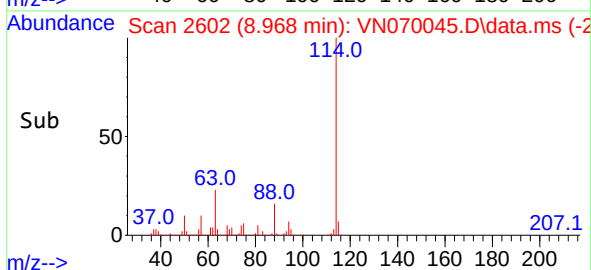
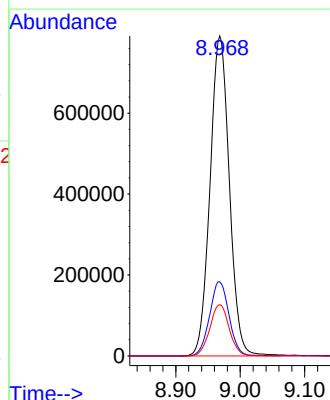
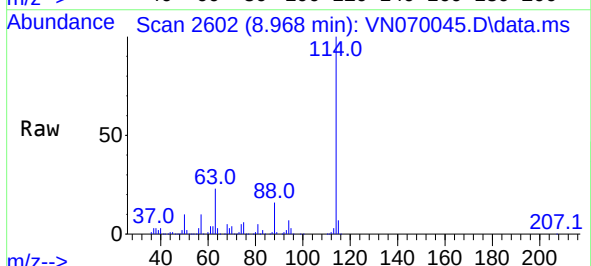
Tgt Ion:114 Resp: 1644189

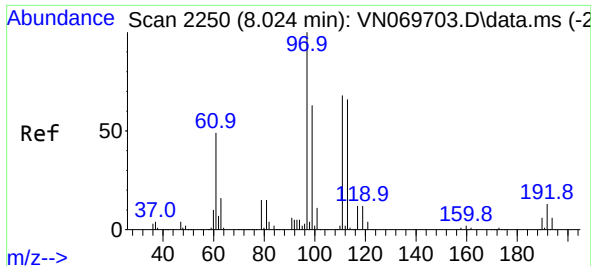
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

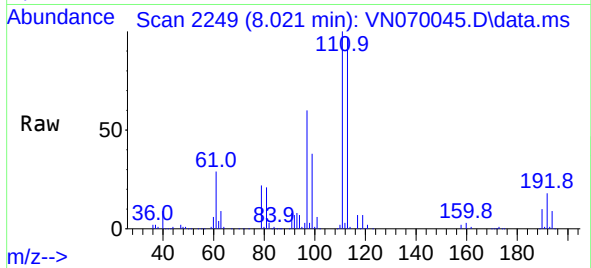
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.085 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

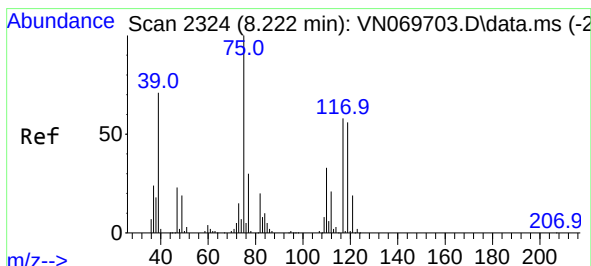
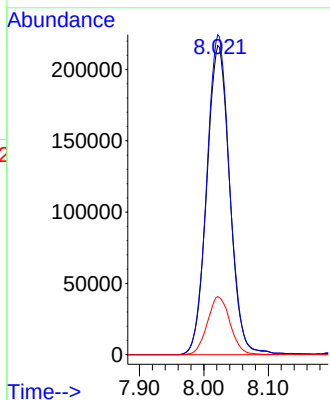
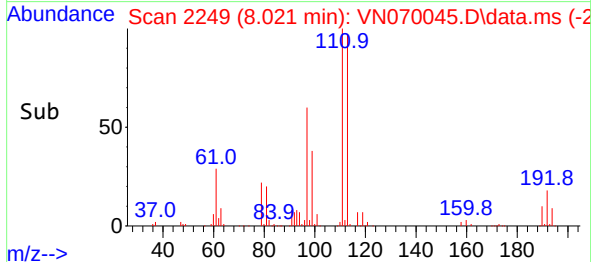
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



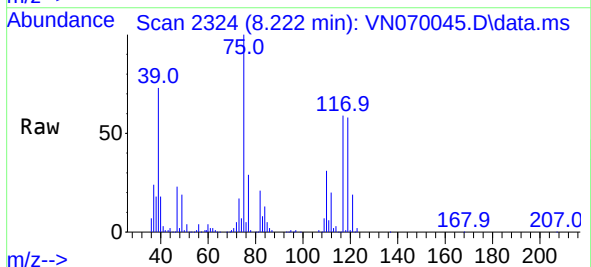
Tgt Ion:113 Resp: 536414
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.6 16.9 25.3

Manual Integrations
APPROVED

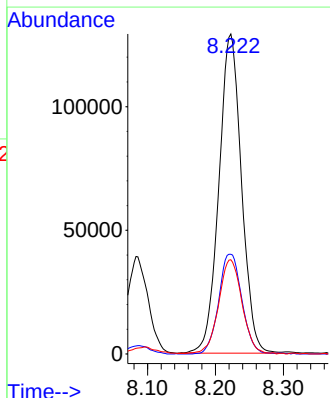
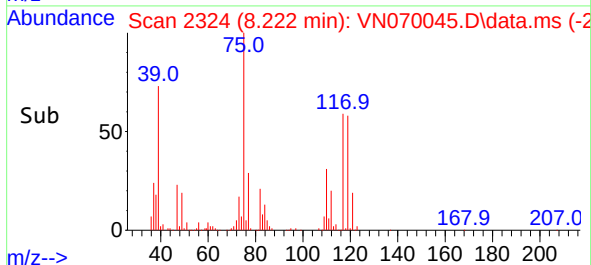
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

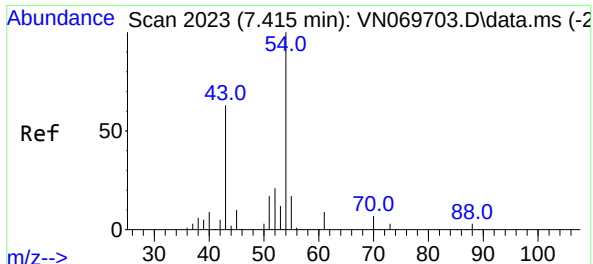


#36
1,1-Dichloropropene
Concen: 19.061 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



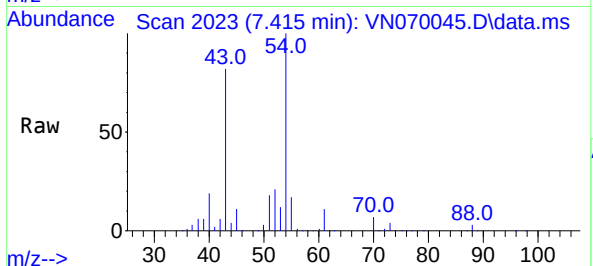
Tgt Ion: 75 Resp: 298349
Ion Ratio Lower Upper
75 100
110 32.0 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 17.275 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

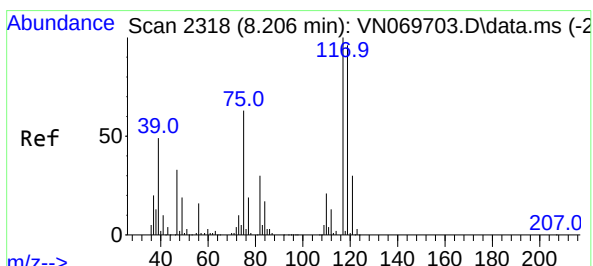
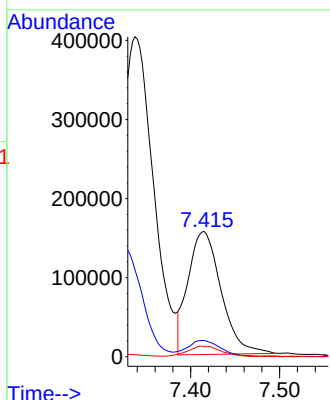
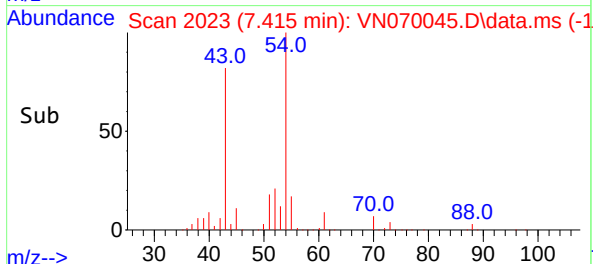
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



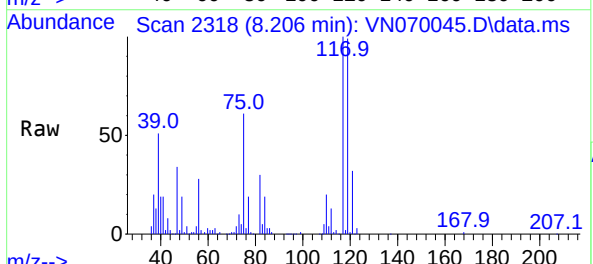
Tgt Ion: 43 Resp: 40245
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.3 7.9 11.9

Manual Integrations
APPROVED

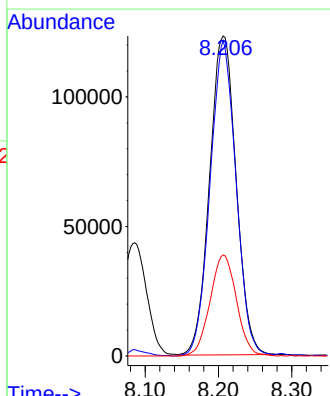
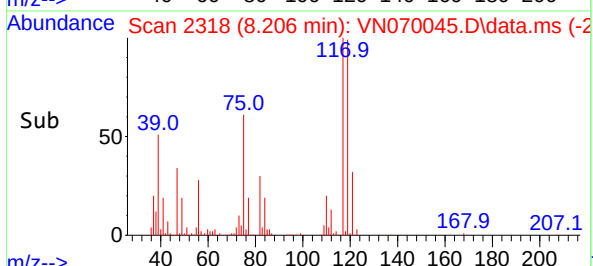
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

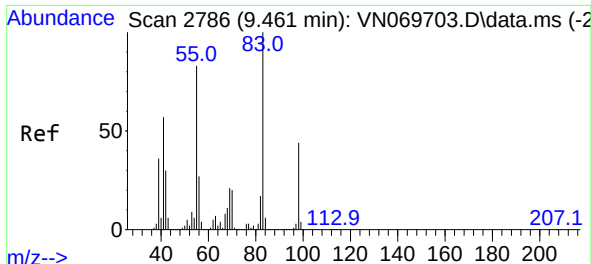


#38
Carbon Tetrachloride
Concen: 20.167 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



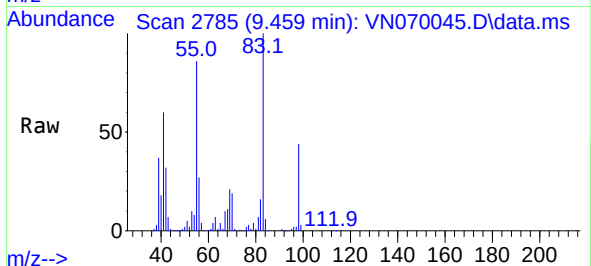
Tgt Ion:117 Resp: 309544
Ion Ratio Lower Upper
117 100
119 99.0 76.1 114.1
121 31.7 24.2 36.2





#39
Methylcyclohexane
Concen: 17.734 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

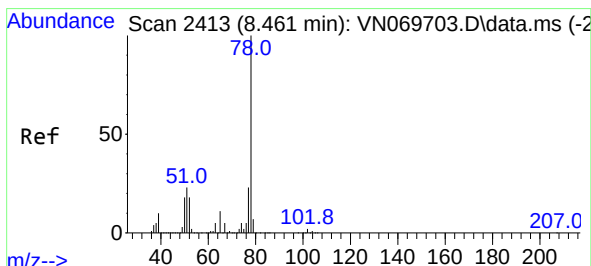
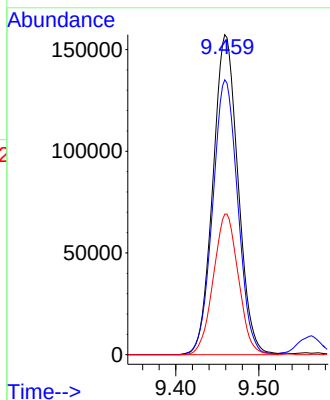
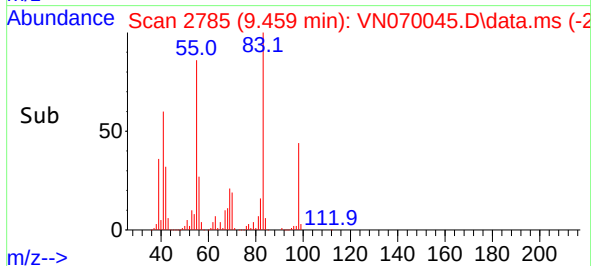
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



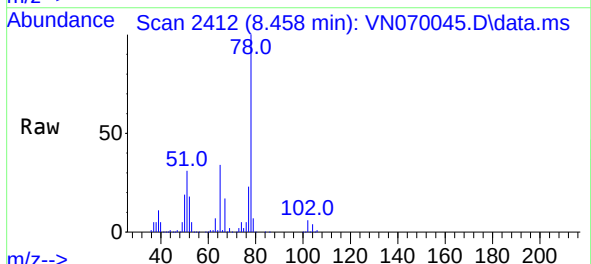
Tgt Ion: 83 Resp: 330178
Ion Ratio Lower Upper
83 100
55 85.9 58.1 87.1
98 43.9 38.4 57.6

Manual Integrations
APPROVED

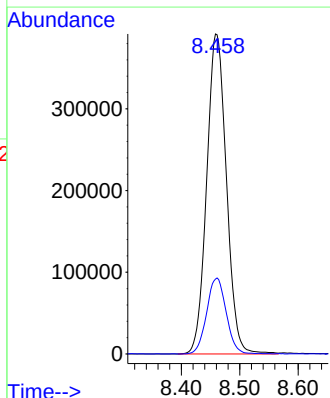
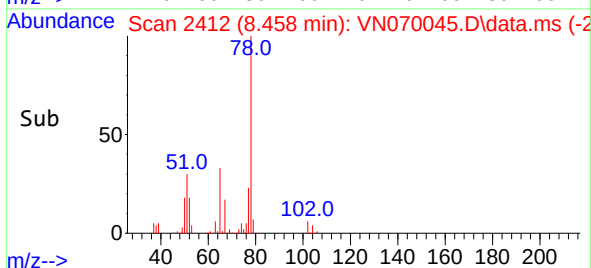
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

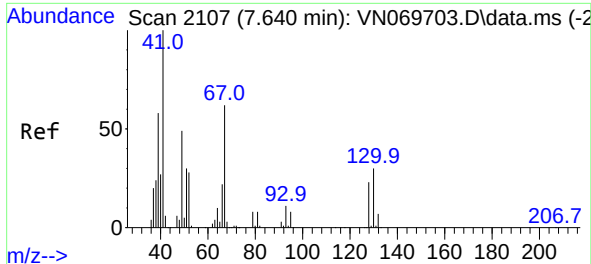


#40
Benzene
Concen: 19.188 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



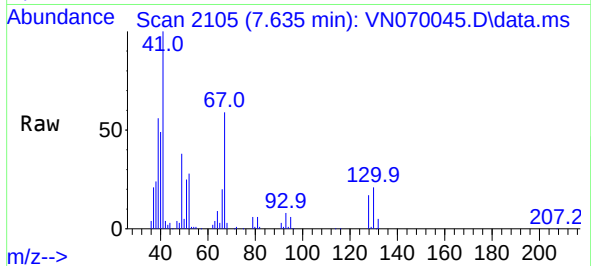
Tgt Ion: 78 Resp: 918016
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 19.795 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

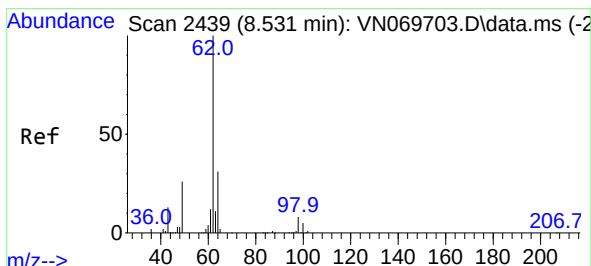
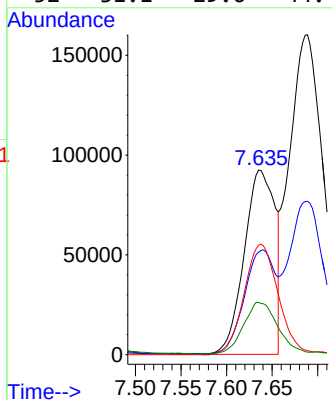
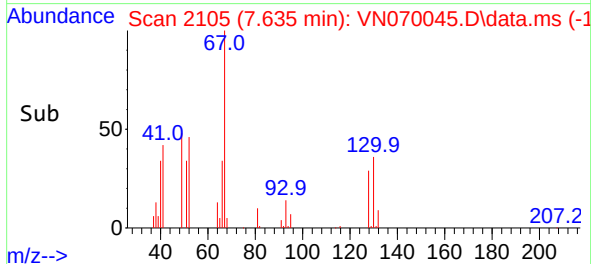
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



