

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069977.D
 Acq On : 10 Dec 2021 23:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 05:27:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	958126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1583261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1489717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	632958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	737875	49.878	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.760%		
35) Dibromofluoromethane	8.021	113	508914	51.316	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.640%		
50) Toluene-d8	10.443	98	1948506	48.932	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.860%		
62) 4-Bromofluorobenzene	12.731	95	722251	50.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	524270	46.914	ug/l	100
3) Chloromethane	2.303	50	631734	45.123	ug/l	99
4) Vinyl Chloride	2.448	62	601264	46.706	ug/l	99
5) Bromomethane	2.840	94	340477	48.682	ug/l	99
6) Chloroethane	3.011	64	364721	46.234	ug/l	100
7) Trichlorofluoromethane	3.373	101	798043	47.234	ug/l	96
8) Diethyl Ether	3.824	74	323231	49.672	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.208	101	468655	49.483	ug/l	96
10) Methyl Iodide	4.419	142	611699	47.278	ug/l	97
11) Tert butyl alcohol	5.382	59	629880	225.253	ug/l	97
12) 1,1-Dichloroethene	4.178	96	444029	48.652	ug/l	88
13) Acrolein	4.039	56	545417	229.040	ug/l	99
14) Allyl chloride	4.838	41	1040786	50.609	ug/l	92
15) Acrylonitrile	5.557	53	1815505	240.940	ug/l	98
16) Acetone	4.288	43	1719110	193.181	ug/l	97
17) Carbon Disulfide	4.527	76	1218853	51.694	ug/l	98
18) Methyl Acetate	4.857	43	1283861	47.797	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	1766891	49.791	ug/l	95
20) Methylene Chloride	5.095	84	558779	47.234	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	475139	47.932	ug/l	85
22) Diisopropyl ether	6.498	45	2104729	52.361	ug/l #	94
23) Vinyl Acetate	6.434	43	8651285	264.549	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1069191	51.349	ug/l	98
25) 2-Butanone	7.335	43	2690869	222.550	ug/l	91
26) 2,2-Dichloropropane	7.327	77	762442	47.095	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	582421	48.630	ug/l	85
28) Bromochloromethane	7.657	49	574235	53.033	ug/l #	77
29) Tetrahydrofuran	7.686	42	1758866	239.562	ug/l	87
30) Chloroform	7.820	83	1057492	50.287	ug/l	100
31) Cyclohexane	8.094	56	966222	46.933	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	907921	50.686	ug/l	95
36) 1,1-Dichloropropene	8.222	75	754344	50.049	ug/l	96
37) Ethyl Acetate	7.413	43	1061017	47.297	ug/l	95
38) Carbon Tetrachloride	8.206	117	785314	53.133	ug/l	98
39) Methylcyclohexane	9.459	83	877232	48.931	ug/l	89
40) Benzene	8.461	78	2295796	49.833	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	531486	50.470	ug/l	90
42) 1,2-Dichloroethane	8.531	62	929811	49.997	ug/l	96
43) Isopropyl Acetate	8.560	43	1681370	50.648	ug/l #	93
44) Trichloroethene	9.215	130	536143	48.759	ug/l	91
45) 1,2-Dichloropropane	9.491	63	637406	51.523	ug/l	100
46) Dibromomethane	9.577	93	411627	50.733	ug/l	92
47) Bromodichloromethane	9.762	83	871220	56.713	ug/l	99
48) Methyl methacrylate	9.561	41	783350	50.564	ug/l	86
49) 1,4-Dioxane	9.569	88	247968	892.037	ug/l #	81
51) 4-Methyl-2-Pentanone	10.331	43	5505623	255.648	ug/l	95
52) Toluene	10.505	92	1403547	49.901	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	896258	48.585	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	943150	48.686	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	574571	50.630	ug/l	98
56) Ethyl methacrylate	10.762	69	984946	46.181	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	1011344	50.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1216002	213.213	ug/l	91
59) 2-Hexanone	11.087	43	3926049	240.991	ug/l	93
60) Dibromochloromethane	11.237	129	626098	51.420	ug/l	99
61) 1,2-Dibromoethane	11.347	107	587766	50.005	ug/l	99
64) Tetrachloroethene	10.977	164	462209	45.757	ug/l	95
65) Chlorobenzene	11.771	112	1499510	49.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	573742	53.937	ug/l	100
67) Ethyl Benzene	11.846	91	2807236	51.136	ug/l	96
68) m/p-Xylenes	11.953	106	2037072	101.912	ug/l	92
69) o-Xylene	12.280	106	1017001	50.512	ug/l	91
70) Styrene	12.294	104	1689081	52.906	ug/l	96
71) Bromoform	12.457	173	482722	52.891	ug/l #	100
73) Isopropylbenzene	12.578	105	2704055	48.016	ug/l	98
74) N-amyl acetate	12.388	43	1235481	49.608	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	921320	47.310	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	755347m	41.613	ug/l	
77) Bromobenzene	12.862	156	618570	46.763	ug/l	76
78) n-propylbenzene	12.919	91	3104576	49.541	ug/l	96
79) 2-Chlorotoluene	13.007	91	1888221	47.686	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2200423	48.545	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	272307	49.172	ug/l	97
82) 4-Chlorotoluene	13.104	91	1818636	48.837	ug/l	93
83) tert-Butylbenzene	13.324	119	1954074	48.686	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2171643	50.307	ug/l	97
85) sec-Butylbenzene	13.501	105	2693321	49.472	ug/l	98
86) p-Isopropyltoluene	13.616	119	2143016	50.360	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1047653	48.210	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1015682	47.560	ug/l	97
89) n-Butylbenzene	13.943	91	1761701	51.035	ug/l	98
90) Hexachloroethane	14.211	117	431933	57.813	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1025202	48.419	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	179318	50.958	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	466116	45.179	ug/l	98
94) Hexachlorobutadiene	15.370	225	273395	48.721	ug/l	100
95) Naphthalene	15.507	128	1273880	41.885	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	454157	45.123	ug/l	98

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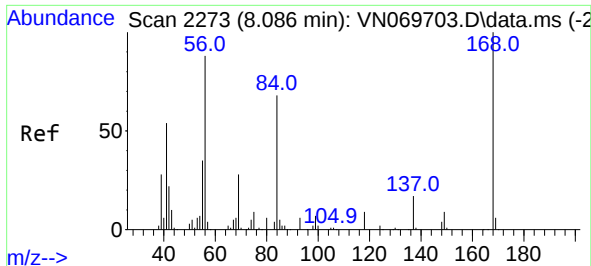
Manual Integrations
APPROVED

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Supervised By :Amit Patel 12/14/2021

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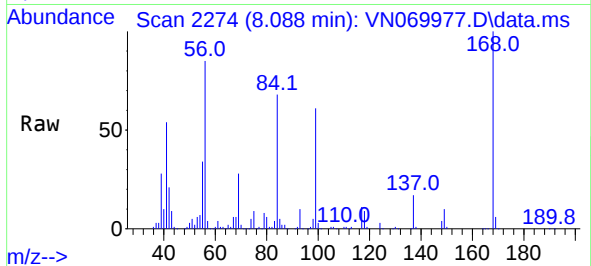
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
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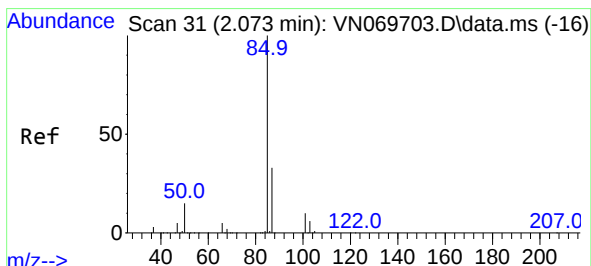
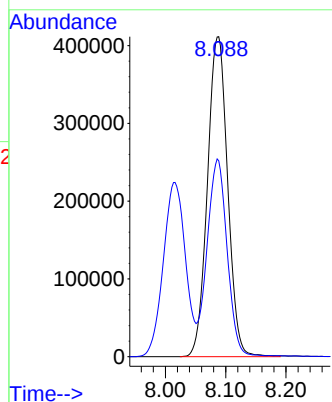
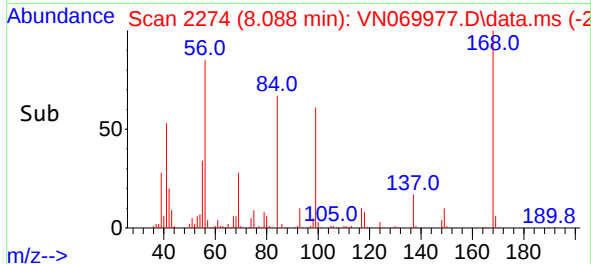
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 958120
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

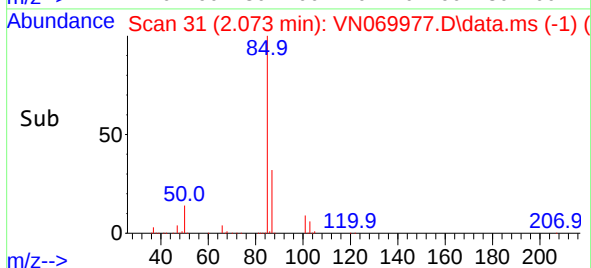
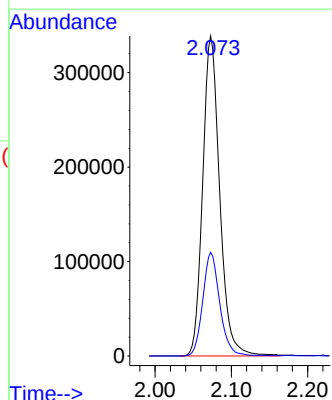
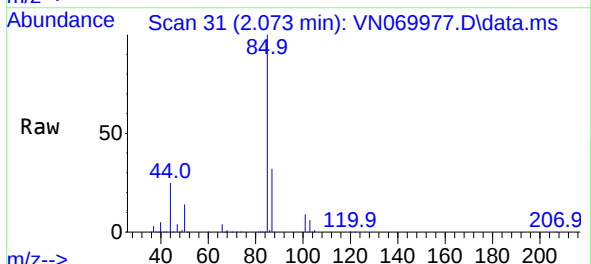
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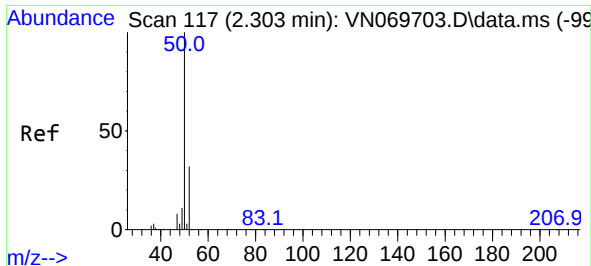
Reviewed By :John Carlone 12/11/2021
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#2
Dichlorodifluoromethane
Concen: 46.914 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

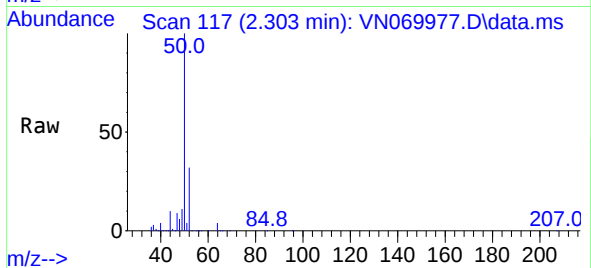
Tgt Ion: 85 Resp: 524270
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 45.123 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