Tgt Ion: 41 Resp: 21647
Ion Ratio Lower Upper
41 100
39 56.9 48.1 72.1
67 67.5 68.3 102.5
52 31.1 29.6 44.4

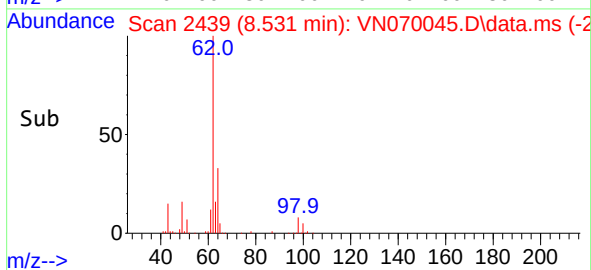
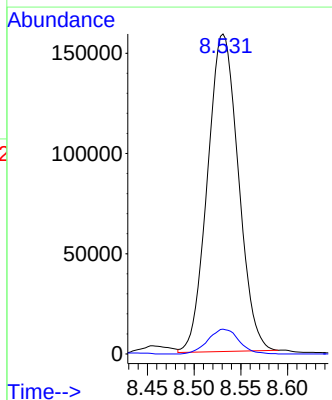
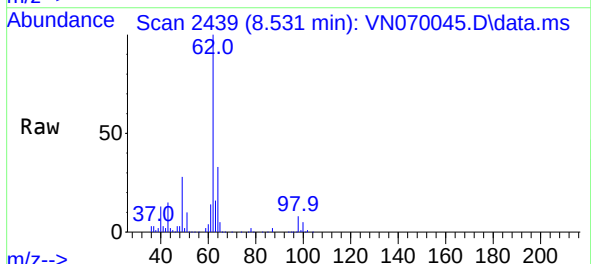
Manual Integrations
APPROVED

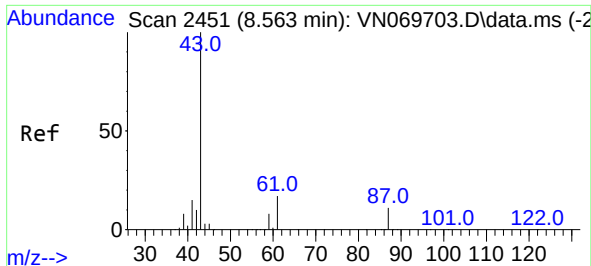
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#42
1,2-Dichloroethane
Concen: 18.865 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 62 Resp: 364349
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 18.406 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS02

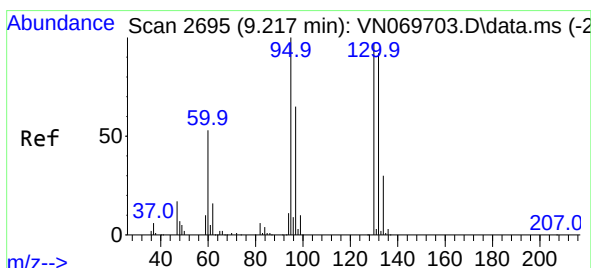
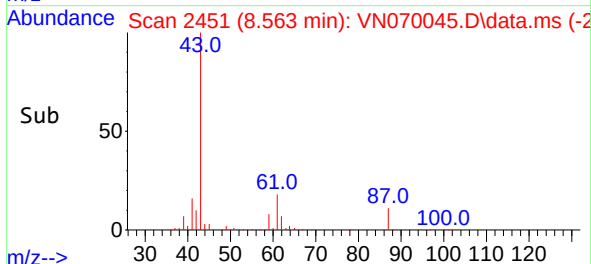
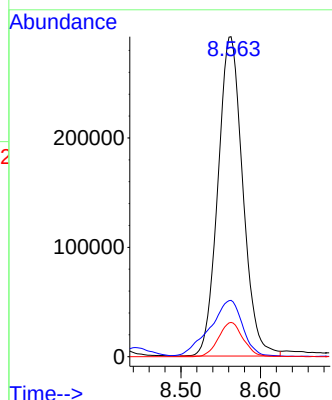
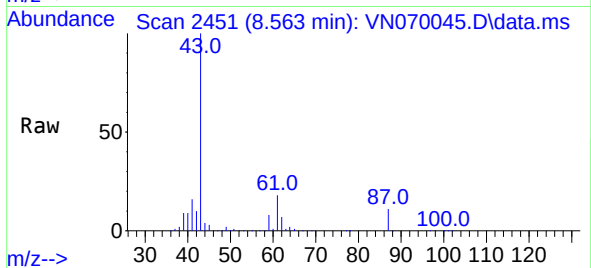
Tgt Ion: 43 Resp: 634544

Ion	Ratio	Lower	Upper
43	100		
61	23.2	20.4	30.6
87	10.6	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#44

Trichloroethene

Concen: 18.488 ug/l

RT: 9.217 min Scan# 2695

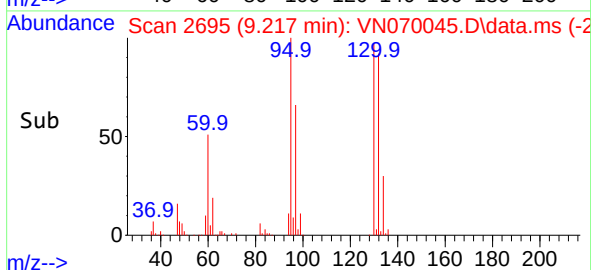
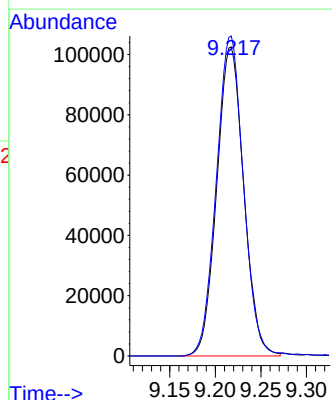
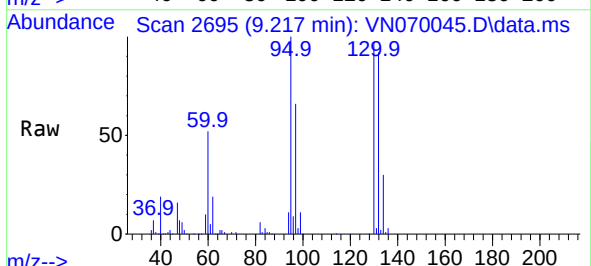
Delta R.T. 0.000 min

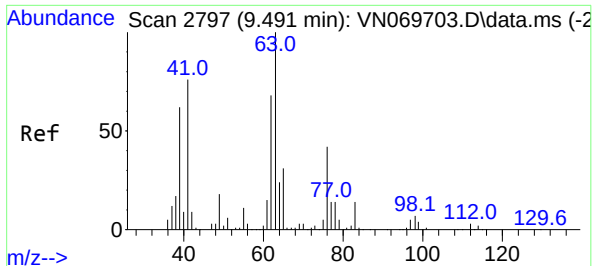
Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Tgt Ion:130 Resp: 211115

Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	191.2





#45

1,2-Dichloropropane

Concen: 19.697 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS02

Tgt Ion: 63 Resp: 253062

Ion Ratio Lower Upper

63 100

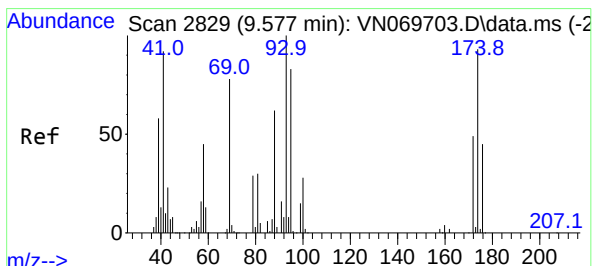
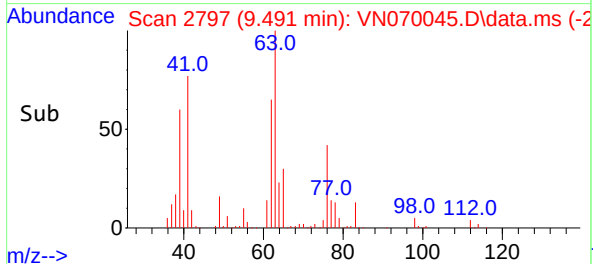
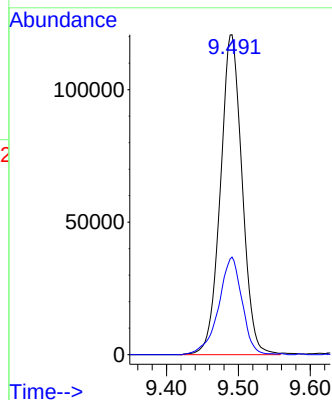
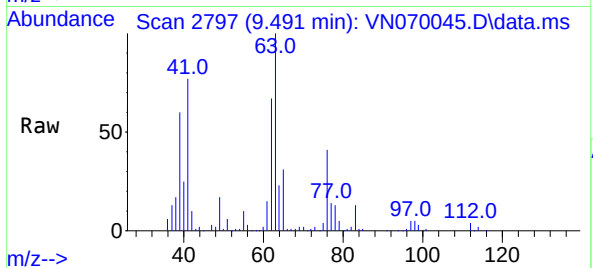
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#46

Dibromomethane

Concen: 19.381 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

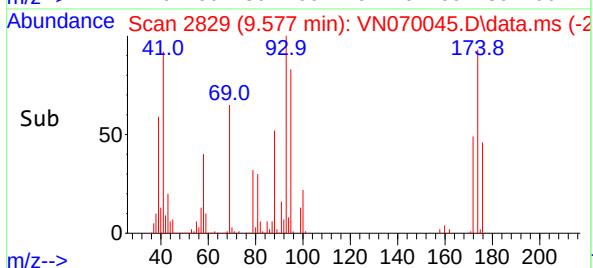
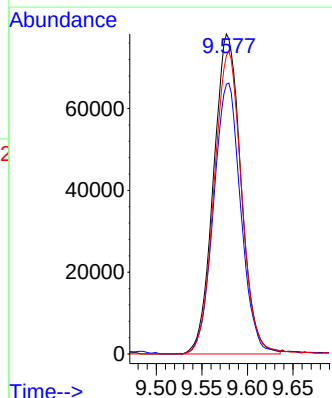
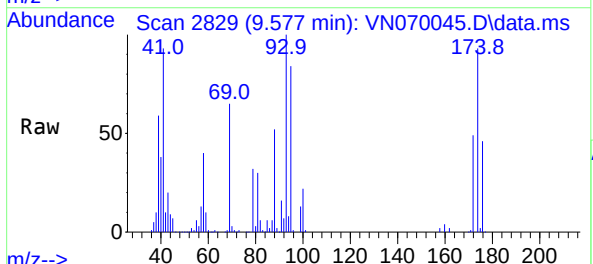
Tgt Ion: 93 Resp: 163297

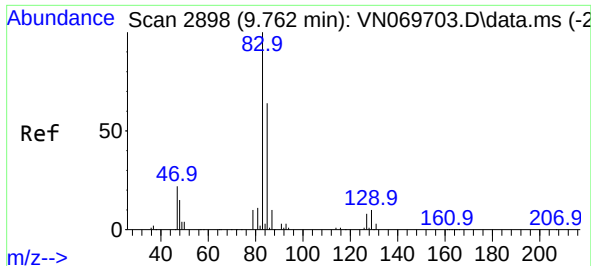
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

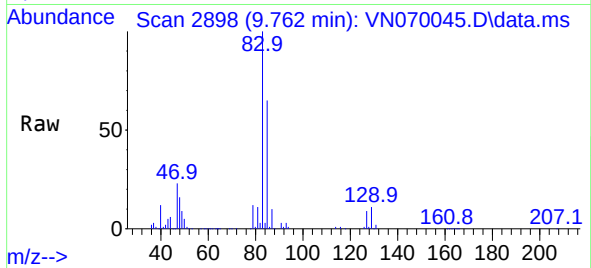
174 94.6 84.6 127.0





#47
Bromodichloromethane
Concen: 21.901 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

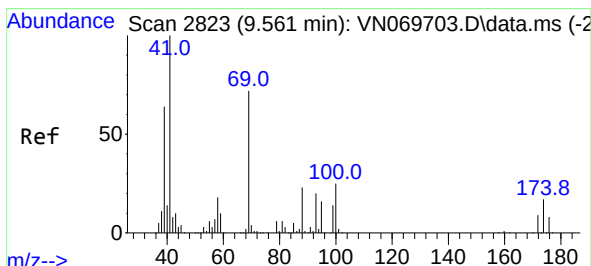
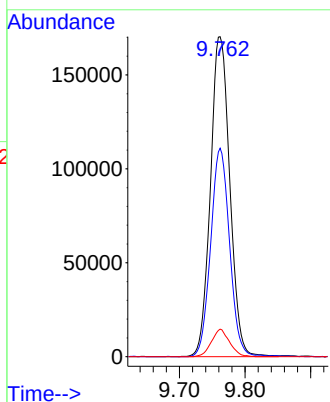
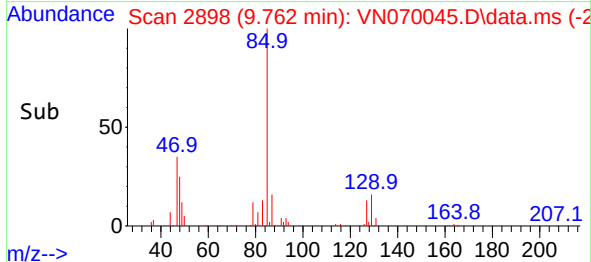
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



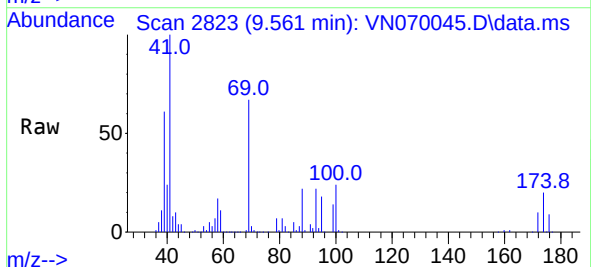
Tgt Ion: 83 Resp: 349395
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 8.6 7.1 10.7

Manual Integrations
APPROVED

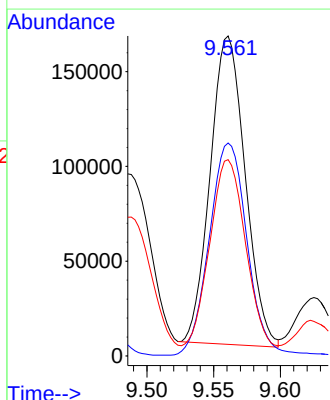
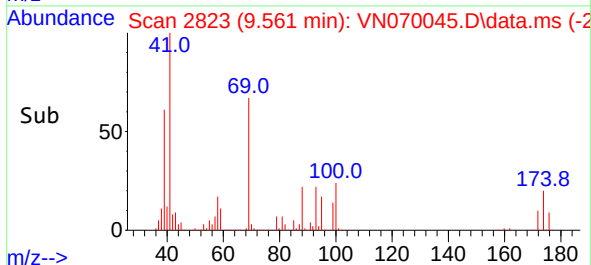
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

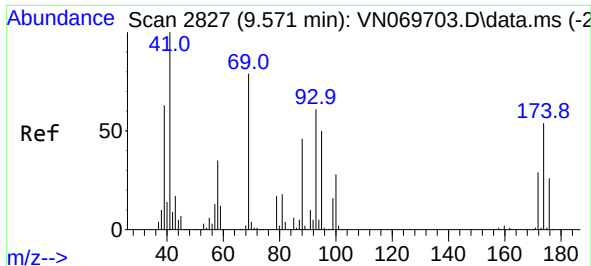


#48
Methyl methacrylate
Concen: 18.465 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 41 Resp: 297077
Ion Ratio Lower Upper
41 100
69 74.4 72.4 108.6
39 67.4 58.4 87.6





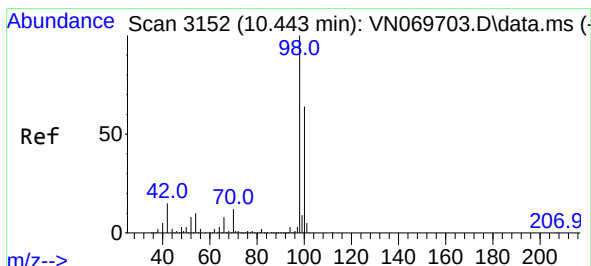
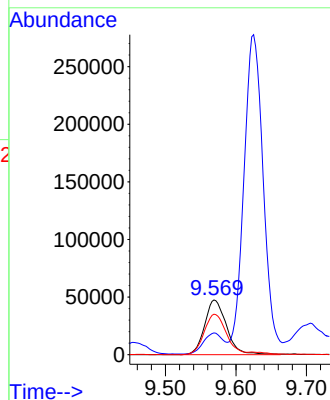
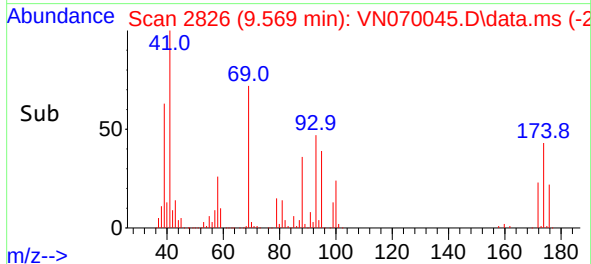
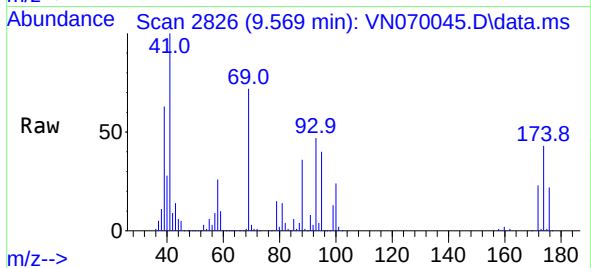
#49
1,4-Dioxane
Concen: 355.047 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion: 88 Resp: 102494
Ion Ratio Lower Upper
88 100
43 34.6 23.4 35.2
58 74.8 50.6 75.8

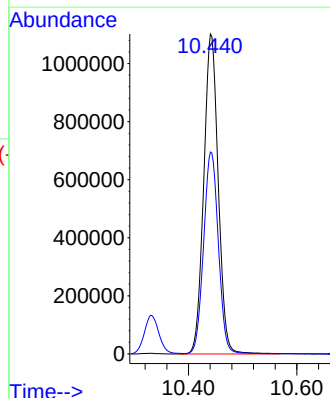
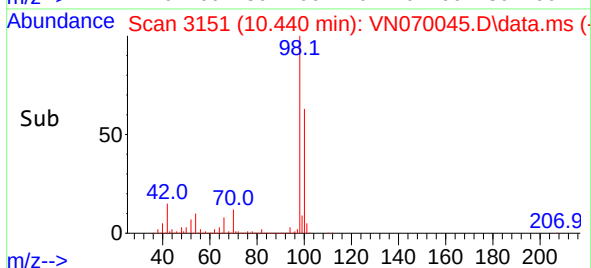
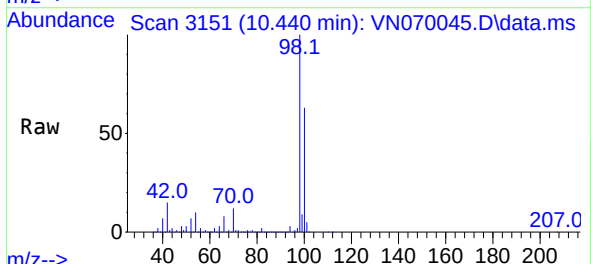
Manual Integrations
APPROVED

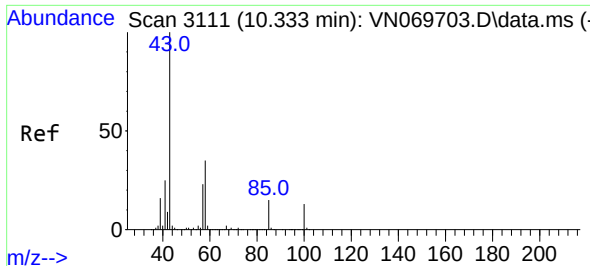
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#50
Toluene-d8
Concen: 49.573 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 98 Resp: 2049992
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





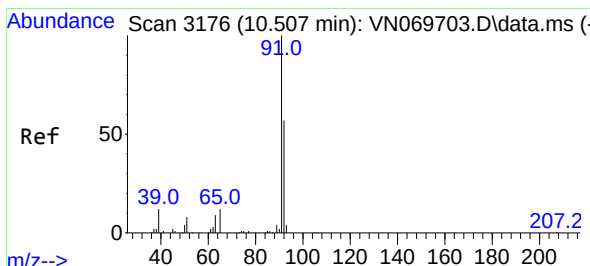
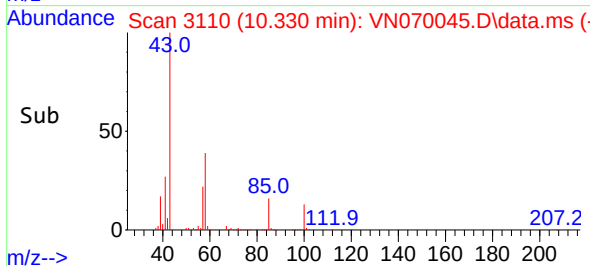
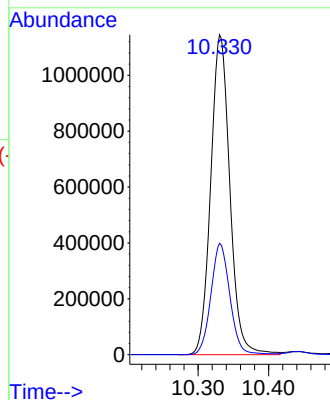
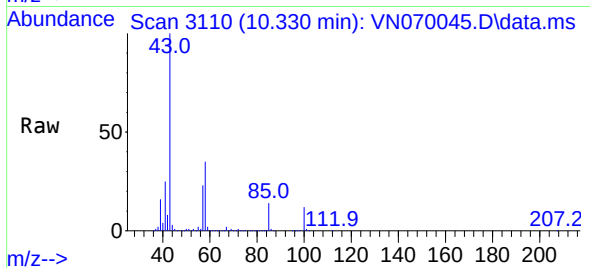
#51
4-Methyl-2-Pentanone
Concen: 96.403 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion: 43 Resp: 2156020
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

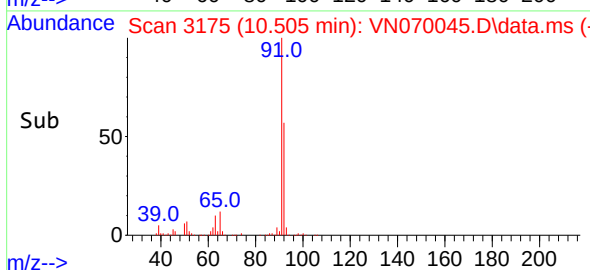
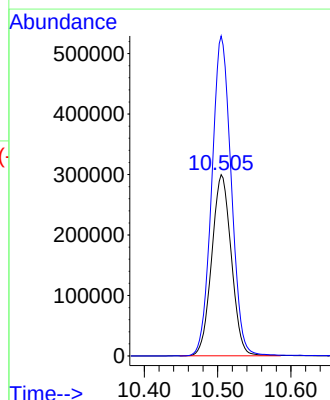
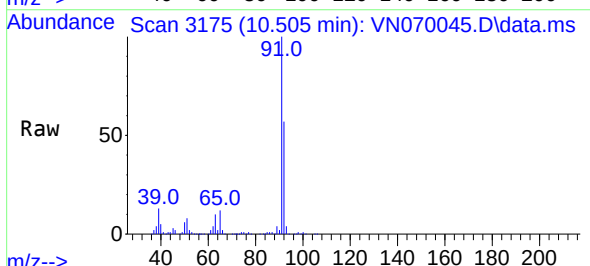
Manual Integrations
APPROVED

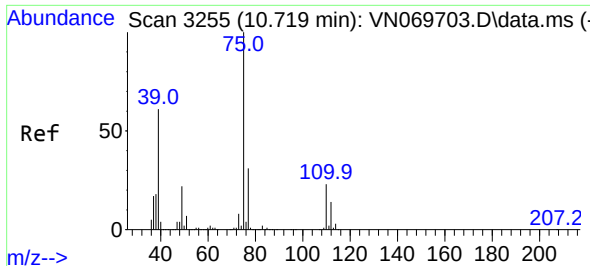
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#52
Toluene
Concen: 19.006 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 92 Resp: 555150
Ion Ratio Lower Upper
92 100
91 176.5 142.0 213.0





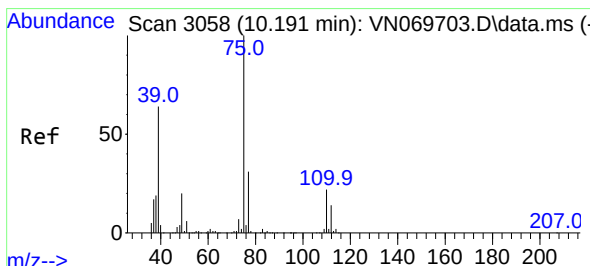
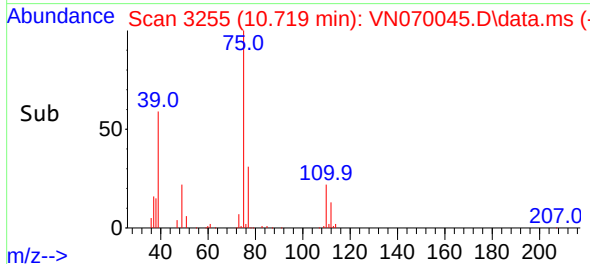
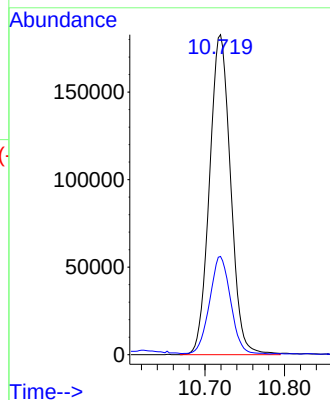
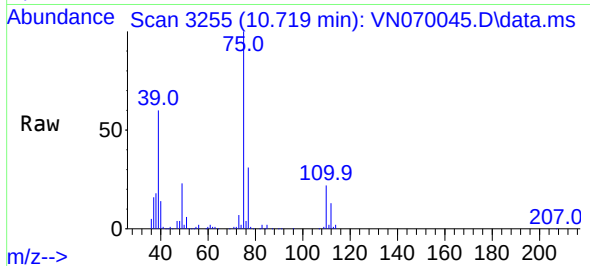
#53
t-1,3-Dichloropropene
Concen: 19.356 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion: 75 Resp: 336639
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

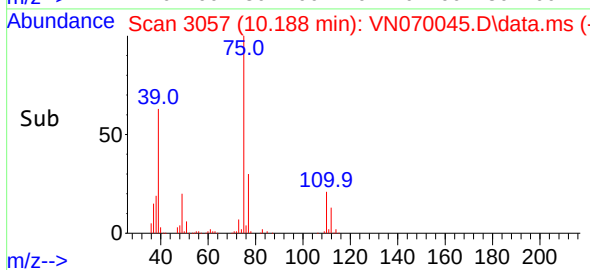
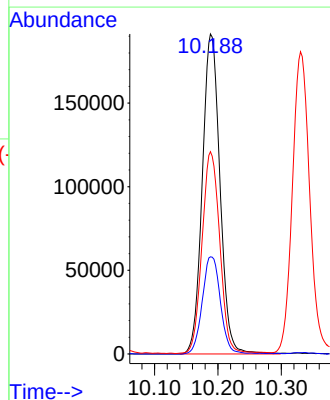
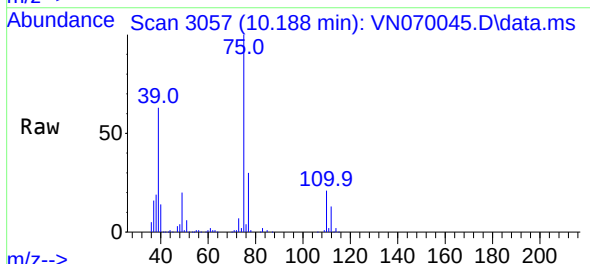
Manual Integrations
APPROVED

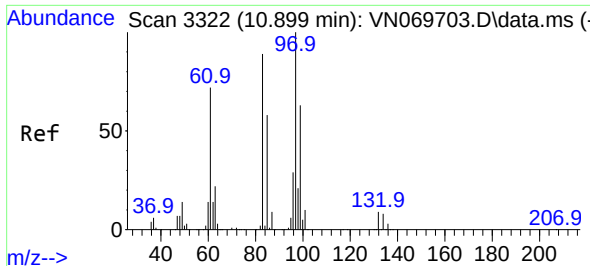
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 19.641 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

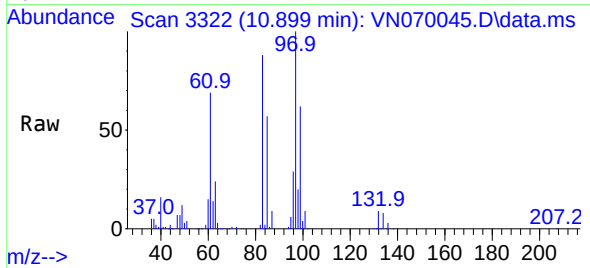
Tgt Ion: 75 Resp: 370107
Ion Ratio Lower Upper
75 100
77 30.3 26.4 39.6
39 62.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.450 ug/l
RT: 10.899 min Scan# 3122
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

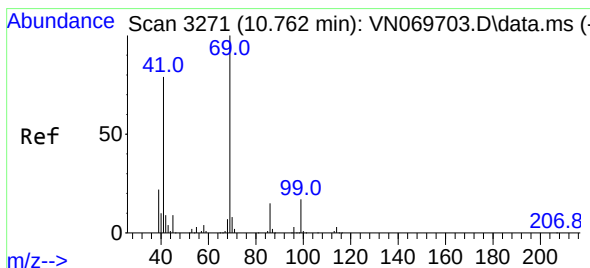
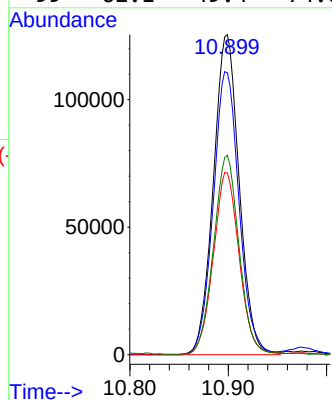


Tgt Ion: 97 Resp: 229223

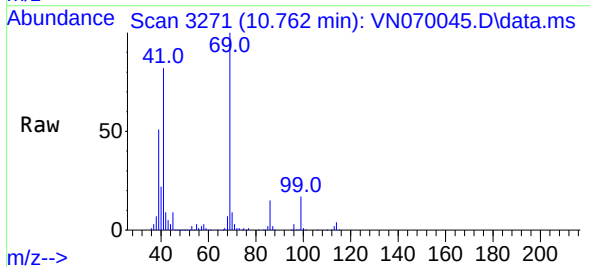
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	56.8	45.4	68.2
99	62.1	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

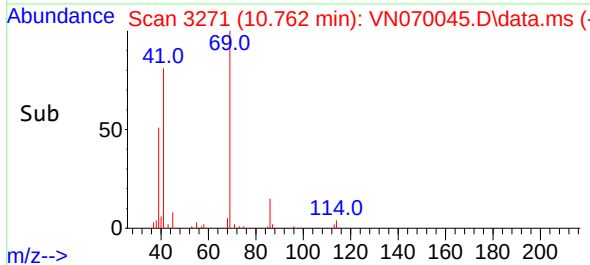
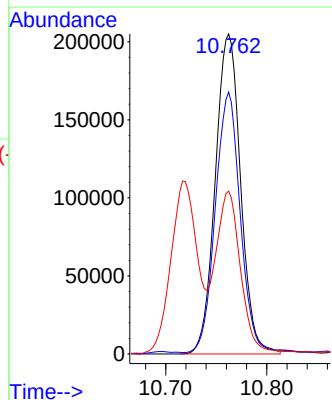


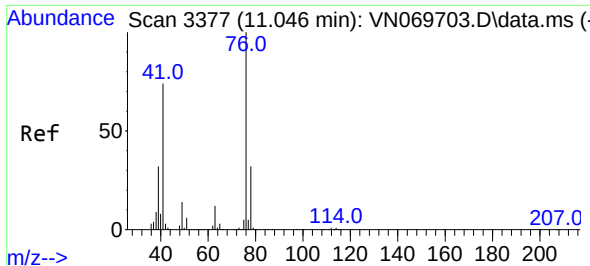
#56
Ethyl methacrylate
Concen: 17.580 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 69 Resp: 356480

Ion	Ratio	Lower	Upper
69	100		
41	80.1	51.4	77.0#
39	48.8	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.307 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070045.D