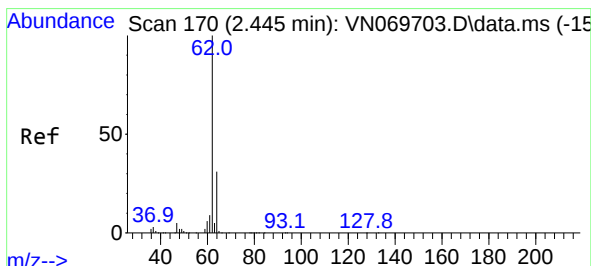
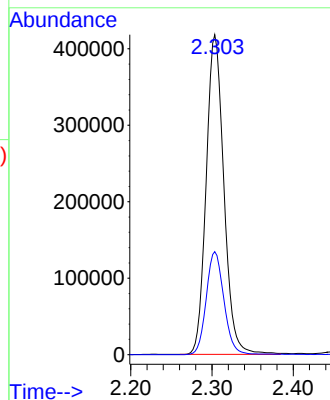
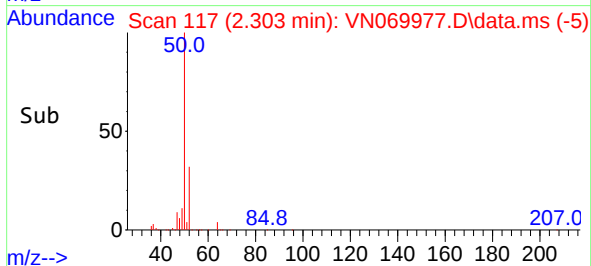
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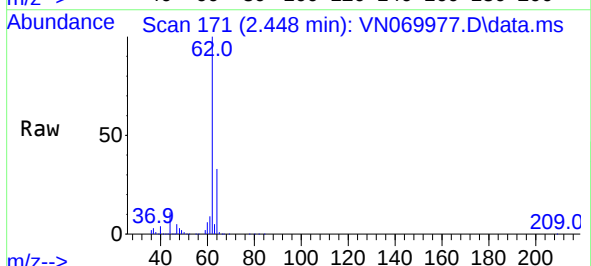
Tgt Ion: 50 Resp: 631734
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

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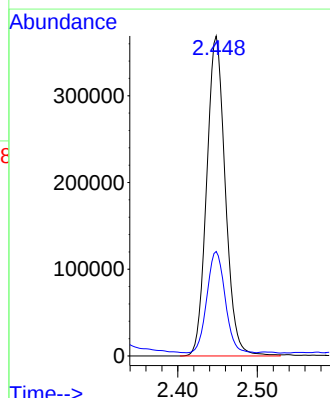
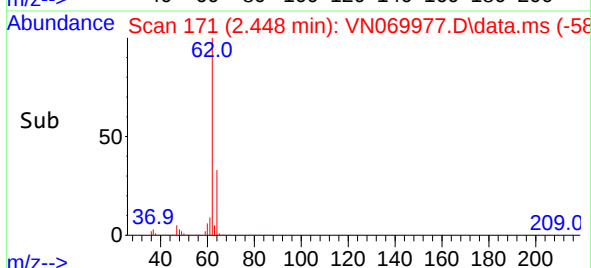
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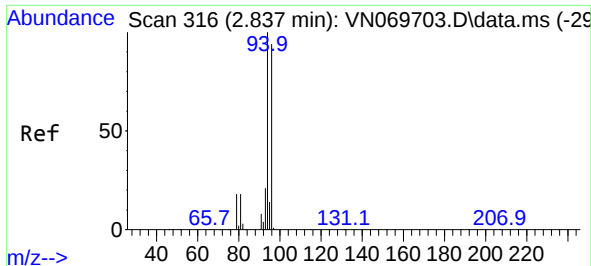


#4
Vinyl Chloride
Concen: 46.706 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



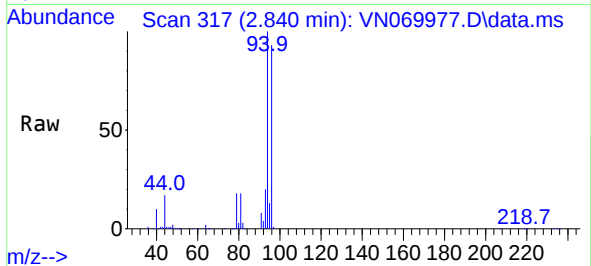
Tgt Ion: 62 Resp: 601264
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 48.682 ug/l
RT: 2.840 min Scan# 316
Delta R.T. 0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

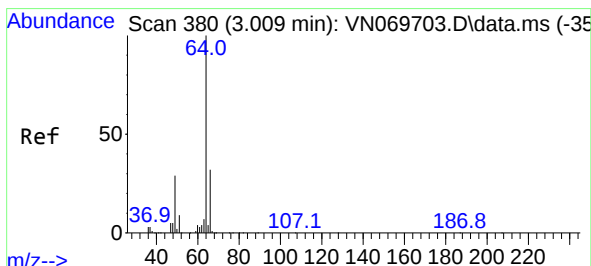
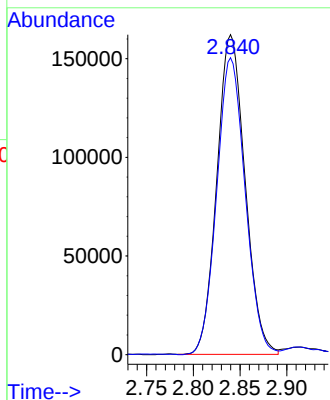
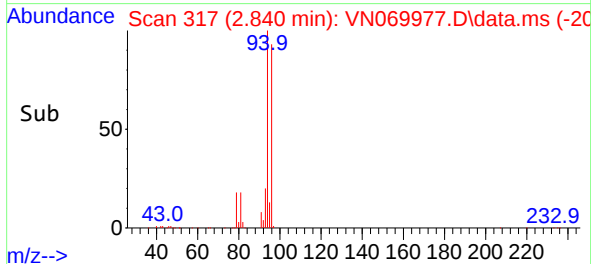
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Tgt Ion: 94 Resp: 340477
Ion Ratio Lower Upper
94 100
96 92.9 73.8 110.8

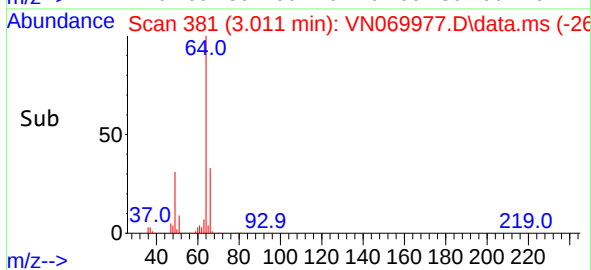
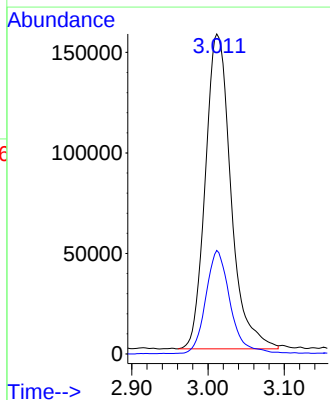
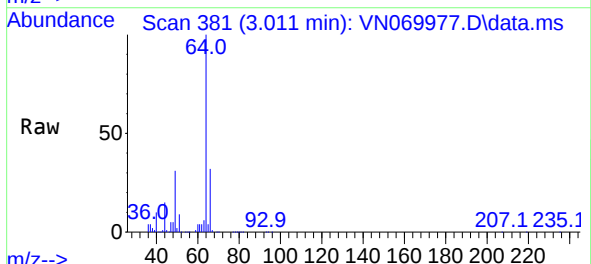
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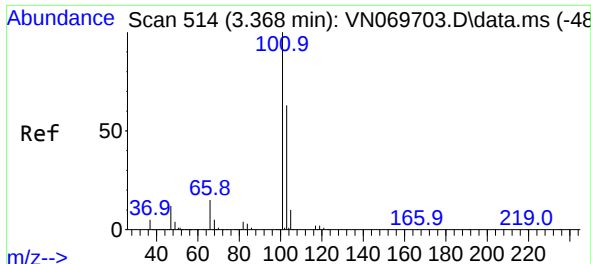
Reviewed By :John Carlone 12/11/2021
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#6
Chloroethane
Concen: 46.234 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Tgt Ion: 64 Resp: 364721
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5





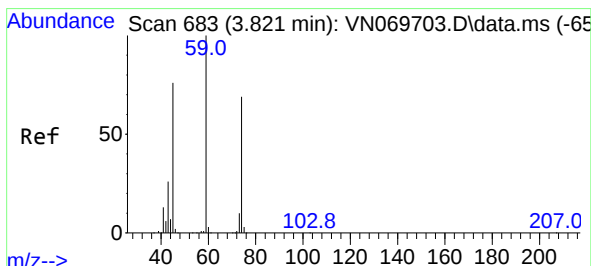
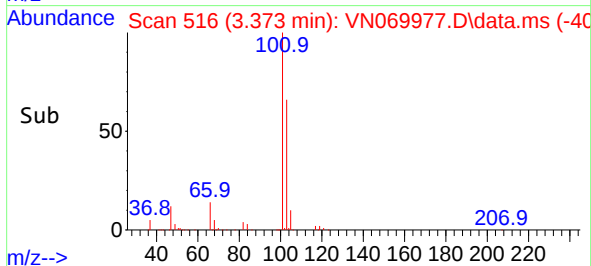
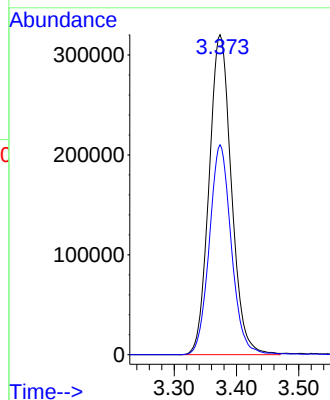
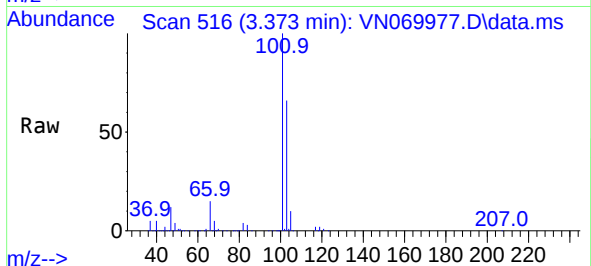
#7
Trichlorofluoromethane
Concen: 47.234 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.006 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 79804
Ion Ratio Lower Upper
101 100
103 65.6 50.1 75.1

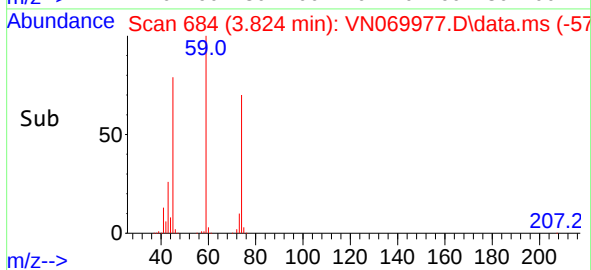
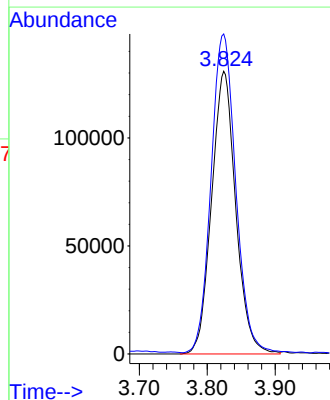
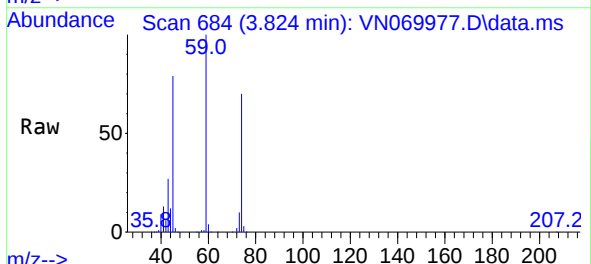
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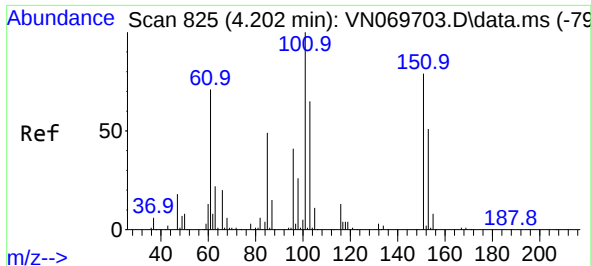
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#8
Diethyl Ether
Concen: 49.672 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069977.D
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Tgt Ion: 74 Resp: 323231
Ion Ratio Lower Upper
74 100
45 115.0 47.0 141.2