Acq: 13 Dec 2021 22:00

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS02

Tgt Ion: 76 Resp: 40064

Ion Ratio Lower Upper

76 100

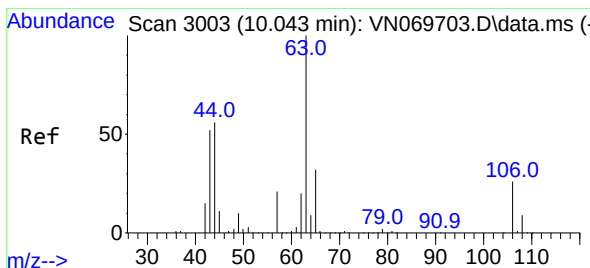
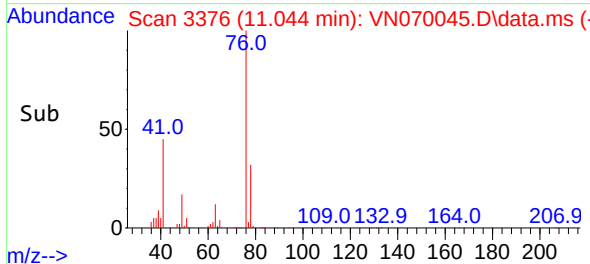
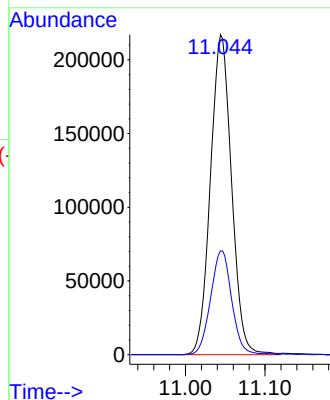
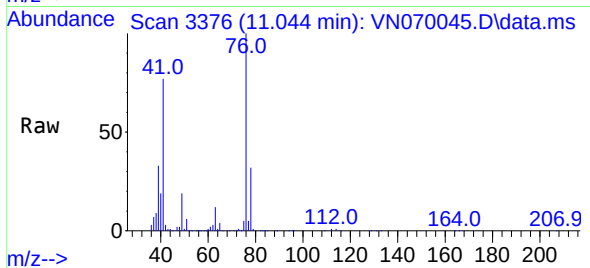
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 79.358 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070045.D

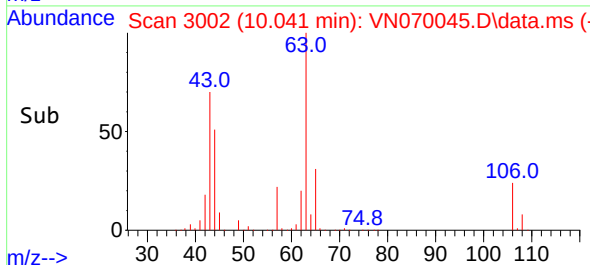
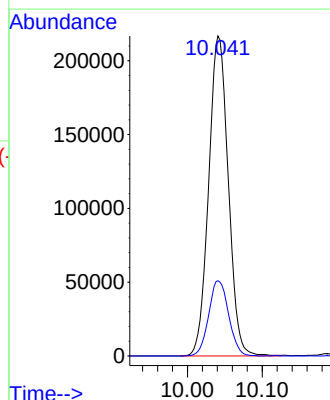
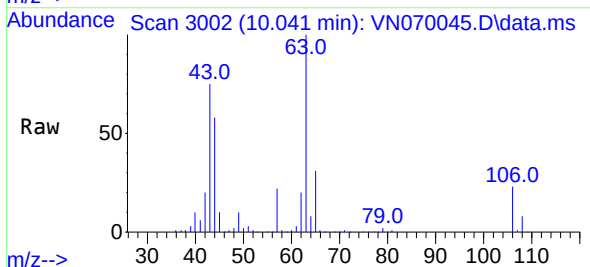
Acq: 13 Dec 2021 22:00

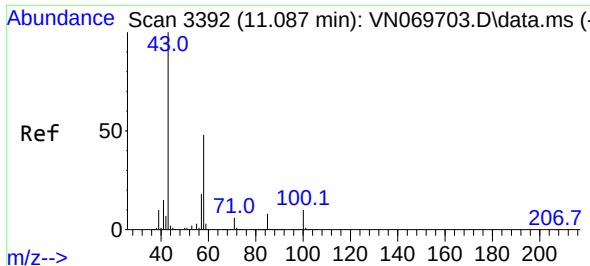
Tgt Ion: 63 Resp: 395187

Ion Ratio Lower Upper

63 100

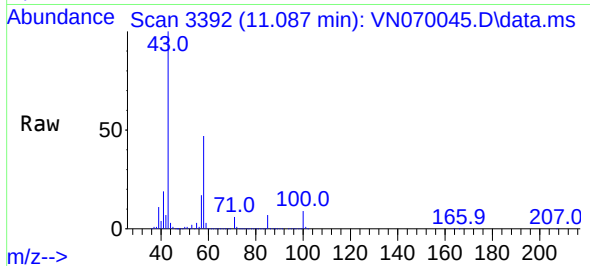
106 23.9 23.9 35.9





#59
2-Hexanone
Concen: 89.702 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

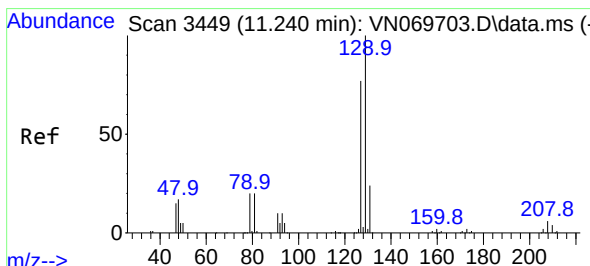
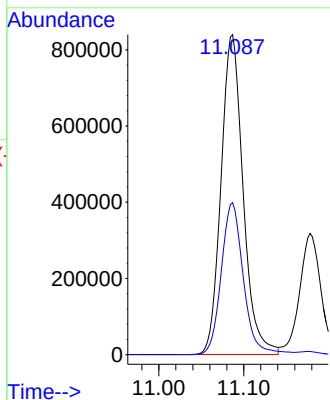
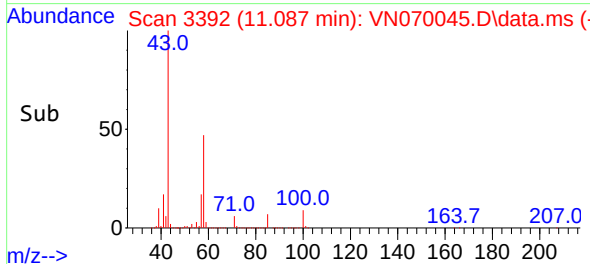
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



Tgt Ion: 43 Resp: 151760
Ion Ratio Lower Upper
43 100
58 47.7 26.9 80.7

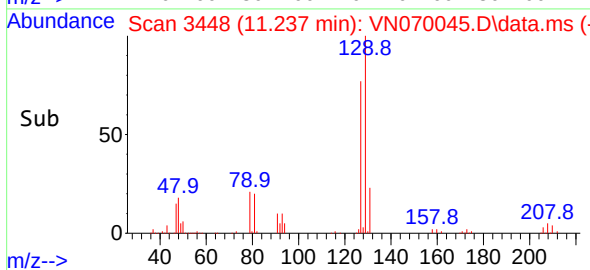
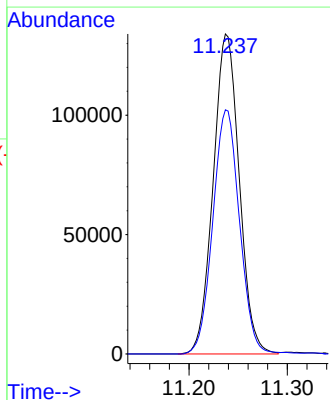
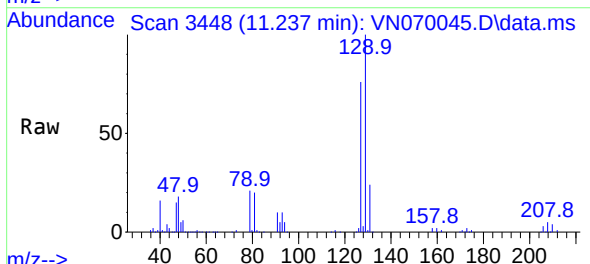
Manual Integrations
APPROVED

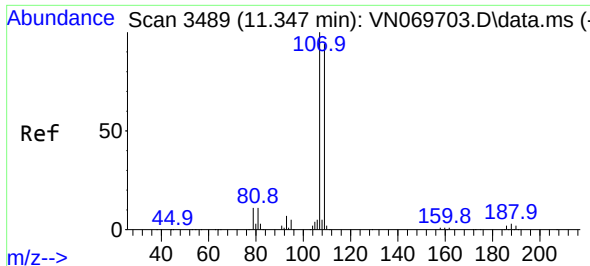
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#60
Dibromochloromethane
Concen: 21.025 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

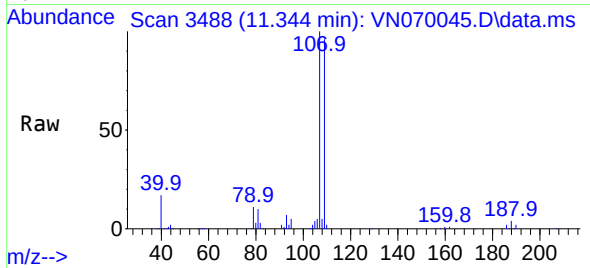
Tgt Ion:129 Resp: 247229
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.635 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

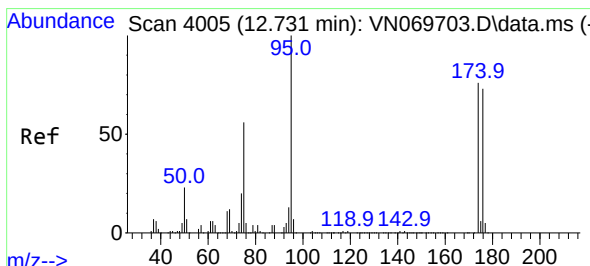
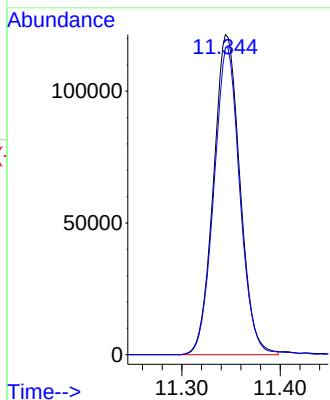
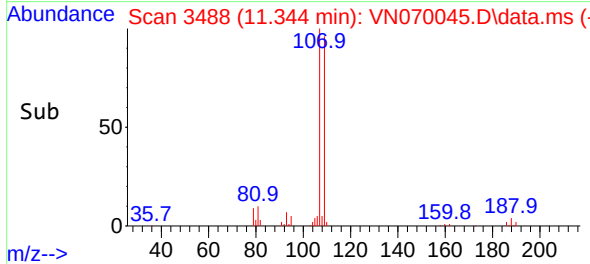
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



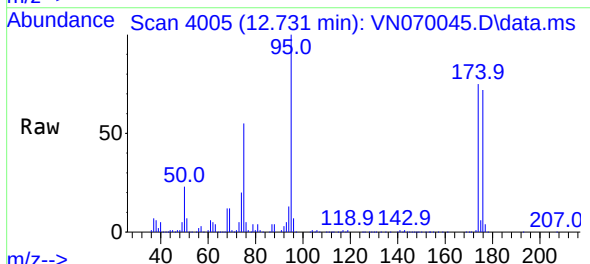
Tgt Ion:107 Resp: 227470
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
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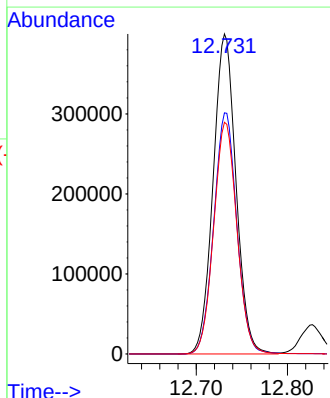
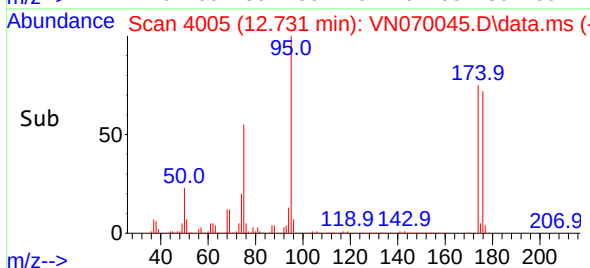
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

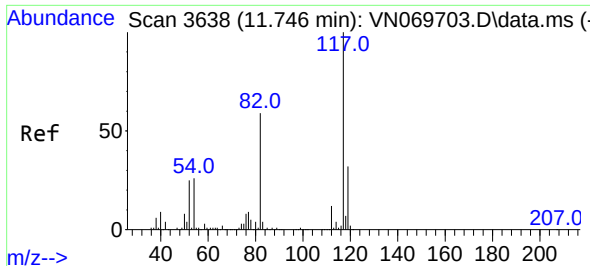


#62
4-Bromofluorobenzene
Concen: 46.481 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



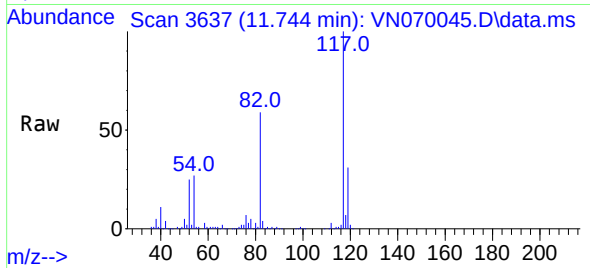
Tgt Ion: 95 Resp: 696352
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

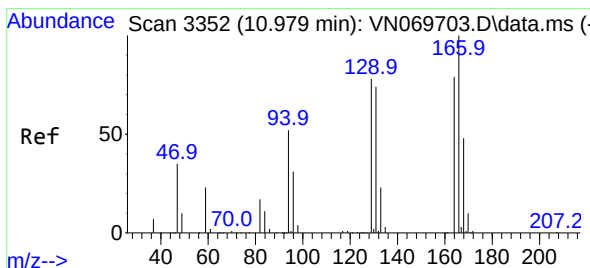
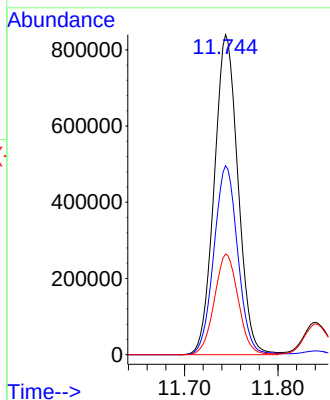
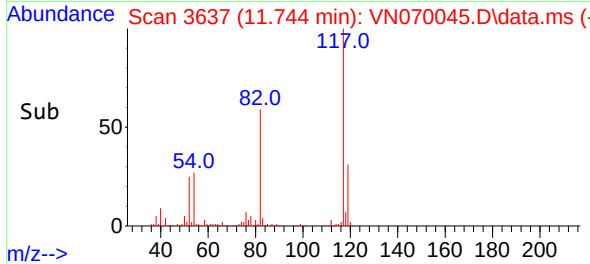
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



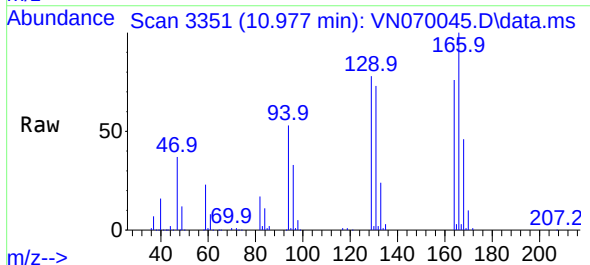
Tgt Ion:117 Resp: 1486670
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
APPROVED

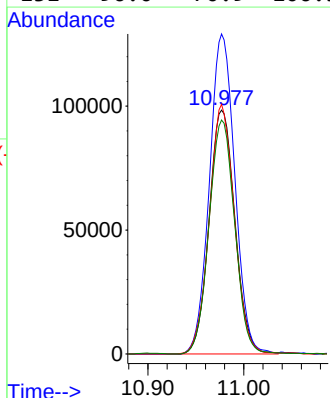
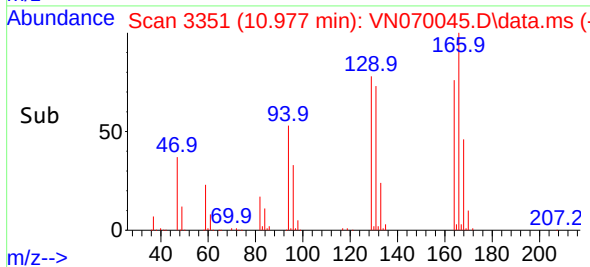
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

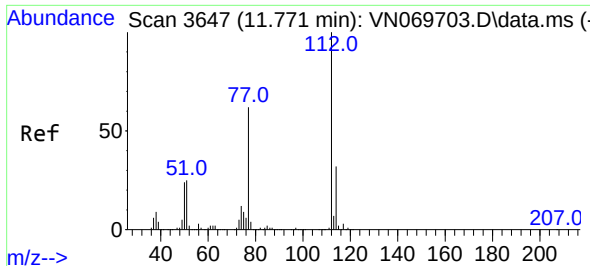


#64
Tetrachloroethene
Concen: 18.285 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



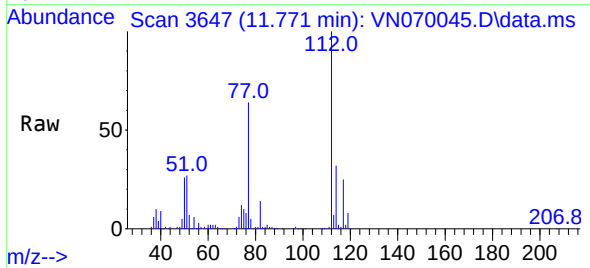
Tgt Ion:164 Resp: 184321
Ion Ratio Lower Upper
164 100
166 131.2 101.9 152.9
129 102.4 72.0 108.0
131 96.0 70.9 106.3





#65
Chlorobenzene
Concen: 19.153 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

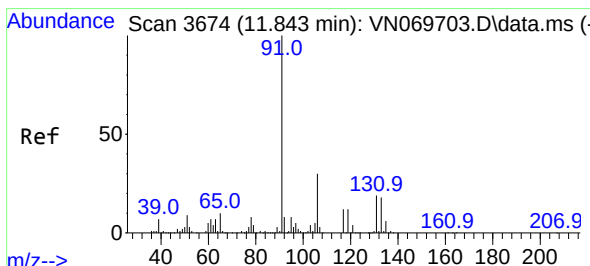
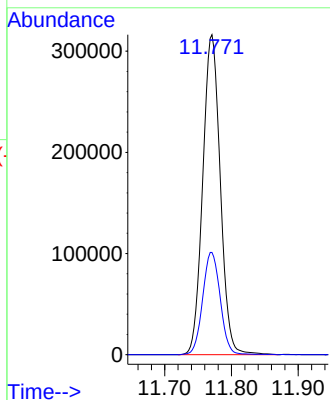
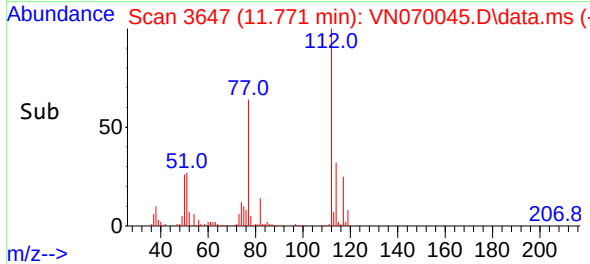
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



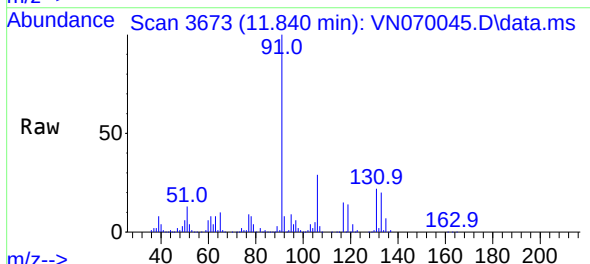
Tgt Ion:112 Resp: 57766
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
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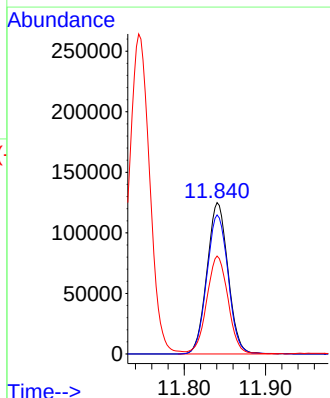
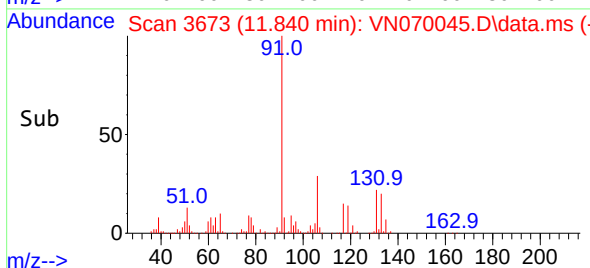
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

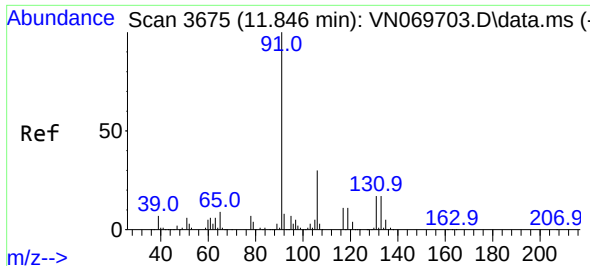


#66
1,1,1,2-Tetrachloroethane
Concen: 21.204 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



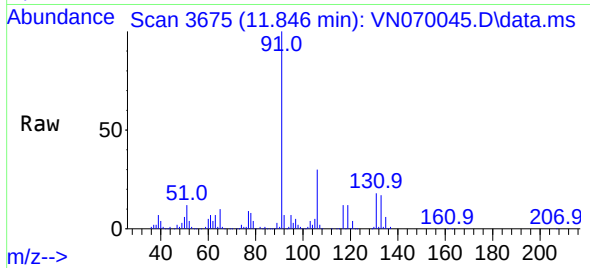
Tgt Ion:131 Resp: 225087
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 19.485 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

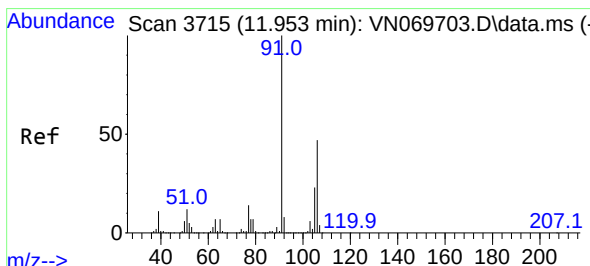
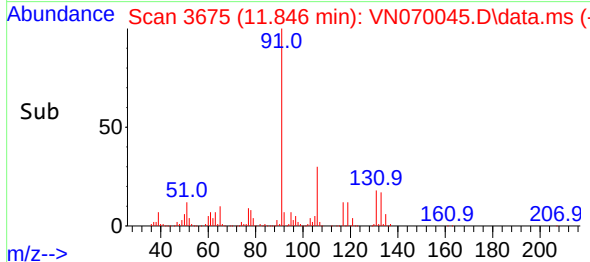
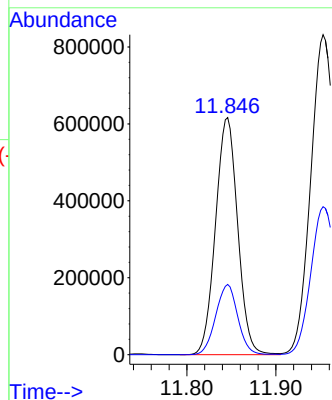
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



Tgt Ion: 91 Resp: 106751
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

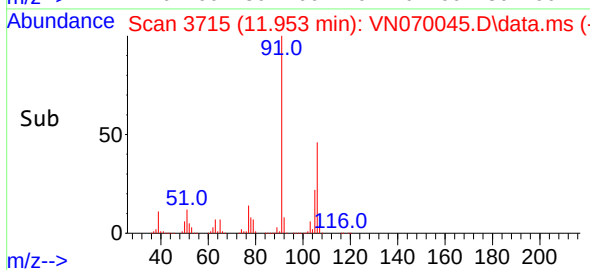
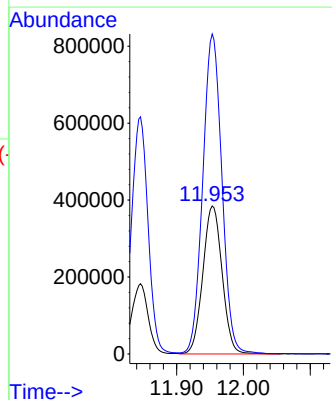
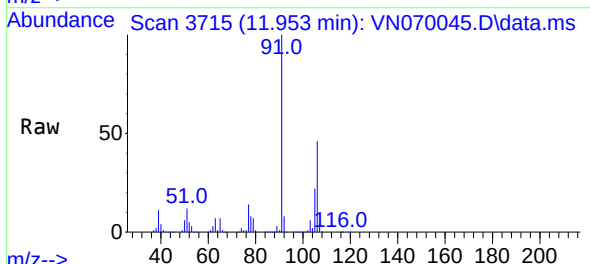
Manual Integrations
APPROVED

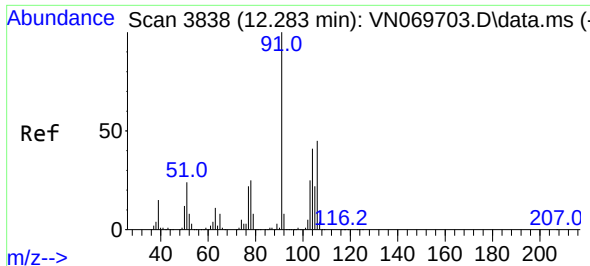
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#68
m/p-Xylenes
Concen: 38.613 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:106 Resp: 770238
Ion Ratio Lower Upper
106 100
91 214.8 160.6 240.8





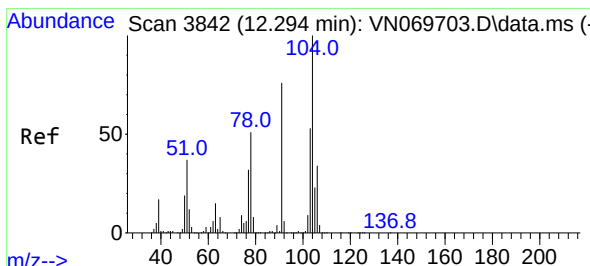
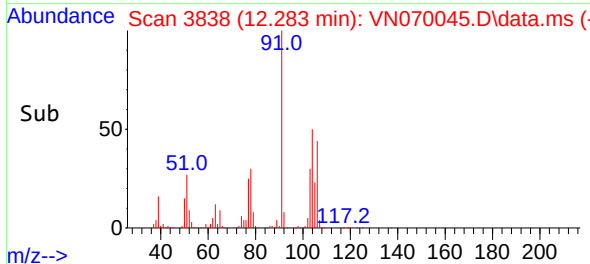
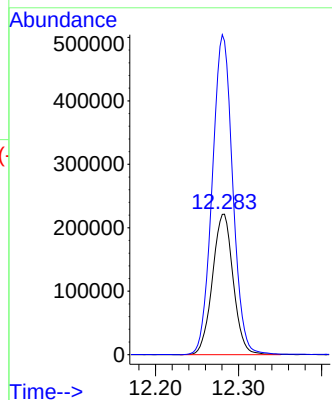
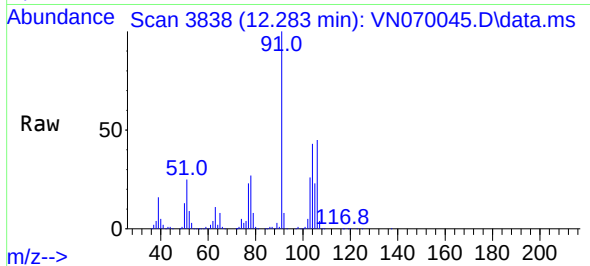
#69
o-Xylene
Concen: 19.137 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion:106 Resp: 384510
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3

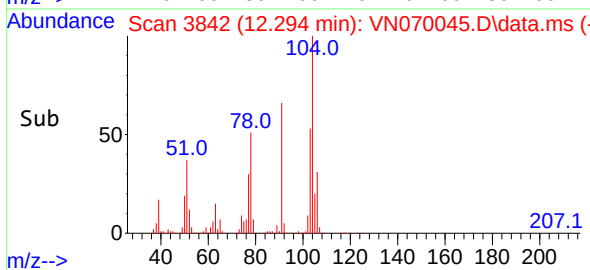
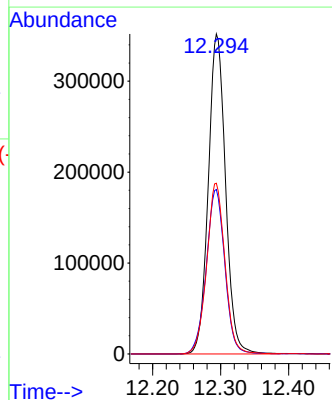
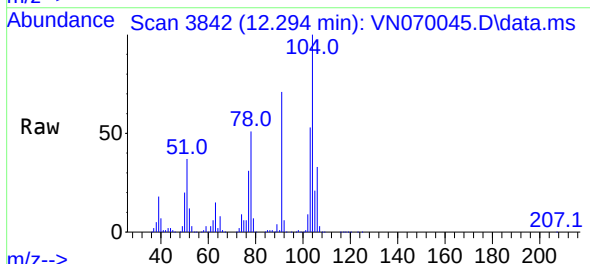
Manual Integrations
APPROVED

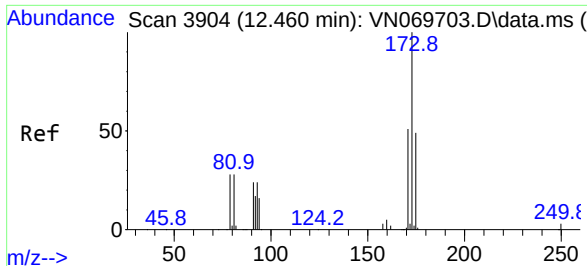
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#70
Styrene
Concen: 19.488 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:104 Resp: 620912
Ion Ratio Lower Upper
104 100
78 55.5 38.7 58.1
103 56.6 45.0 67.6





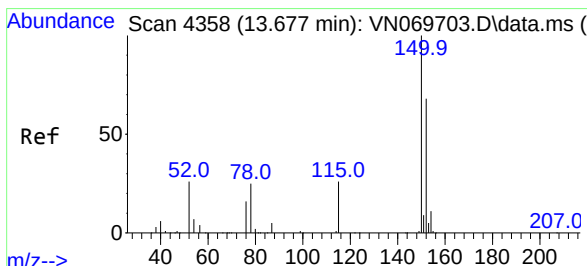
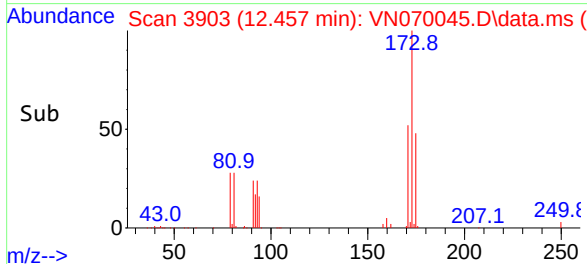
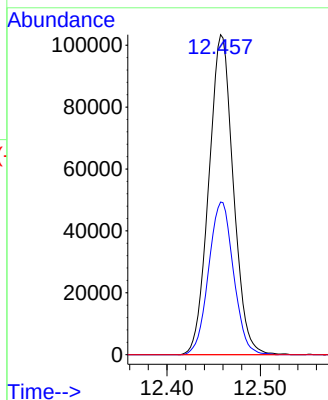
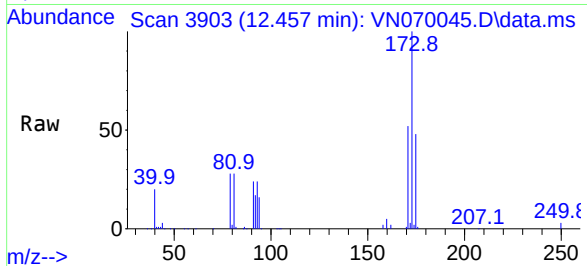
#71
Bromoform
Concen: 22.342 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion:173 Resp: 188345
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

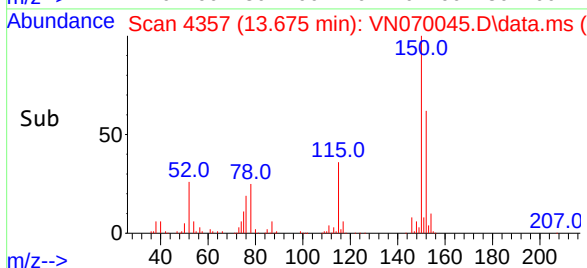
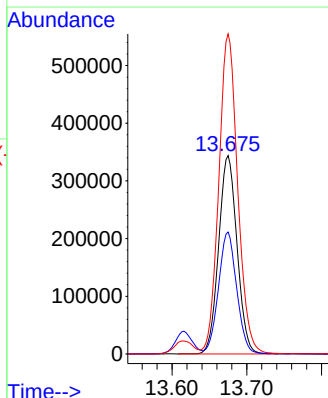
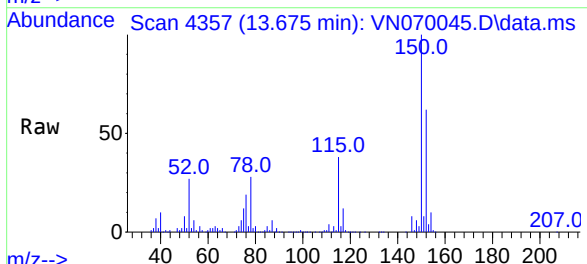
Manual Integrations
APPROVED

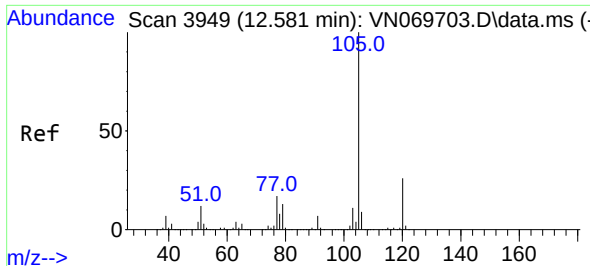
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