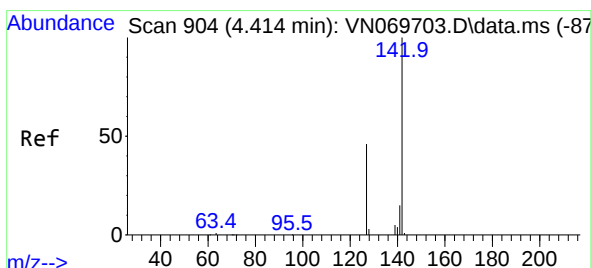
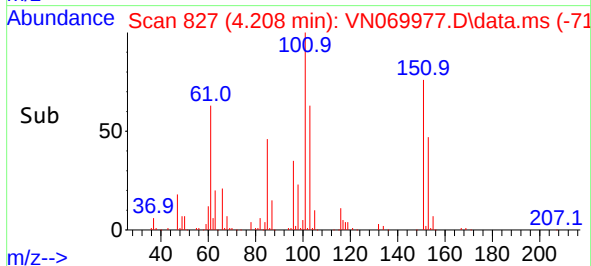
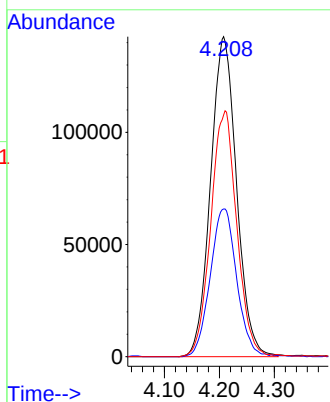
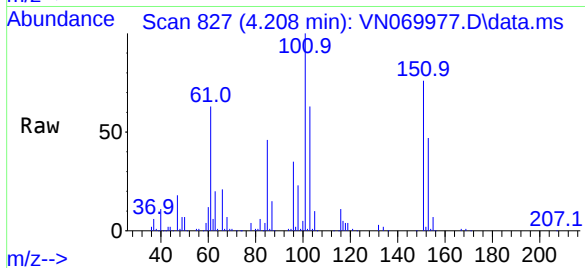
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.483 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 46865
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 76.9 65.9 98.9

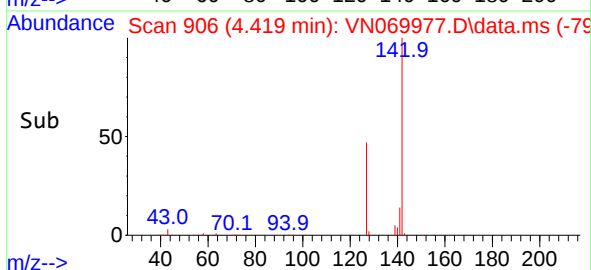
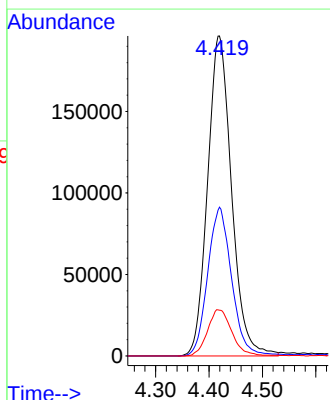
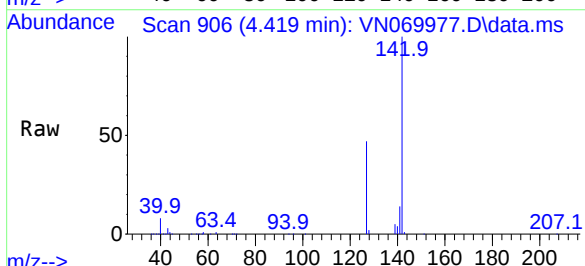
Manual Integrations
APPROVED

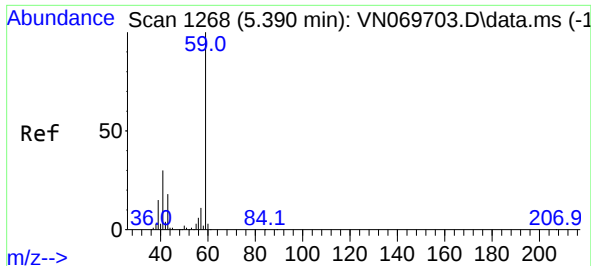
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 47.278 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

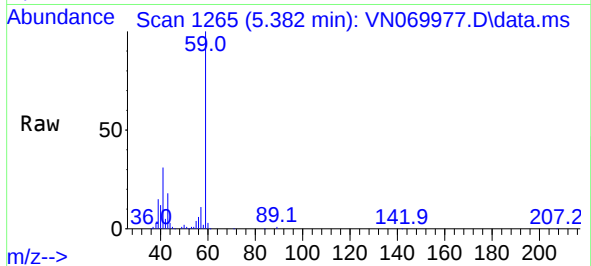
Tgt Ion:142 Resp: 611699
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 225.253 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

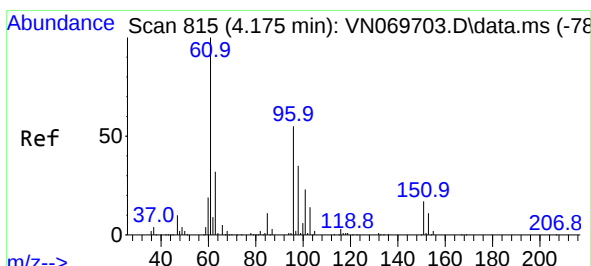
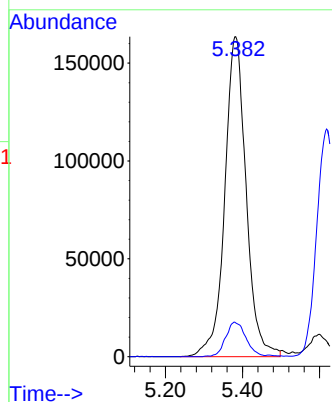
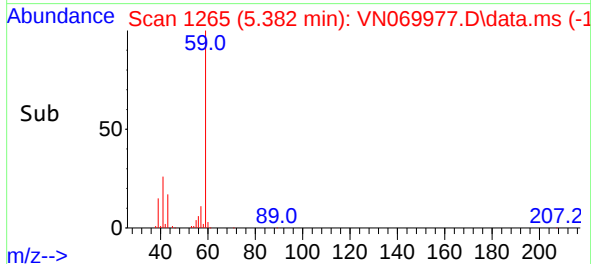
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



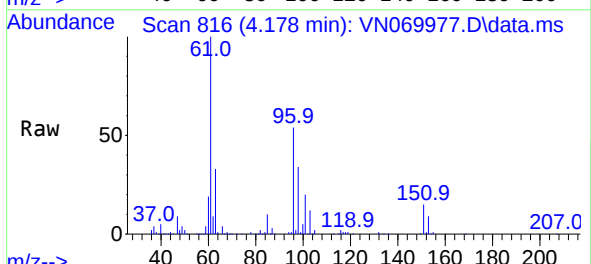
Tgt Ion: 59 Resp: 629880
Ion Ratio Lower Upper
59 100
57 9.8 8.7 13.1

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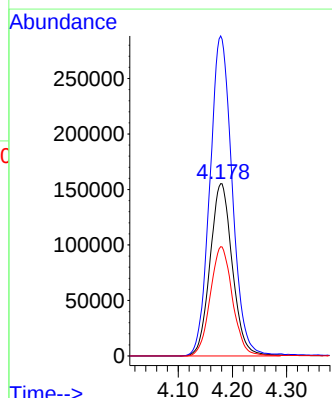
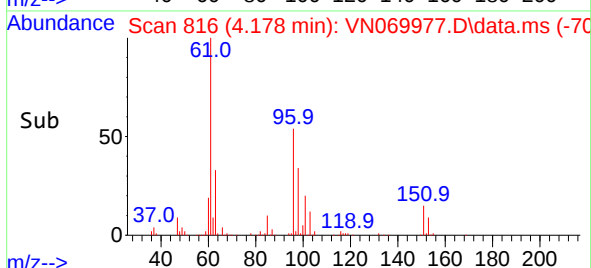
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

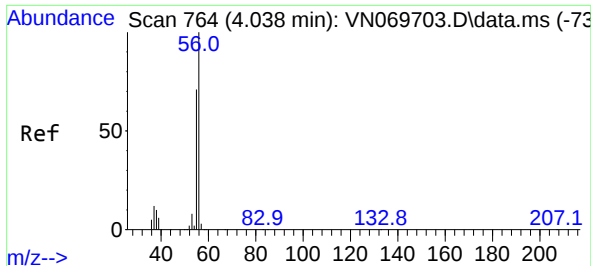


#12
1,1-Dichloroethene
Concen: 48.652 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



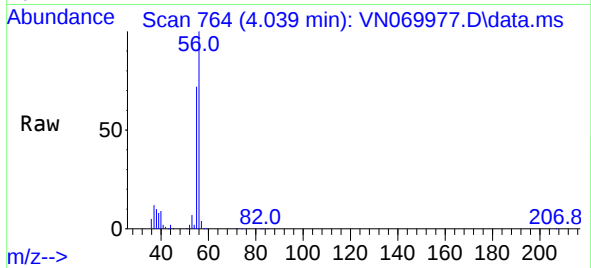
Tgt Ion: 96 Resp: 444029
Ion Ratio Lower Upper
96 100
61 185.6 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 229.040 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

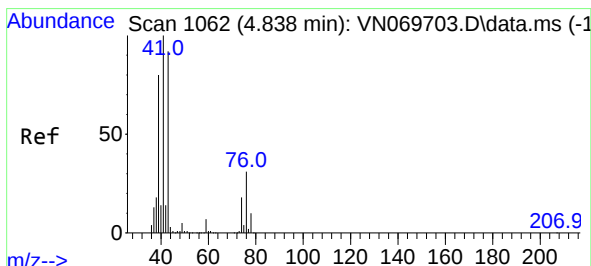
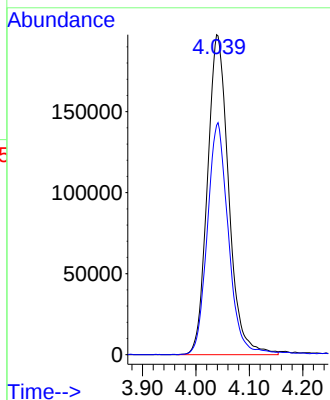
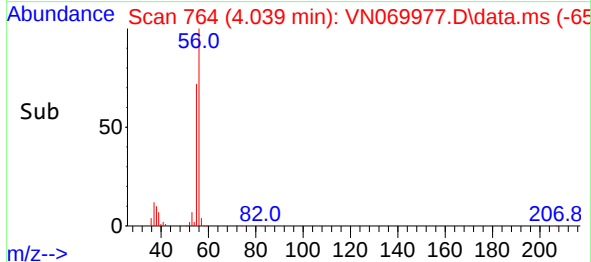
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