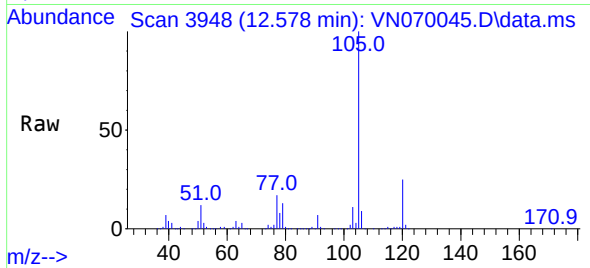
Tgt Ion:152 Resp: 587239
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 165.6 0.0 344.4





#73
Isopropylbenzene
Concen: 19.167 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

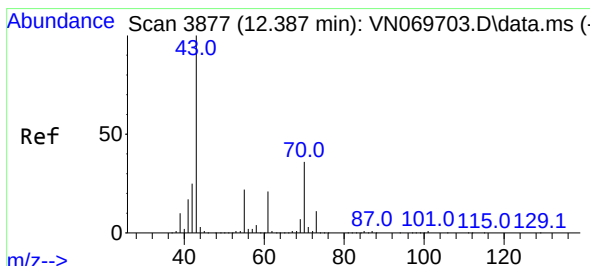
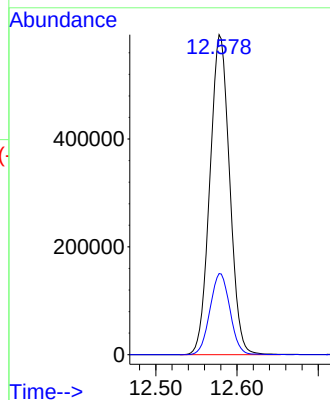
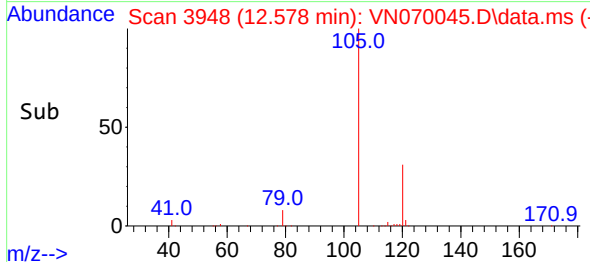
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



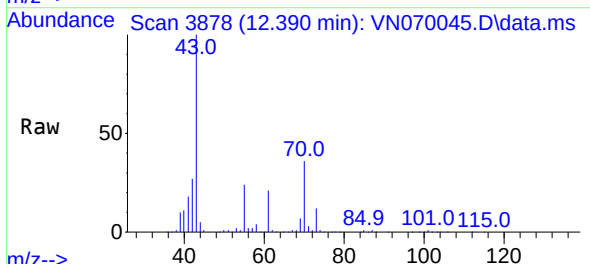
Tgt Ion:105 Resp: 100141
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
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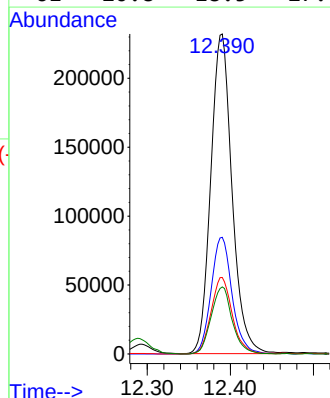
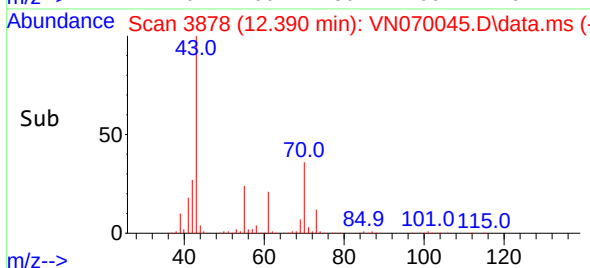
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

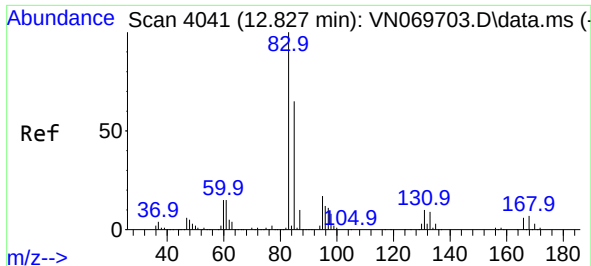


#74
N-ethyl acetate
Concen: 17.828 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



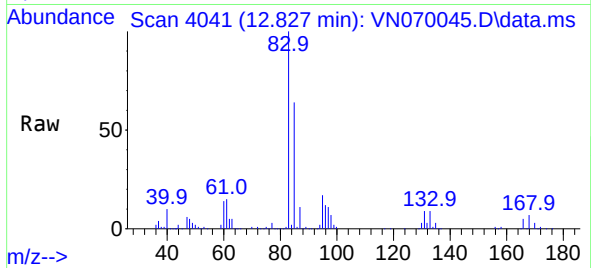
Tgt Ion: 43 Resp: 411931
Ion Ratio Lower Upper
43 100
70 36.2 33.4 50.0
55 23.9 19.3 28.9
61 20.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.274 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

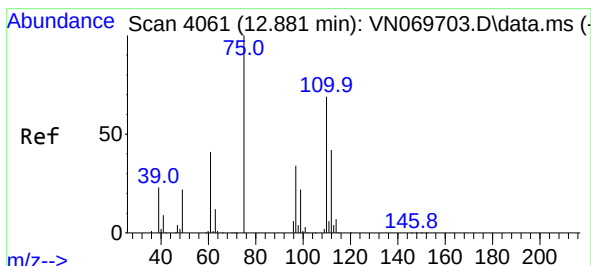
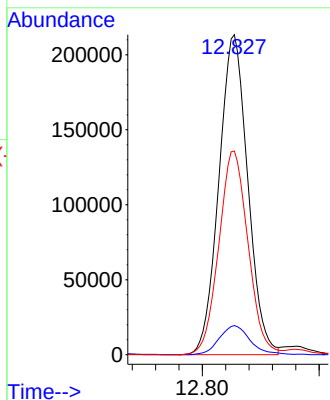
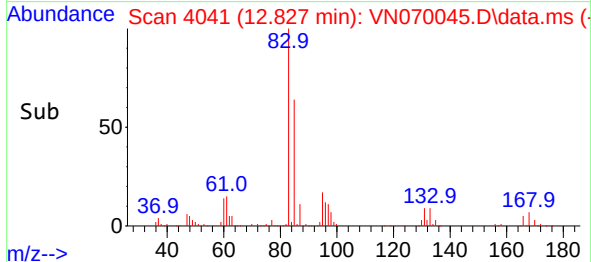
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



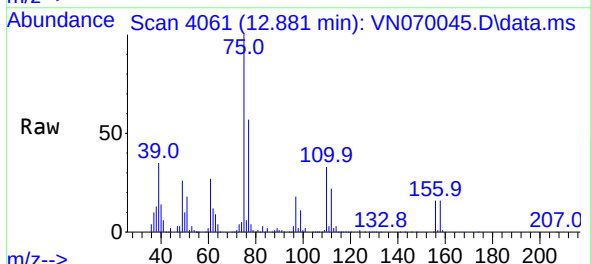
Tgt Ion: 83 Resp: 366290
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.4 32.4 97.2

Manual Integrations
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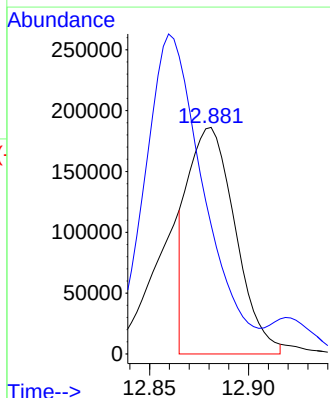
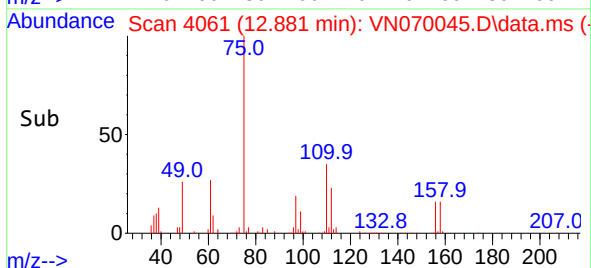
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

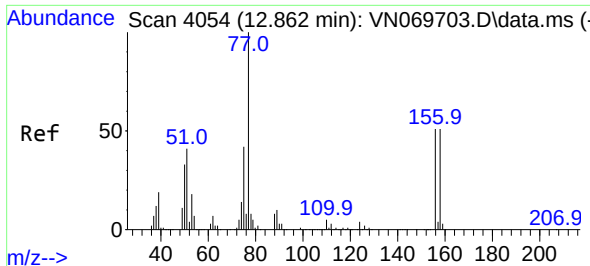


#76
1,2,3-Trichloropropane
Concen: 18.319 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



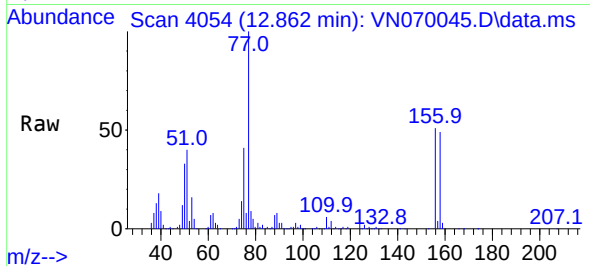
Tgt Ion: 75 Resp: 308512
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 18.918 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

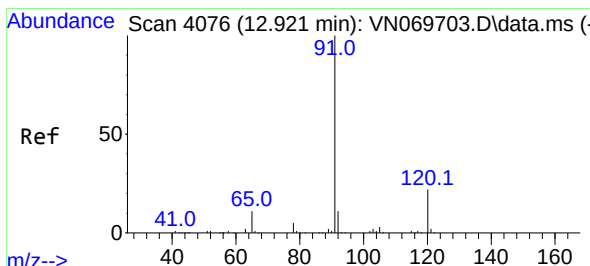
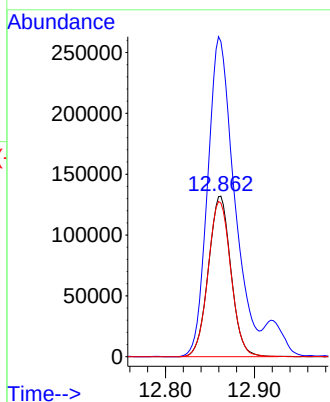
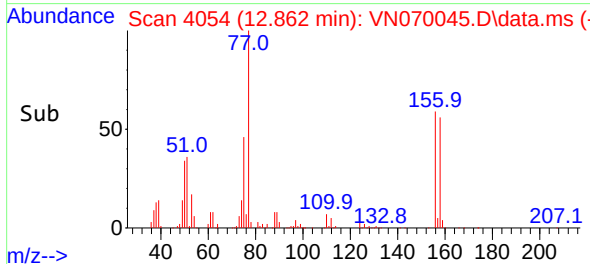
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



Tgt Ion:156 Resp: 232172
Ion Ratio Lower Upper
156 100
77 234.9 90.6 271.8
158 98.4 48.9 146.7

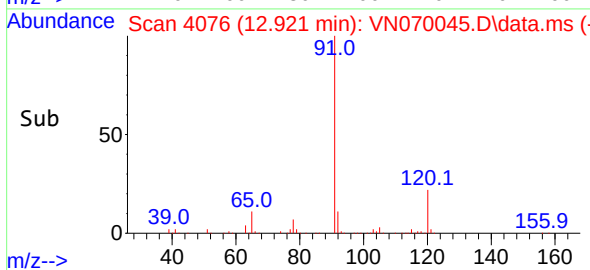
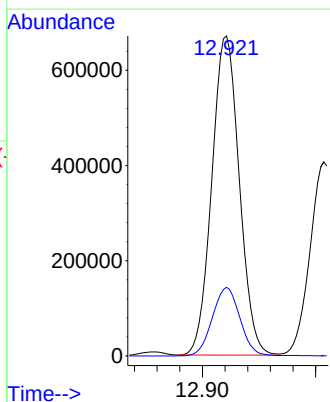
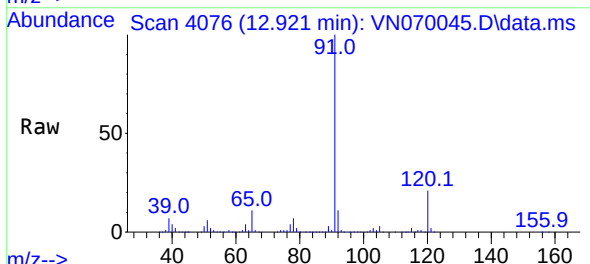
Manual Integrations
APPROVED

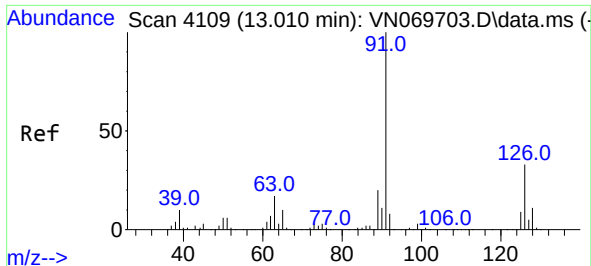
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#78
n-propylbenzene
Concen: 19.405 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion: 91 Resp: 1128234
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





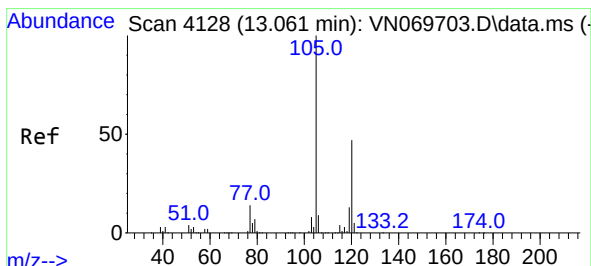
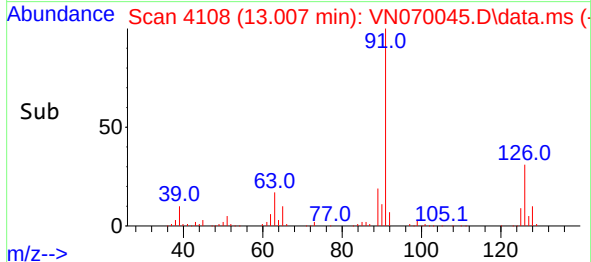
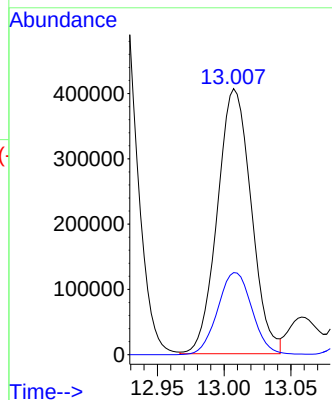
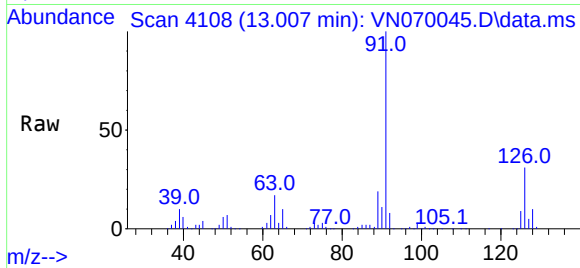
#79
2-Chlorotoluene
Concen: 19.513 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion: 91 Resp: 716848
Ion Ratio Lower Upper
91 100
126 31.5 18.3 54.8

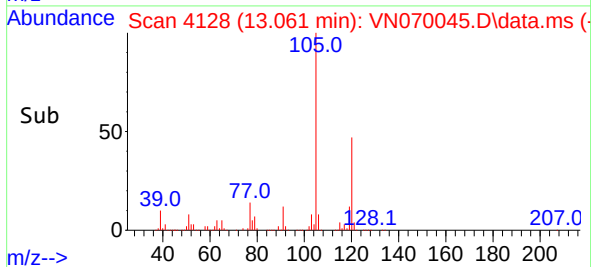
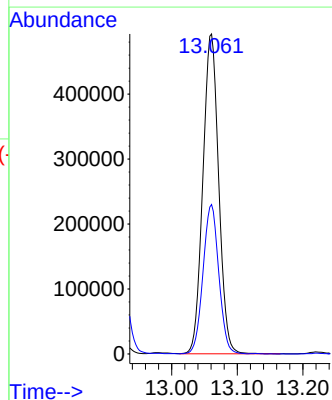
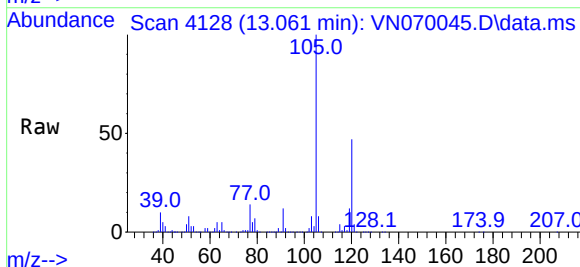
Manual Integrations
APPROVED

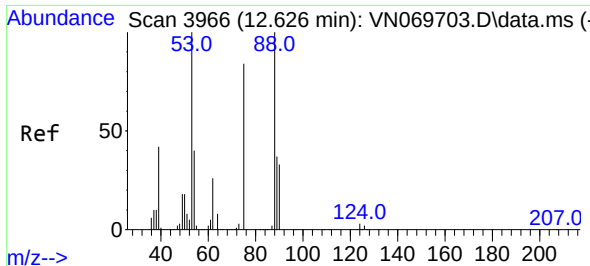
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.578 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

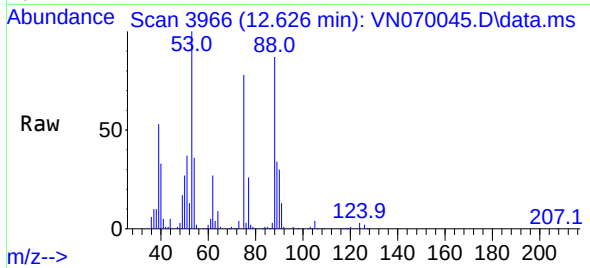
Tgt Ion:105 Resp: 823305
Ion Ratio Lower Upper
105 100
120 46.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.001 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

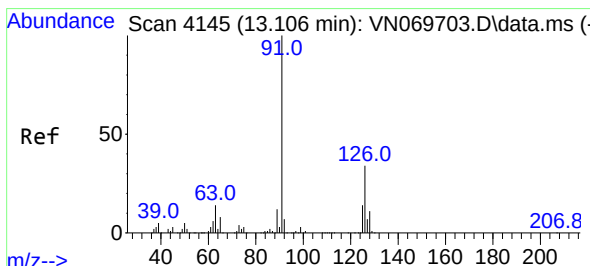
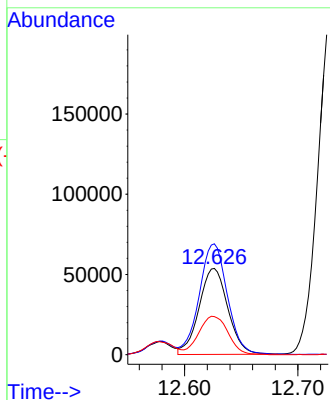
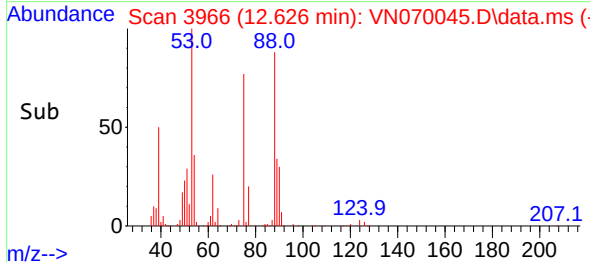
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



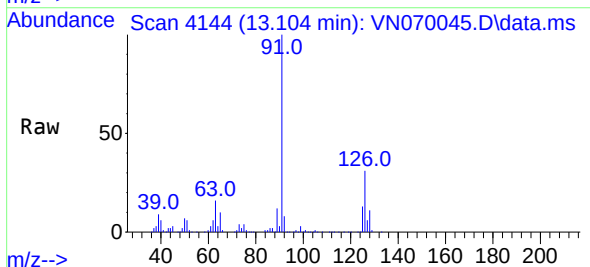
Tgt Ion: 75 Resp: 9487
Ion Ratio Lower Upper
75 100
53 125.0 90.5 135.7
89 45.2 38.2 57.4

Manual Integrations
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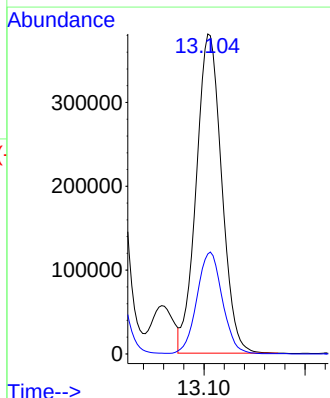
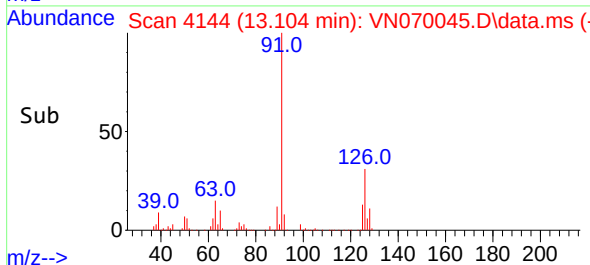
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

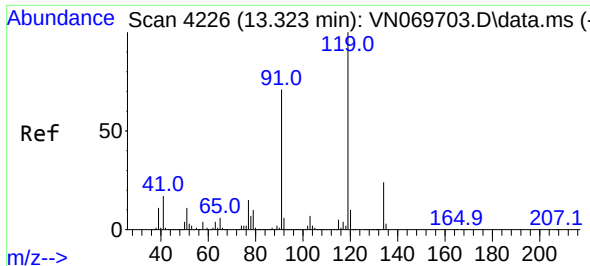


#82
4-Chlorotoluene
Concen: 19.250 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



Tgt Ion: 91 Resp: 665051
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





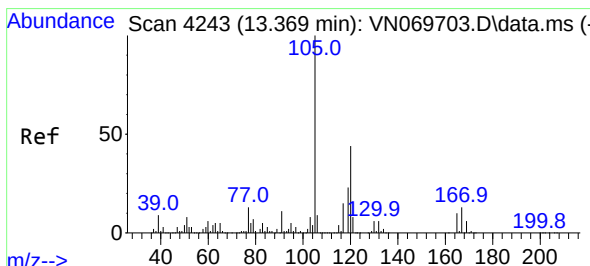
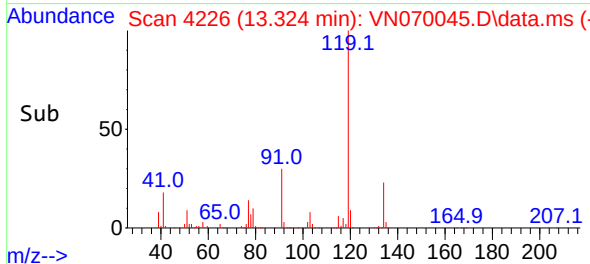
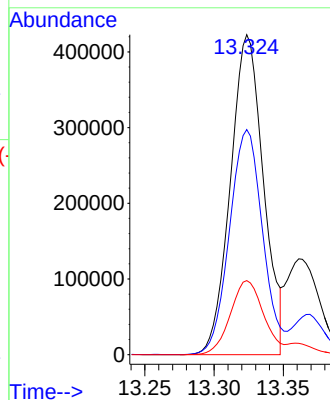
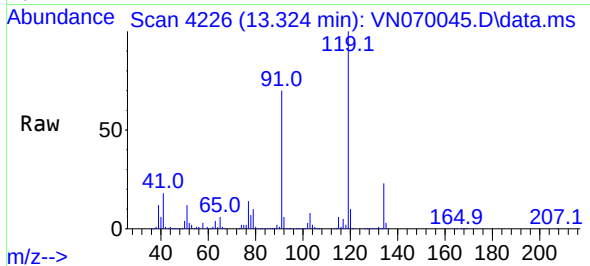
#83
tert-Butylbenzene
Concen: 18.858 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion:119 Resp: 702230
Ion Ratio Lower Upper
119 100
91 71.2 31.5 94.5
134 23.4 12.4 37.4

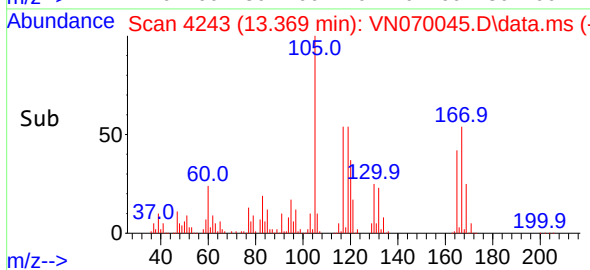
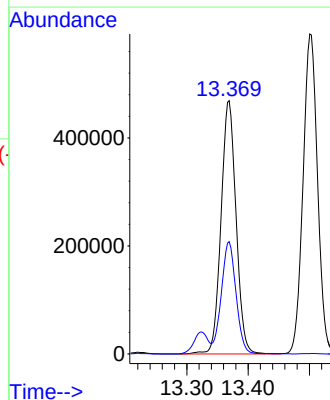
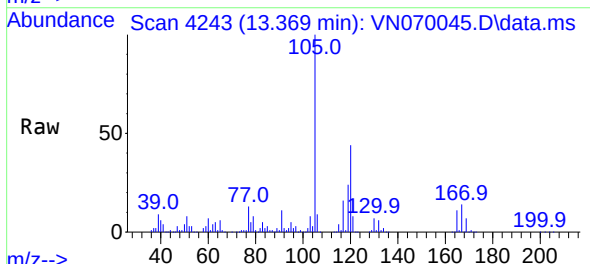
Manual Integrations
APPROVED

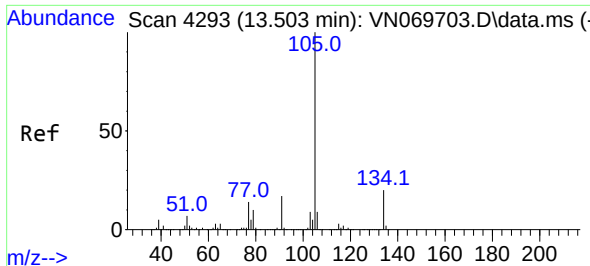
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 19.941 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:105 Resp: 798620
Ion Ratio Lower Upper
105 100
120 43.0 22.8 68.4





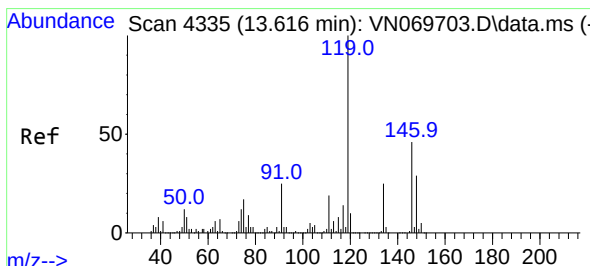
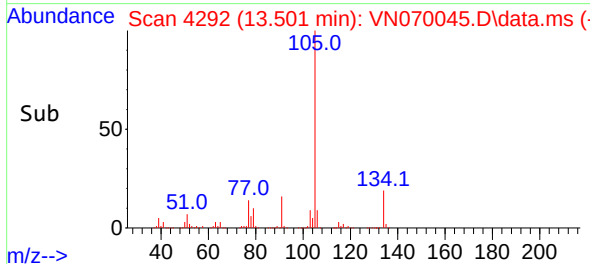
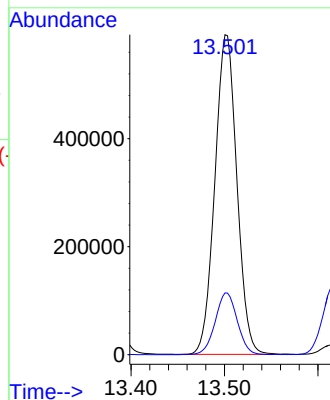
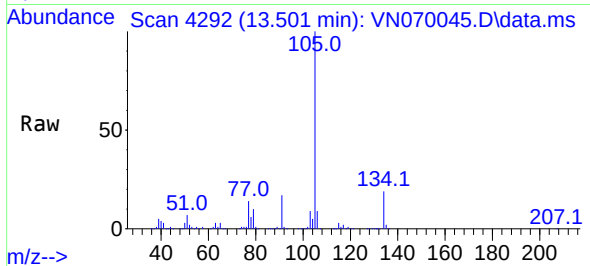
#85
 sec-Butylbenzene
 Concen: 19.188 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS02

Tgt Ion:105 Resp: 969144
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

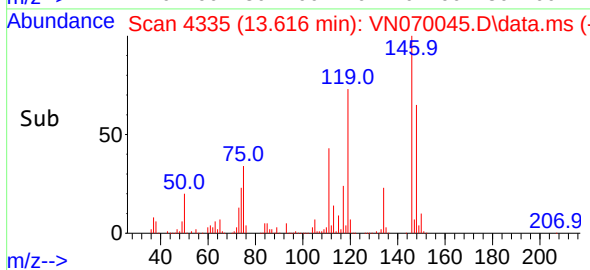
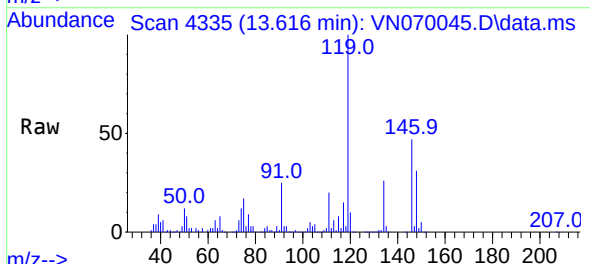
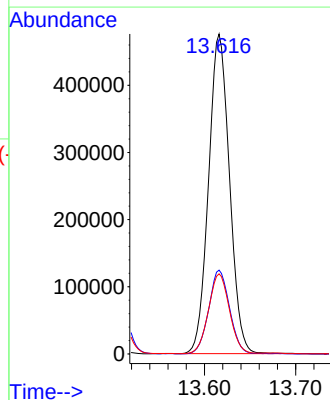
Manual Integrations
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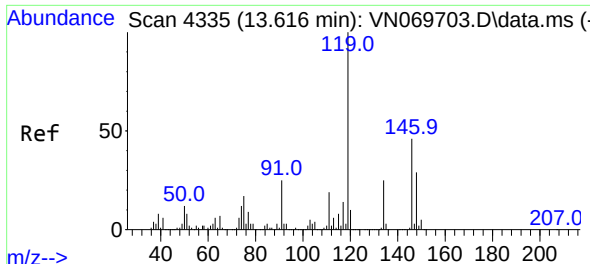
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 19.208 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

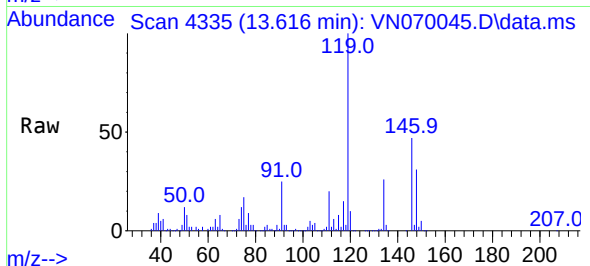
Tgt Ion:119 Resp: 758357
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.342 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

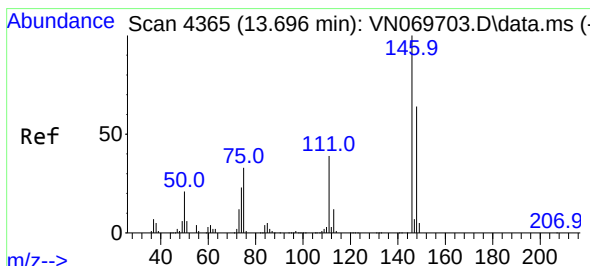
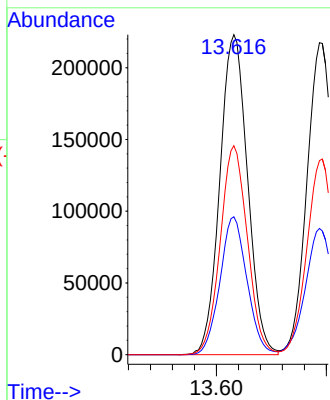
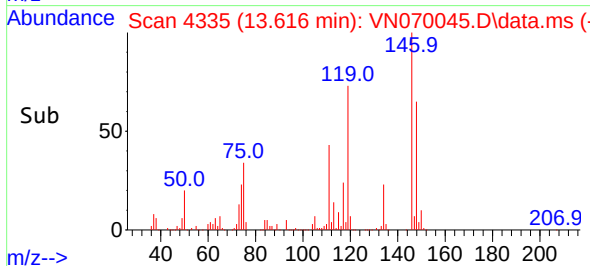
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



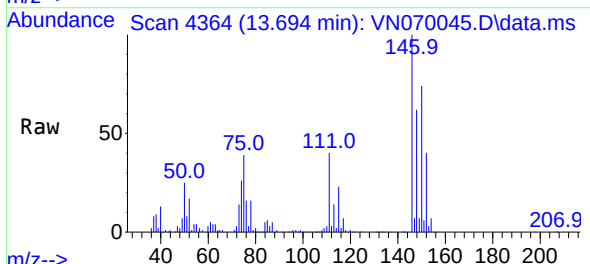
Tgt Ion:146 Resp: 389968
Ion Ratio Lower Upper
146 100
111 42.1 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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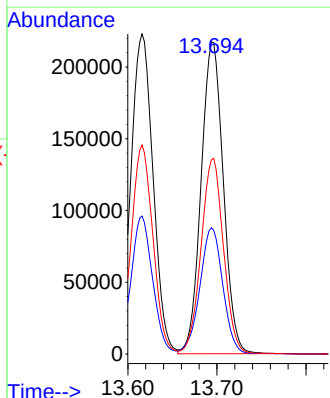
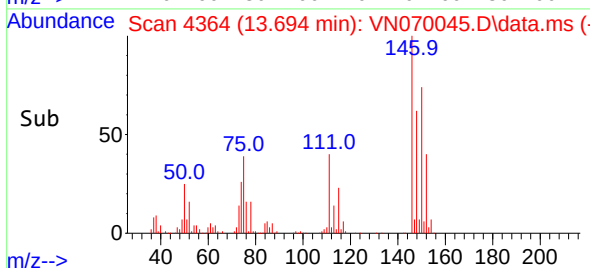
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