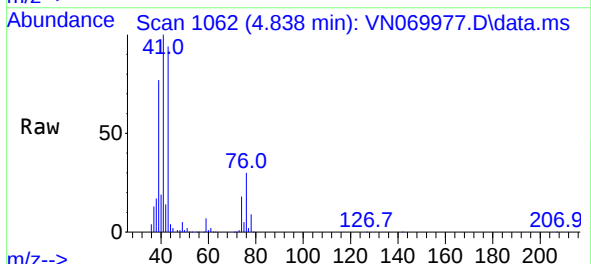
Tgt Ion: 56 Resp: 54541
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0

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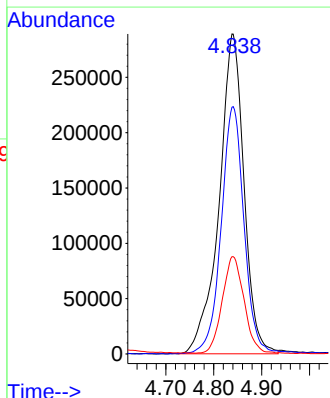
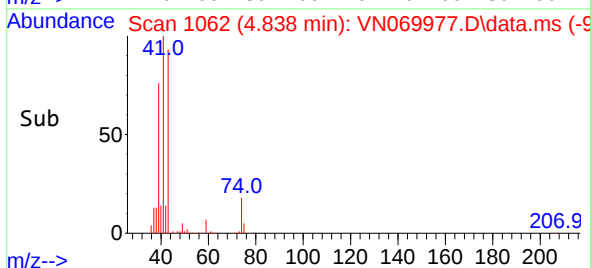
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

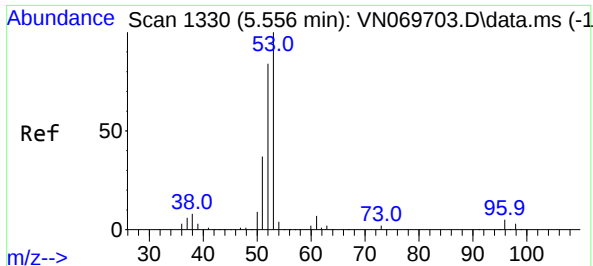


#14
Allyl chloride
Concen: 50.609 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



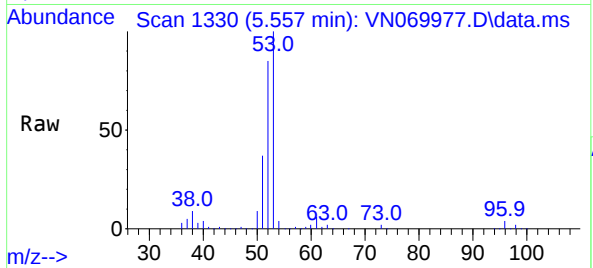
Tgt Ion: 41 Resp: 1040786
Ion Ratio Lower Upper
41 100
39 70.9 61.2 91.8
76 26.3 26.0 39.0





#15
Acrylonitrile
Concen: 240.940 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

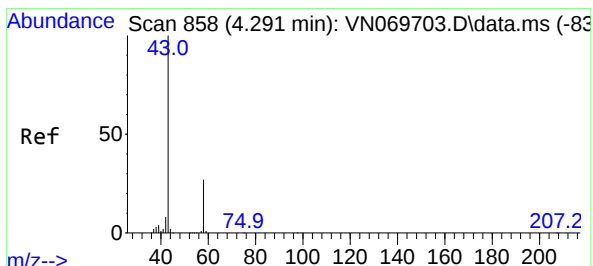
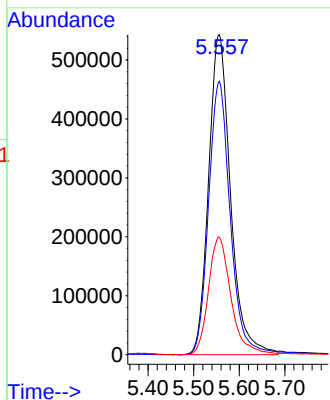
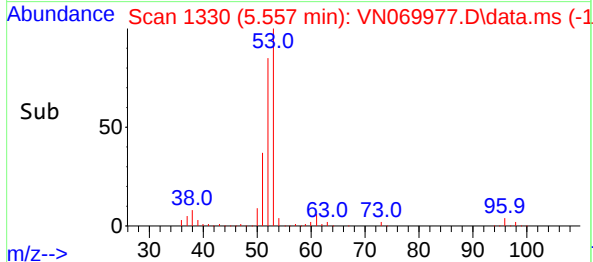
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



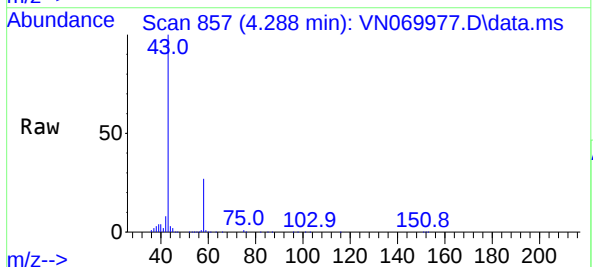
Tgt Ion: 53 Resp: 181550
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.2
51 37.9 29.6 44.4

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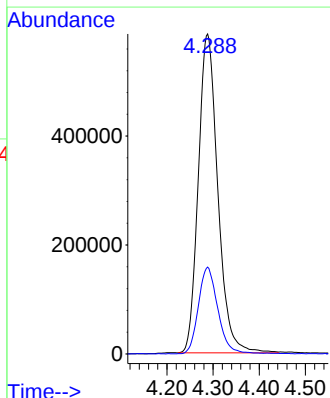
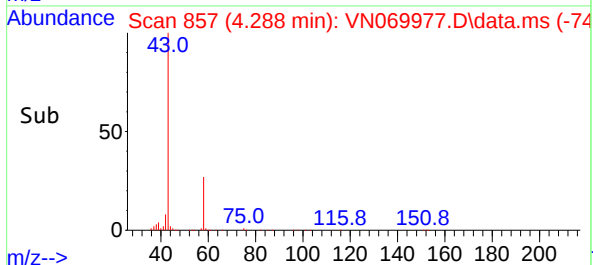
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

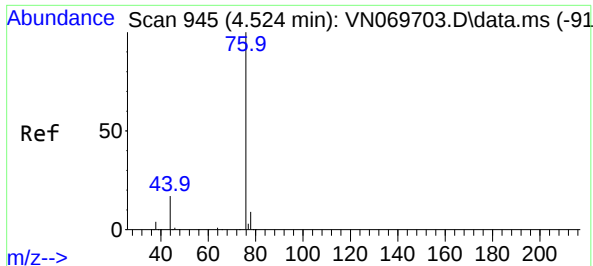


#16
Acetone
Concen: 193.181 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



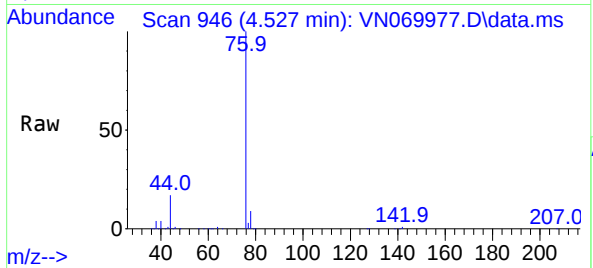
Tgt Ion: 43 Resp: 1719110
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 51.694 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

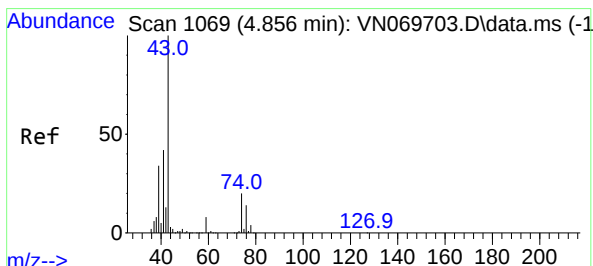
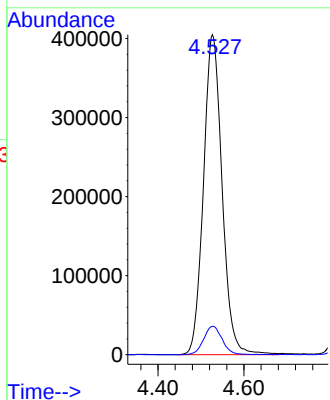
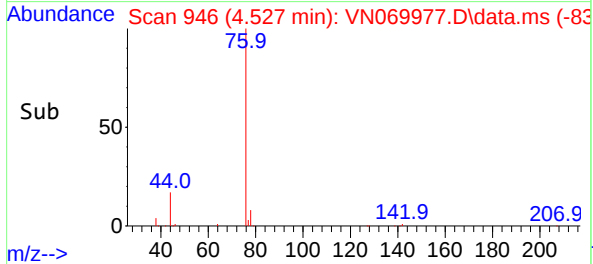
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



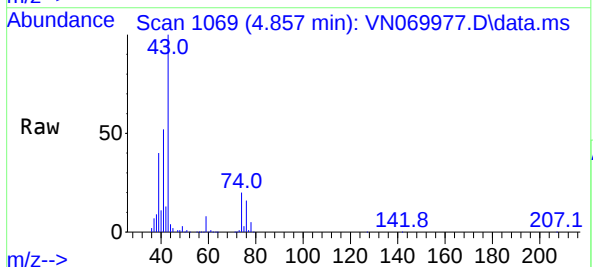
Tgt Ion: 76 Resp: 121885
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

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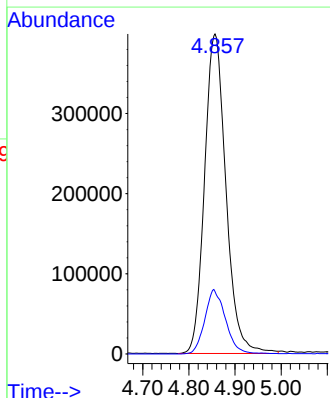
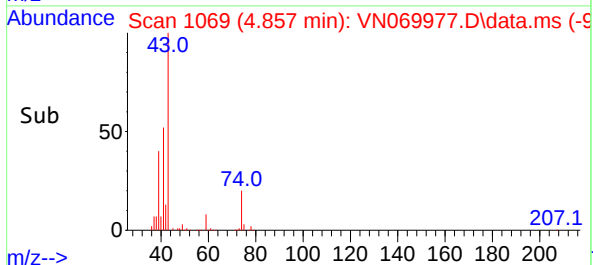
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

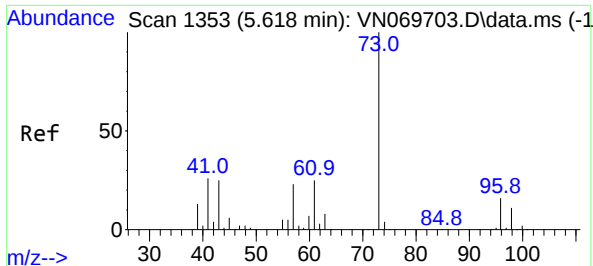


#18
Methyl Acetate
Concen: 47.797 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion: 43 Resp: 1283861
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 49.791 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069977.D

Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 176689

Ion Ratio Lower Upper

73 100

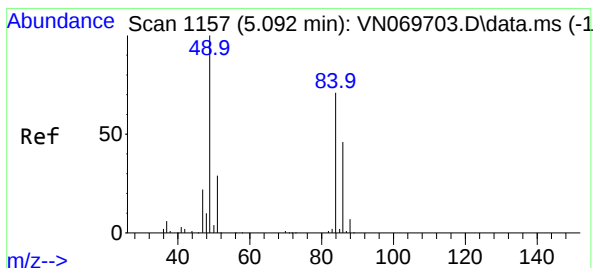
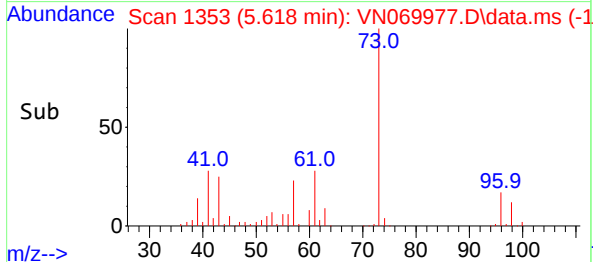
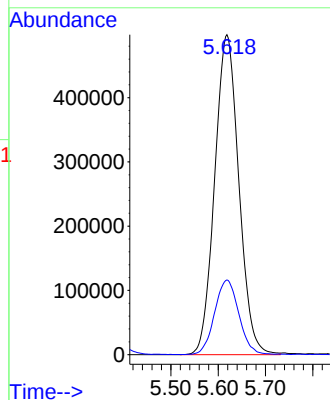
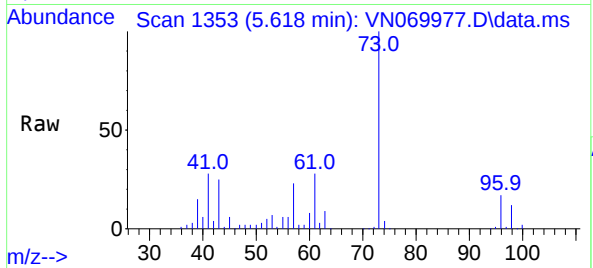
57 23.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#20

Methylene Chloride

Concen: 47.234 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069977.D

Acq: 10 Dec 2021 23:37

Tgt Ion: 84 Resp: 558779

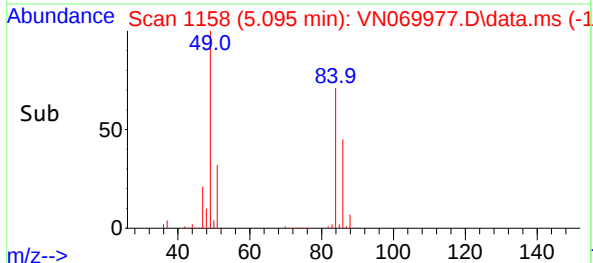
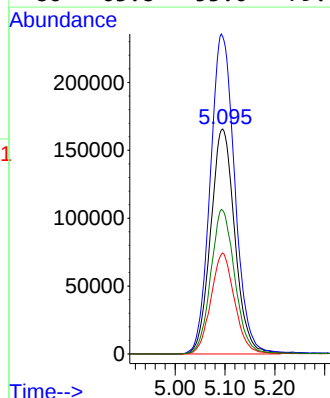
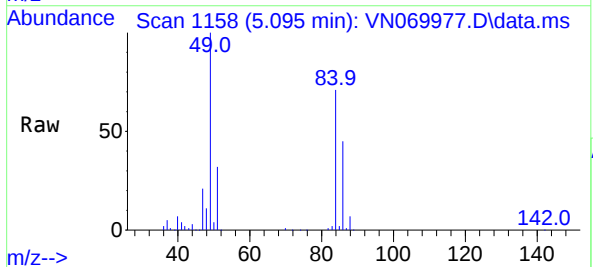
Ion Ratio Lower Upper

84 100

49 140.9 93.5 140.3#

51 44.8 29.4 44.2#

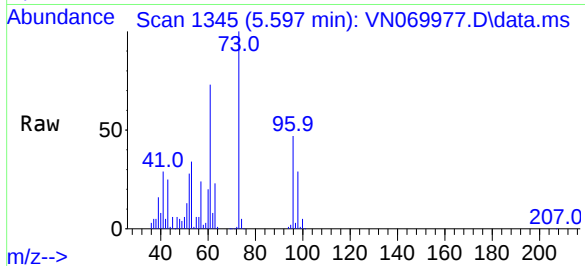
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.932 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

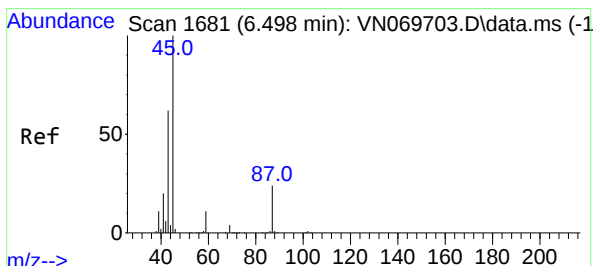
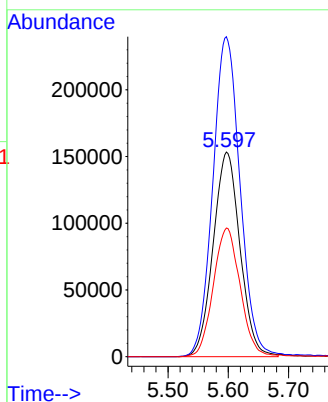
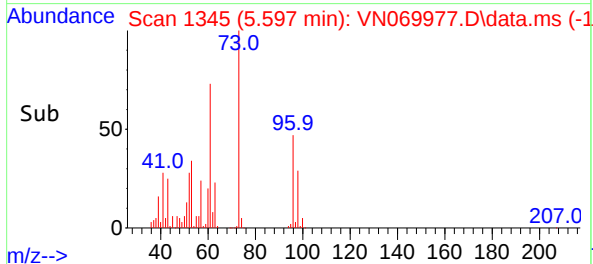
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



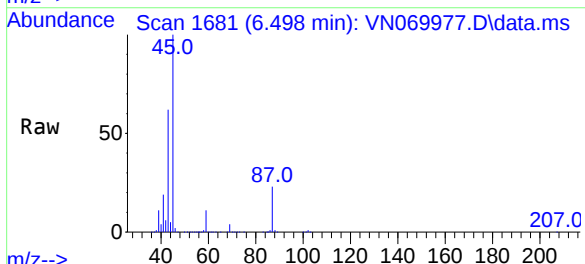
Tgt Ion: 96 Resp: 475139
Ion Ratio Lower Upper
96 100
61 156.3 105.8 158.6
98 62.9 52.0 78.0

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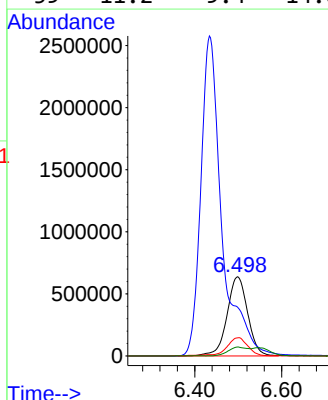
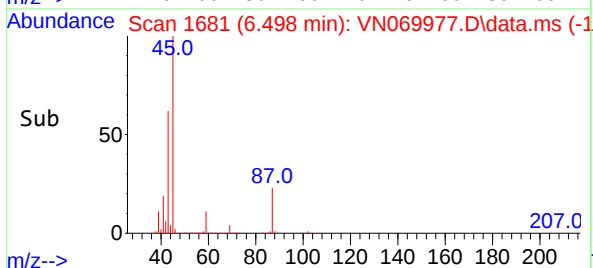
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

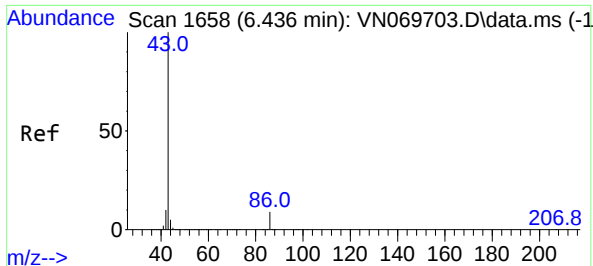


#22
Diisopropyl ether
Concen: 52.361 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion: 45 Resp: 2104729
Ion Ratio Lower Upper
45 100
43 61.6 51.7 77.5
87 22.8 23.2 34.8#
59 11.2 9.4 14.0





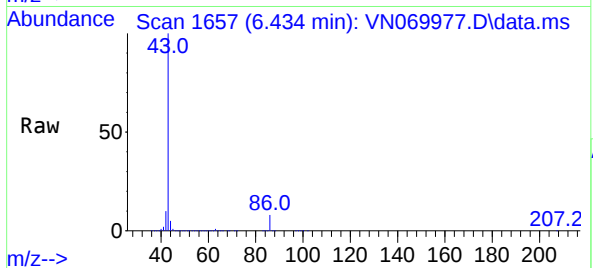
#23
 Vinyl Acetate
 Concen: 264.549 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069977.D
 Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

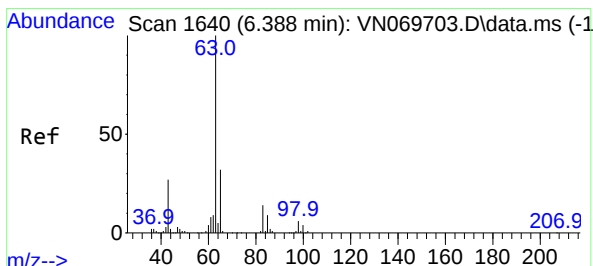
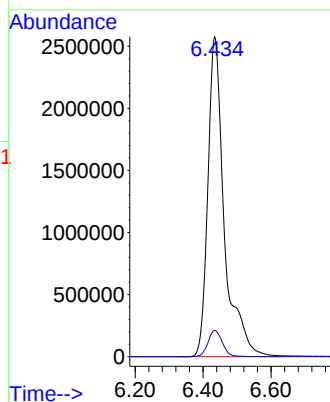
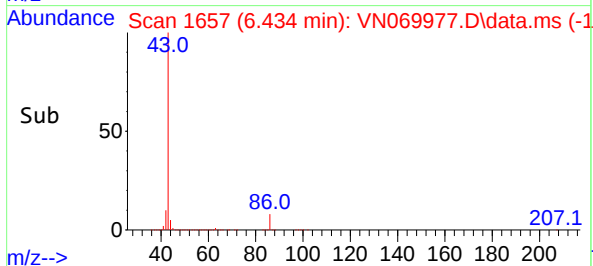


Tgt Ion: 43 Resp: 865128
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

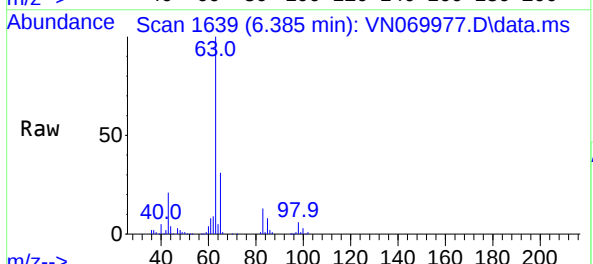
Manual Integrations

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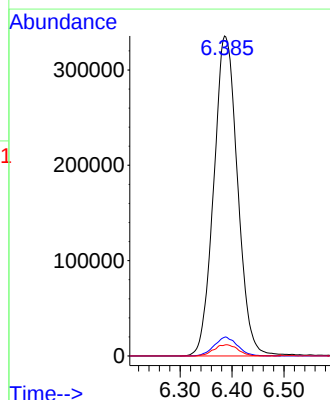
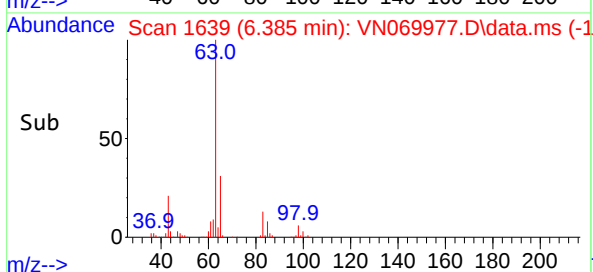
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 51.349 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.002 min
 Lab File: VN069977.D
 Acq: 10 Dec 2021 23:37