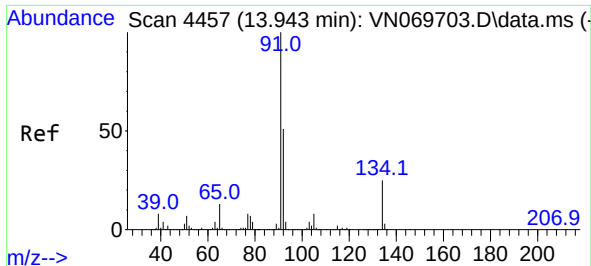


#88
1,4-Dichlorobenzene
Concen: 19.014 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



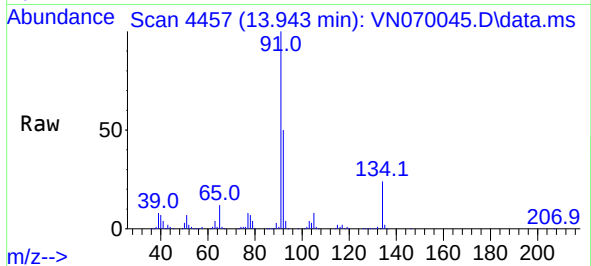
Tgt Ion:146 Resp: 376720
Ion Ratio Lower Upper
146 100
111 41.4 18.3 54.8
148 63.0 31.8 95.4





#89
n-Butylbenzene
Concen: 18.160 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

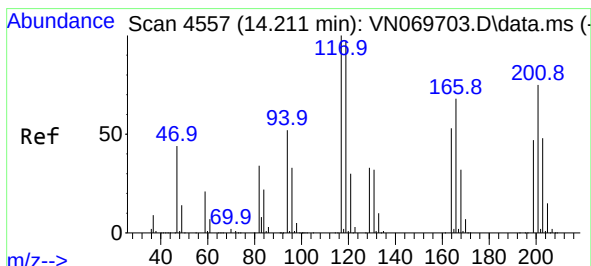
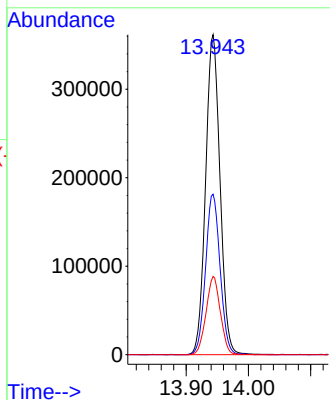
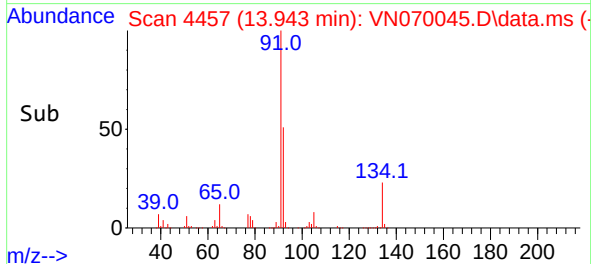
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



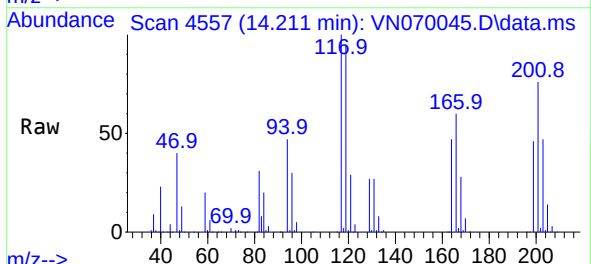
Tgt Ion: 91 Resp: 581592
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.0
134 24.2 13.6 40.8

Manual Integrations
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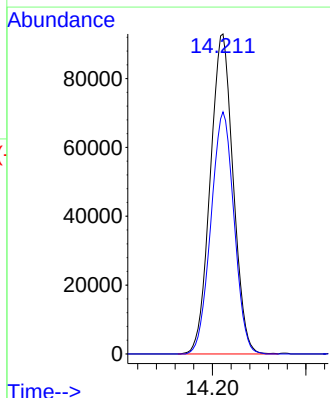
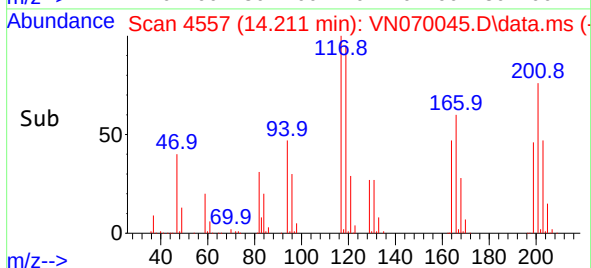
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

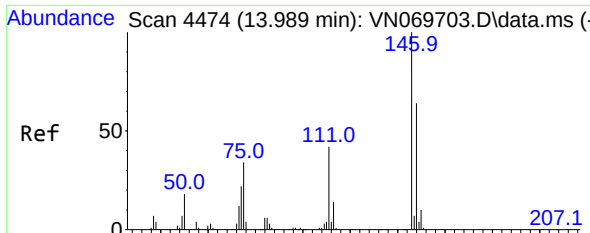


#90
Hexachloroethane
Concen: 22.807 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00



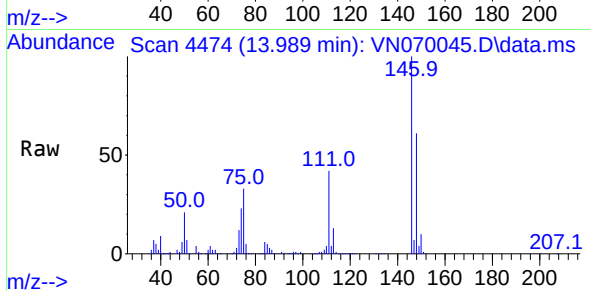
Tgt Ion:117 Resp: 158091
Ion Ratio Lower Upper
117 100
201 76.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.718 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

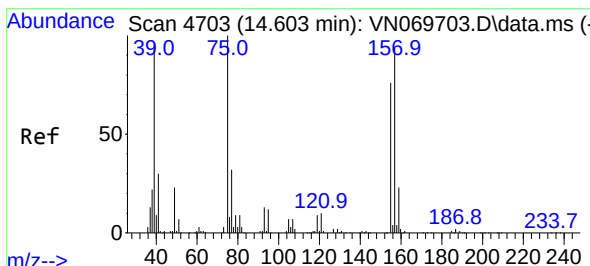
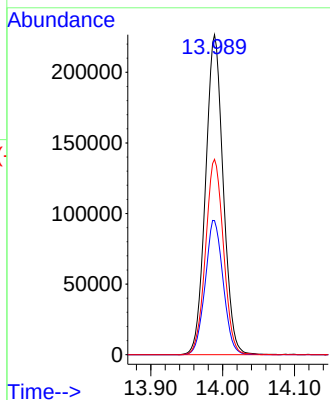
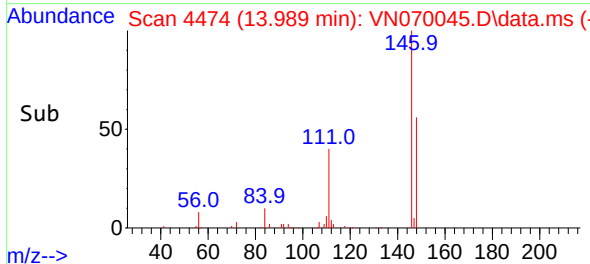
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02



Tgt Ion:146 Resp: 387336
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 62.0 32.1 96.3

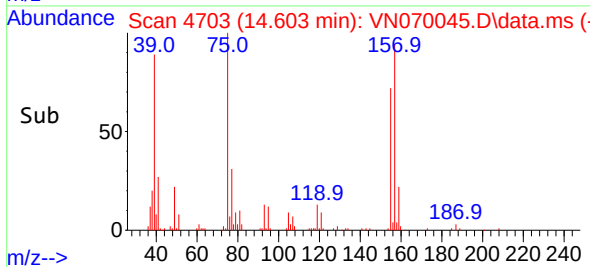
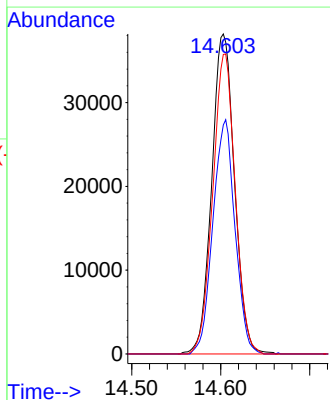
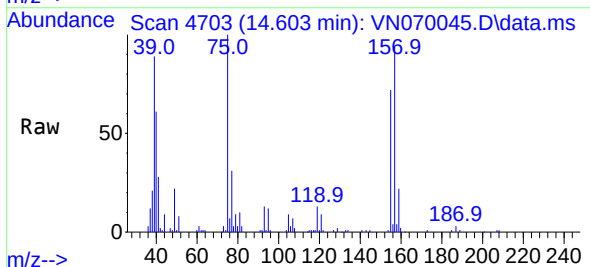
Manual Integrations
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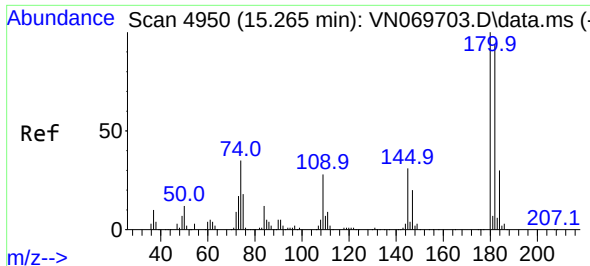
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.816 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

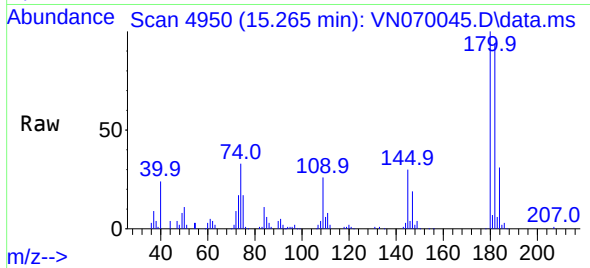
Tgt Ion: 75 Resp: 67961
Ion Ratio Lower Upper
75 100
155 71.1 46.9 140.7
157 92.6 60.6 181.7





#93
 1,2,4-Trichlorobenzene
 Concen: 18.316 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00

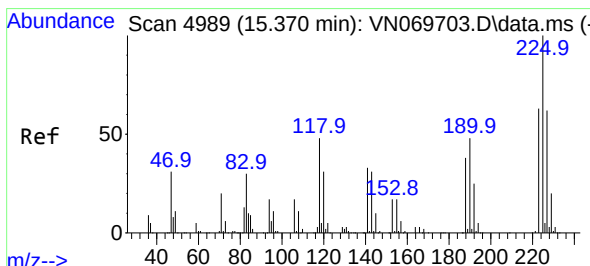
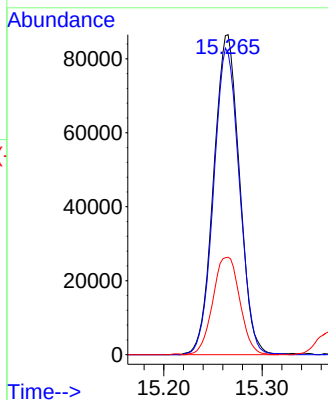
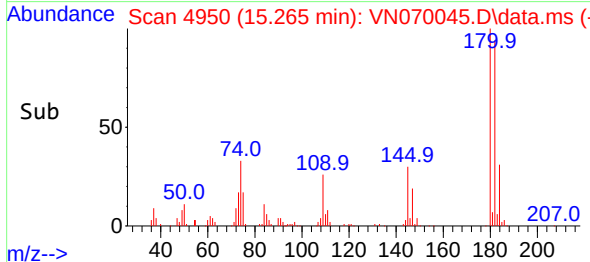
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS02



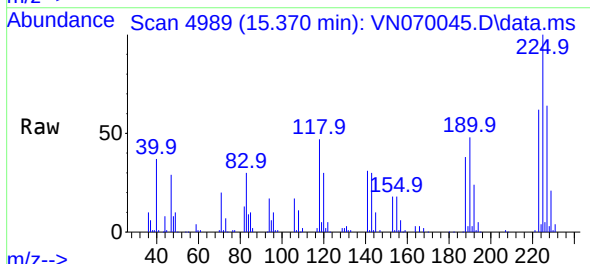
Tgt Ion:180 Resp: 15782
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.3 144.9
 145 31.8 14.5 43.5

Manual Integrations
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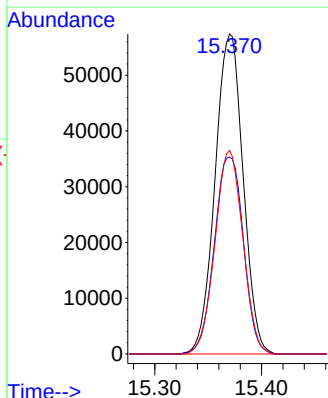
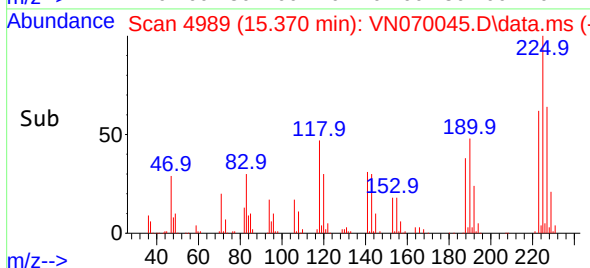
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

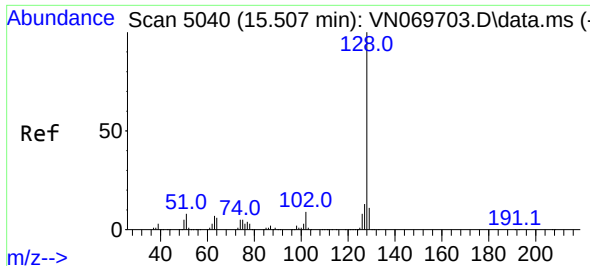


#94
 Hexachlorobutadiene
 Concen: 20.144 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN070045.D
 Acq: 13 Dec 2021 22:00



Tgt Ion:225 Resp: 104871
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 63.3 32.1 96.3





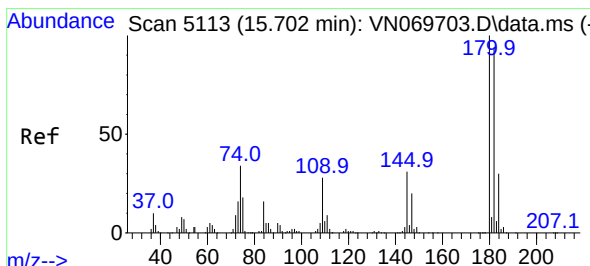
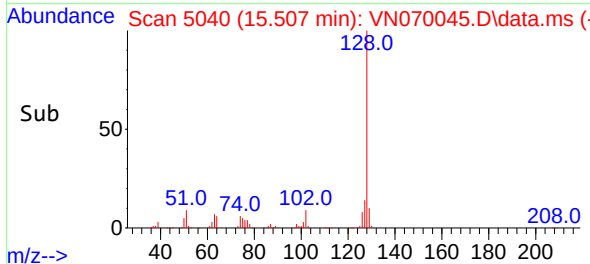
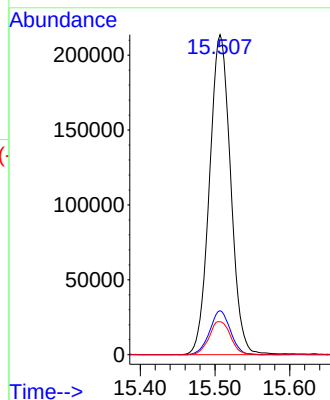
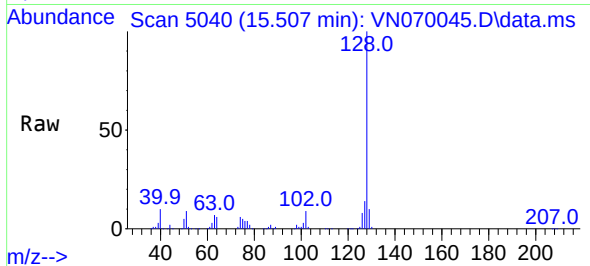
#95
Naphthalene
Concen: 17.446 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS02

Tgt Ion:128 Resp: 419770
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.375 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070045.D
Acq: 13 Dec 2021 22:00

Tgt Ion:180 Resp: 157334
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 32.5 15.0 45.1