Tgt Ion: 63 Resp: 1069191
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.4 2.1 6.5





#25

2-Butanone

Concen: 222.550 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069977.D

Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2690869

Ion Ratio Lower Upper

43 100

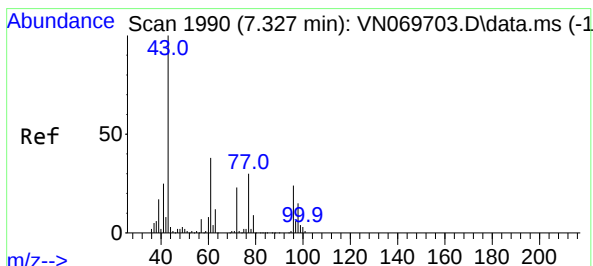
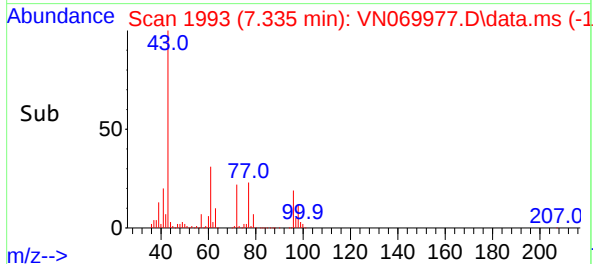
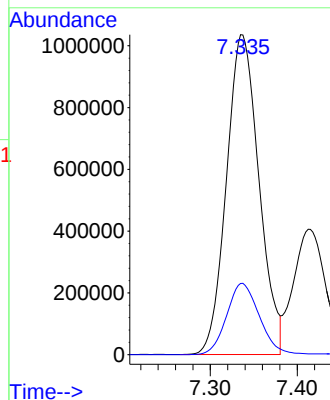
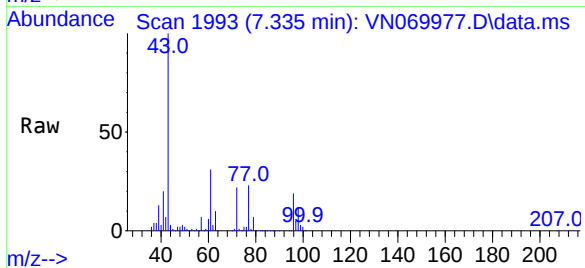
72 22.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#26

2,2-Dichloropropane

Concen: 47.095 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069977.D

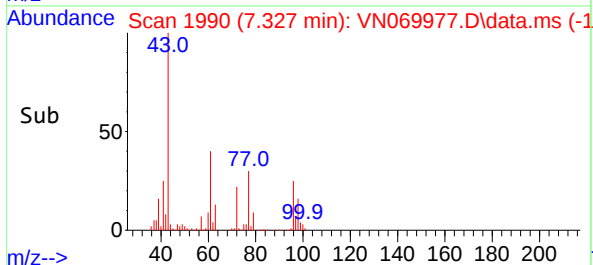
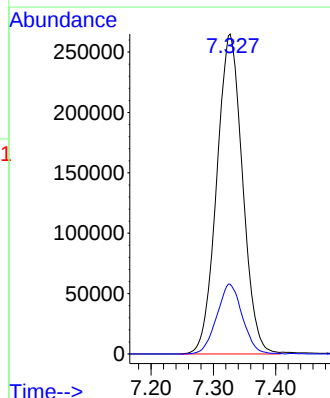
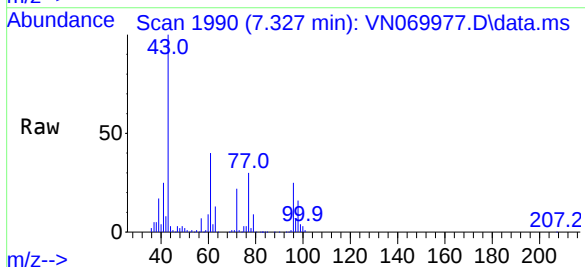
Acq: 10 Dec 2021 23:37

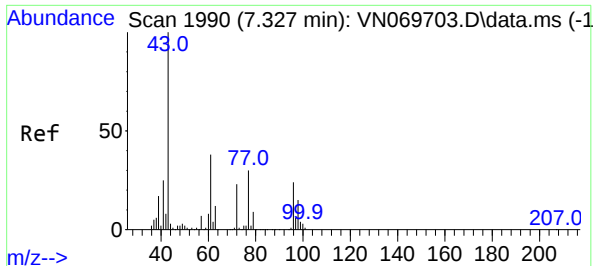
Tgt Ion: 77 Resp: 762442

Ion Ratio Lower Upper

77 100

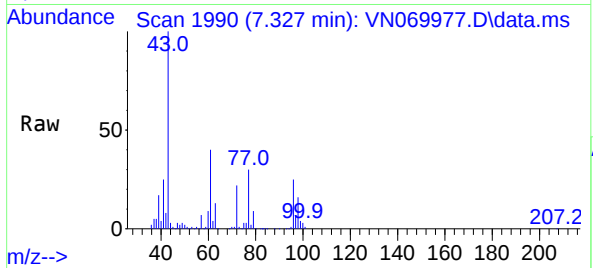
97 21.6 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 48.630 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

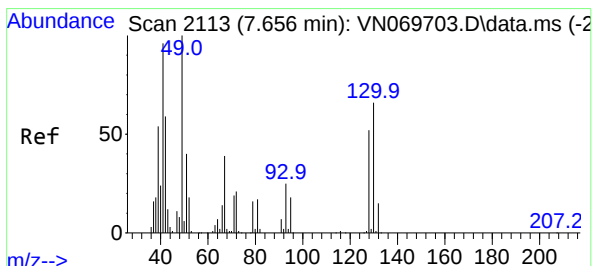
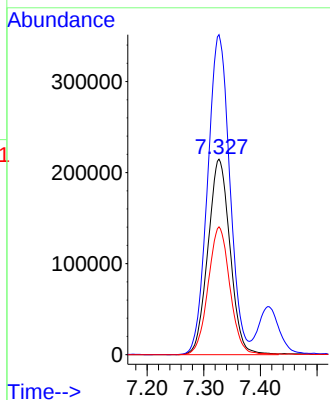
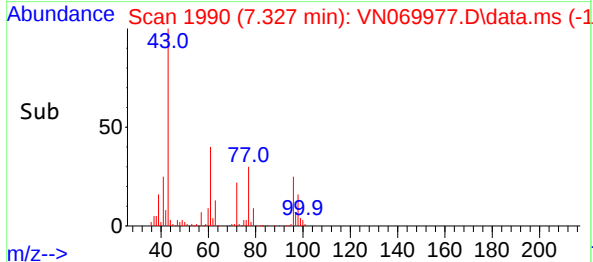
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



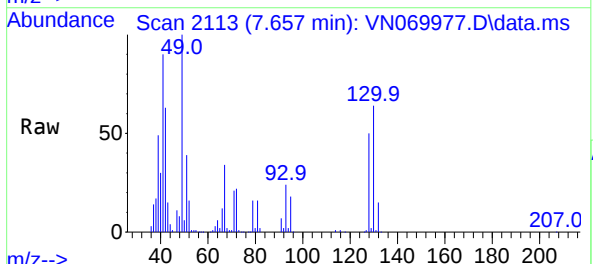
Tgt Ion: 96 Resp: 58242
Ion Ratio Lower Upper
96 100
61 164.1 0.0 275.0
98 64.2 0.0 129.6

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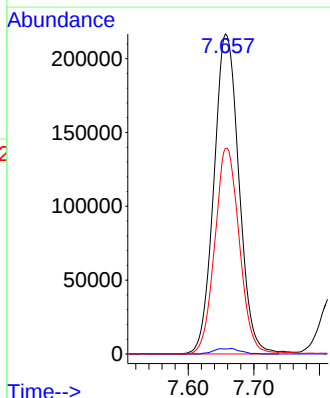
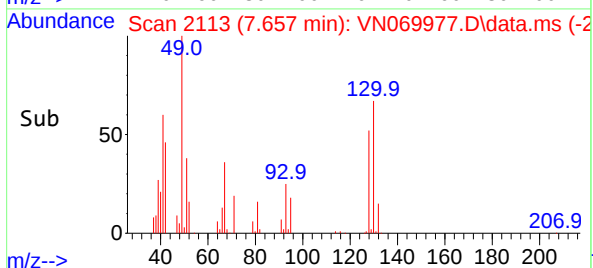
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#28
Bromochloromethane
Concen: 53.033 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion: 49 Resp: 574235
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 63.2 67.8 101.8





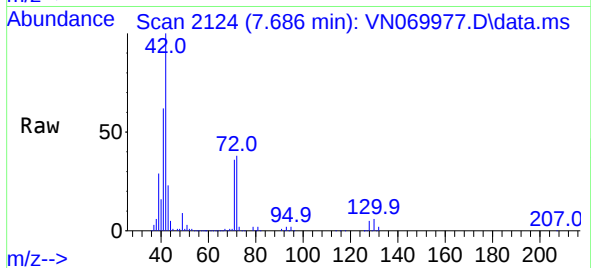
#29
Tetrahydrofuran
Concen: 239.562 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

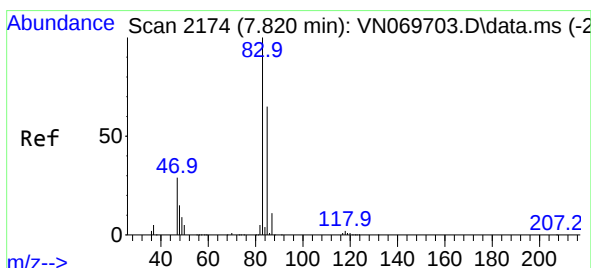
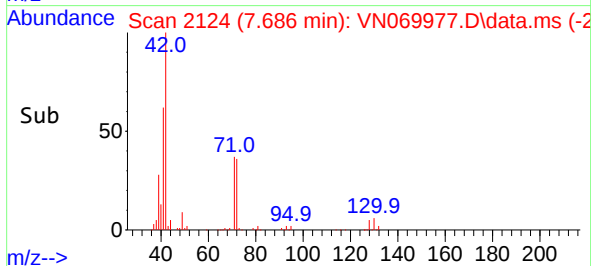
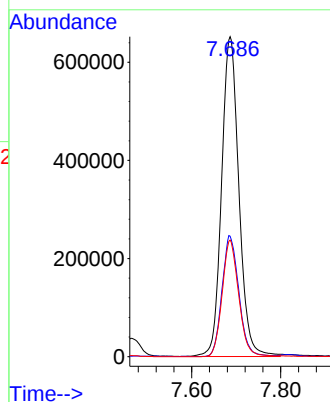


Tgt Ion: 42 Resp: 175886
Ion Ratio Lower Upper
42 100
72 36.6 36.3 54.5
71 34.9 34.7 52.1

Manual Integrations

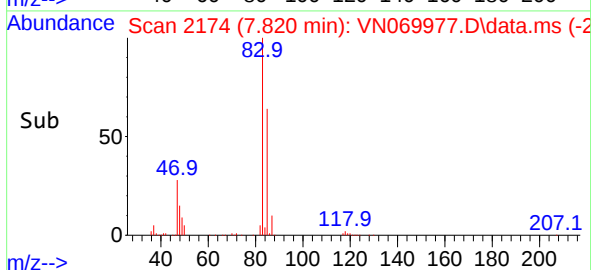
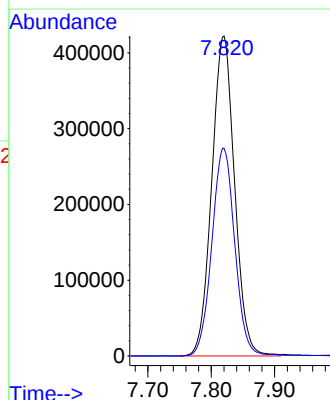
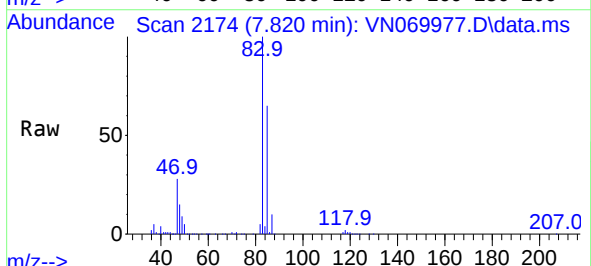
APPROVED

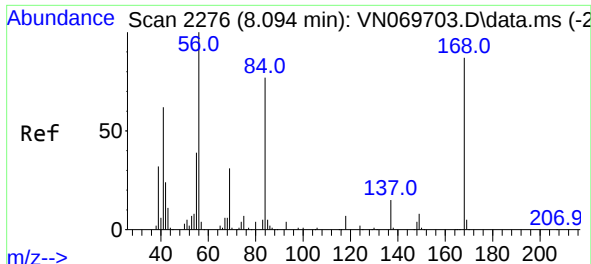
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#30
Chloroform
Concen: 50.287 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

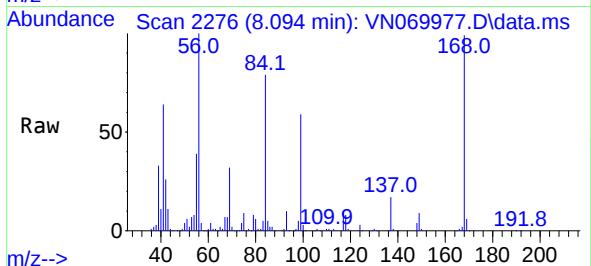
Tgt Ion: 83 Resp: 1057492
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9





#31
Cyclohexane
Concen: 46.933 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

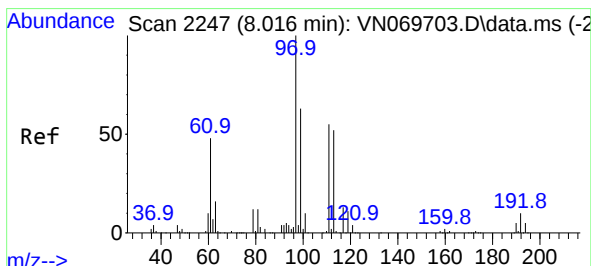
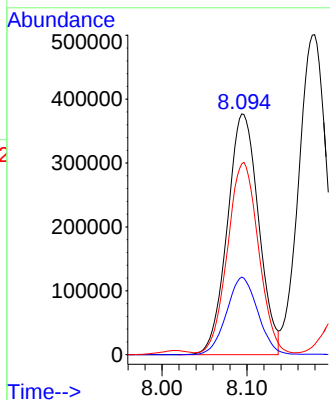
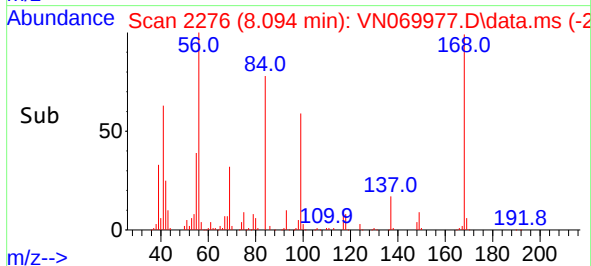
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



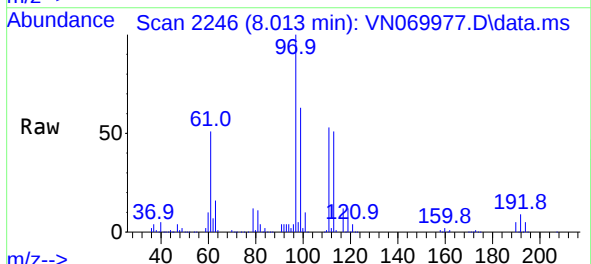
Tgt Ion: 56 Resp: 96622
Ion Ratio Lower Upper
56 100
69 32.2 27.1 40.7
84 77.6 73.4 110.0

Manual Integrations
APPROVED

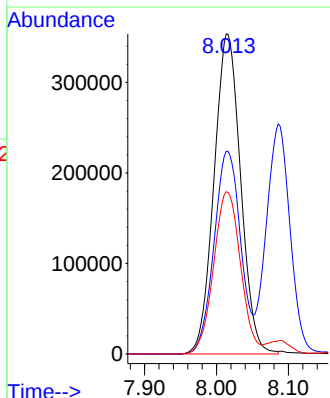
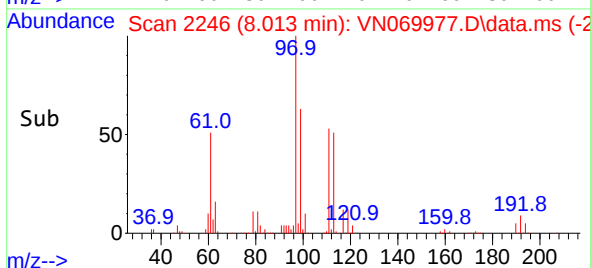
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

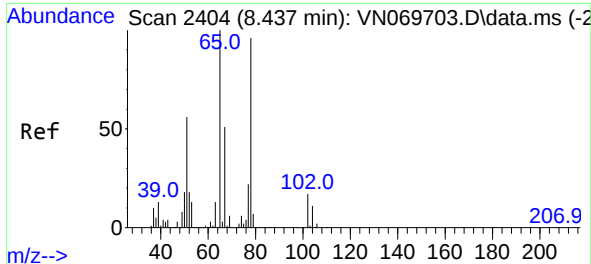


#32
1,1,1-Trichloroethane
Concen: 50.686 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



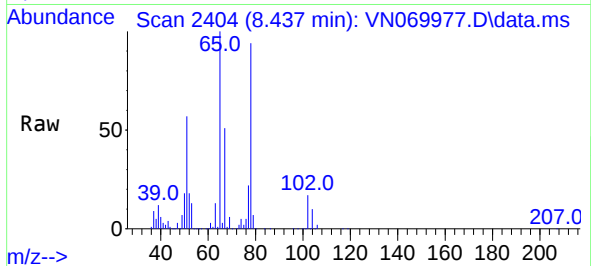
Tgt Ion: 97 Resp: 907921
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 51.5 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 49.878 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

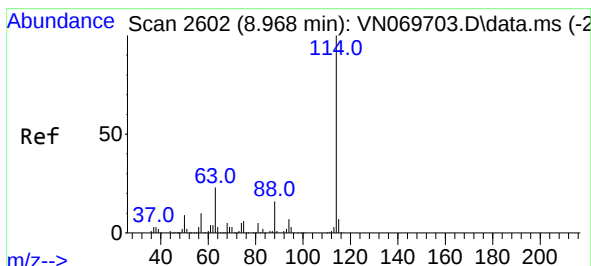
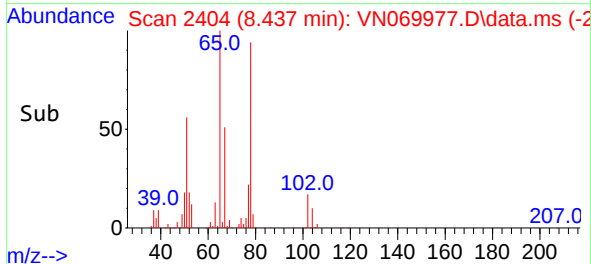
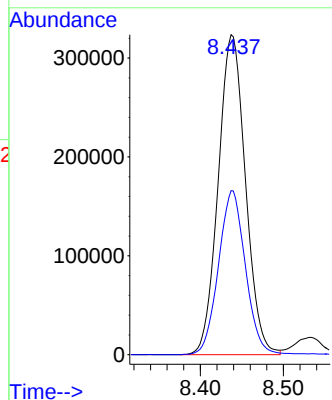
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 737875
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

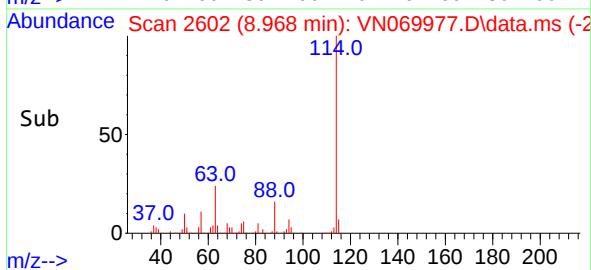
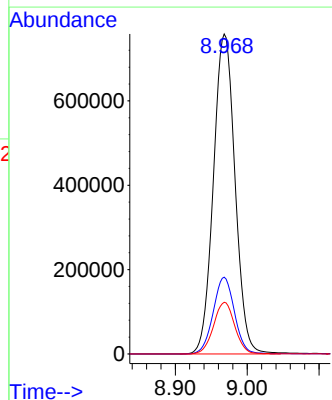
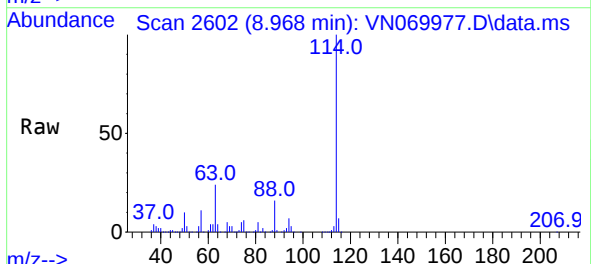
Manual Integrations
APPROVED

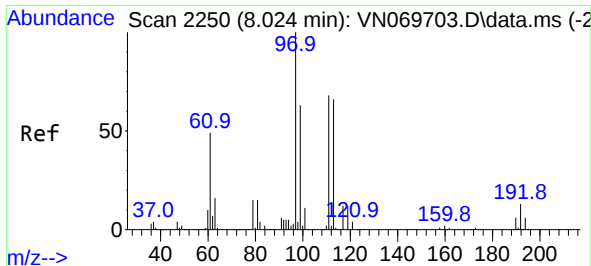
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Tgt Ion:114 Resp: 1583261
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.1 0.0 27.4





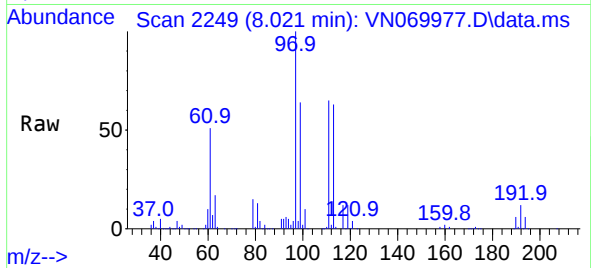
#35
Dibromofluoromethane
Concen: 51.316 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

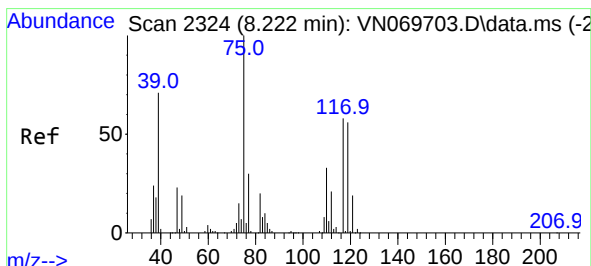
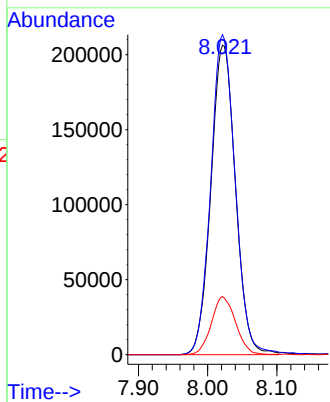
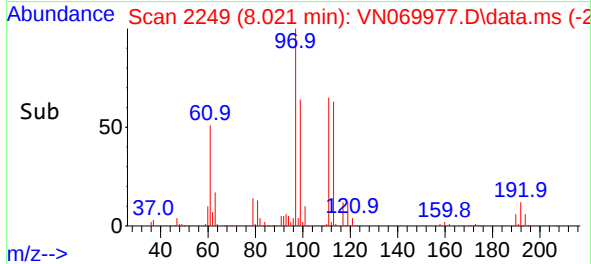


Tgt Ion:113 Resp: 508914
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.5 16.9 25.3

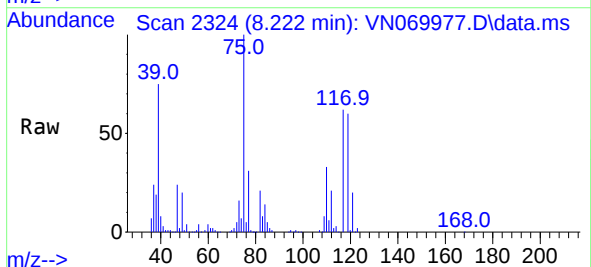
Manual Integrations

APPROVED

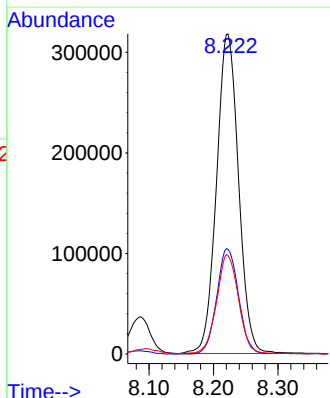
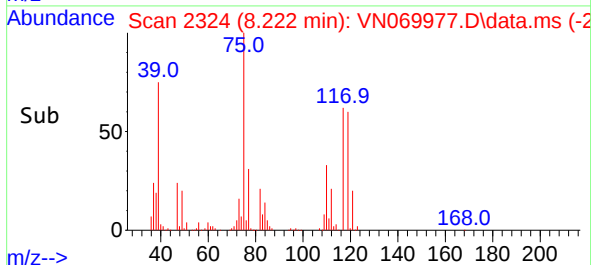
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

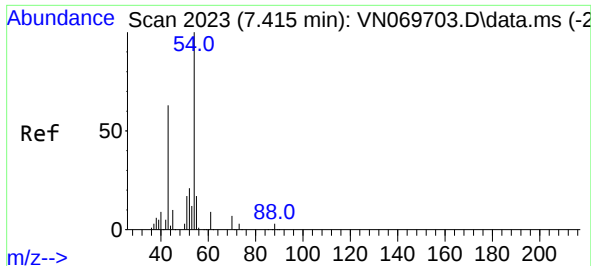


#36
1,1-Dichloropropene
Concen: 50.049 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion: 75 Resp: 754344
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 47.297 ug/l
RT: 7.413 min Scan# 20
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

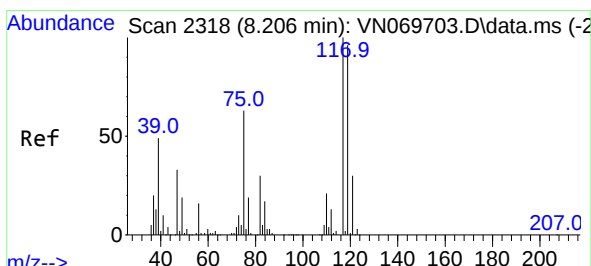
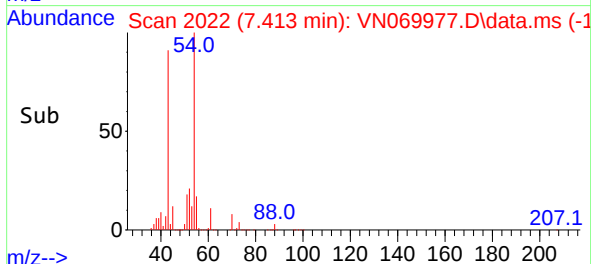
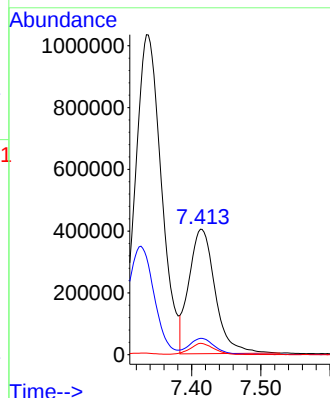
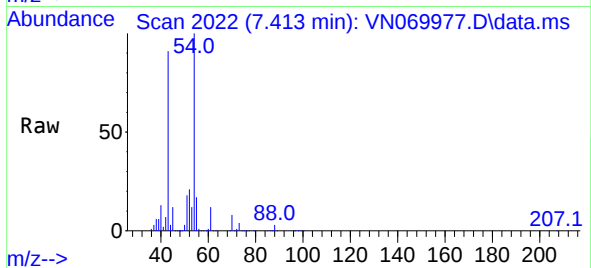
VSTDCCC050

Tgt Ion: 43 Resp: 106101
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.1 7.9 11.9

Manual Integrations

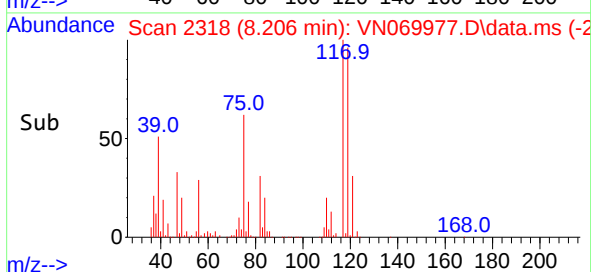
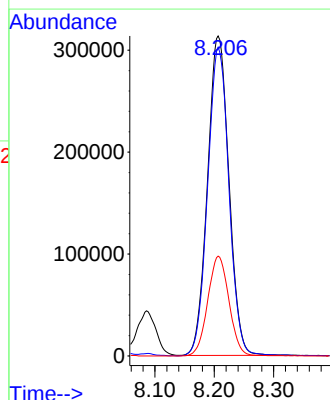
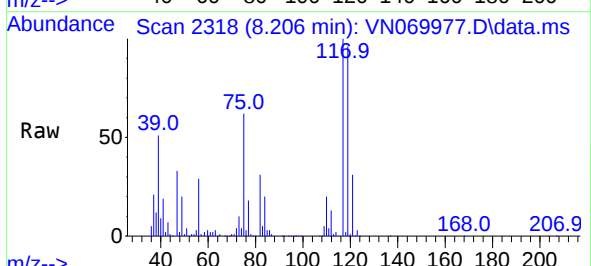
APPROVED

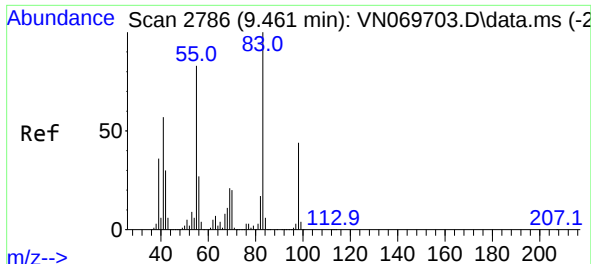
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 53.133 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

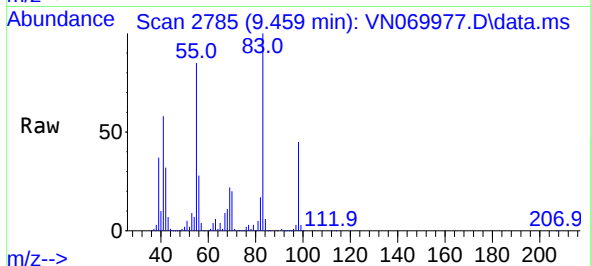
Tgt Ion:117 Resp: 785314
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 31.3 24.2 36.2





#39
Methylcyclohexane
Concen: 48.931 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

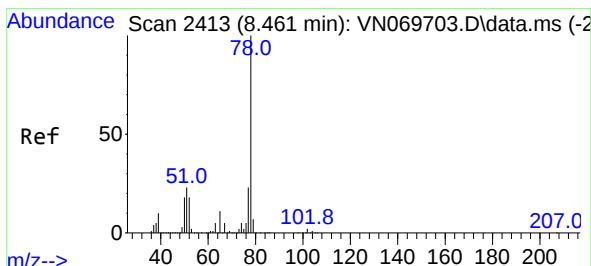
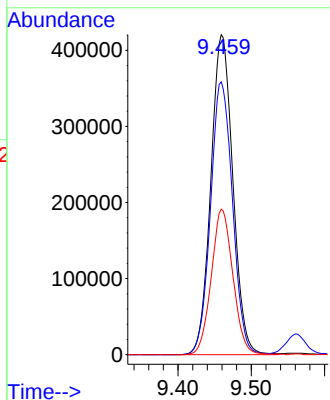
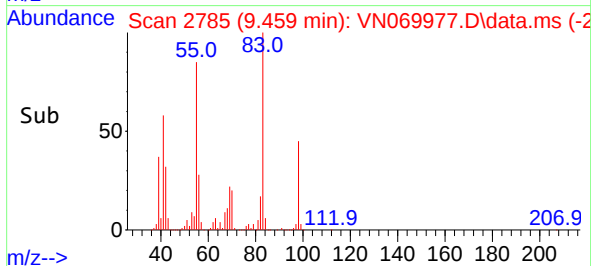
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



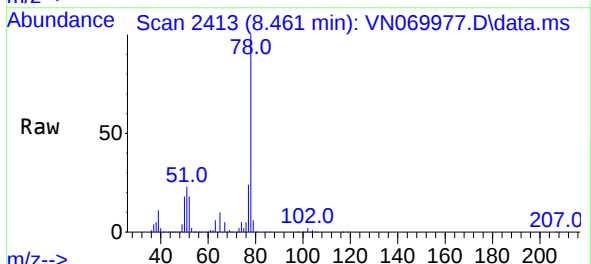
Tgt Ion: 83 Resp: 87723
Ion Ratio Lower Upper
83 100
55 85.2 58.1 87.1
98 45.5 38.4 57.6

Manual Integrations
APPROVED

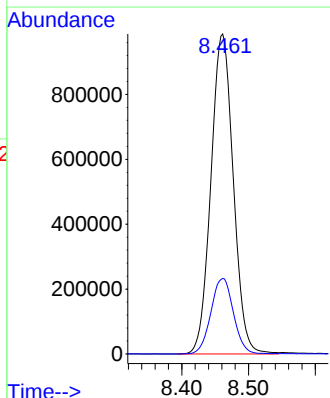
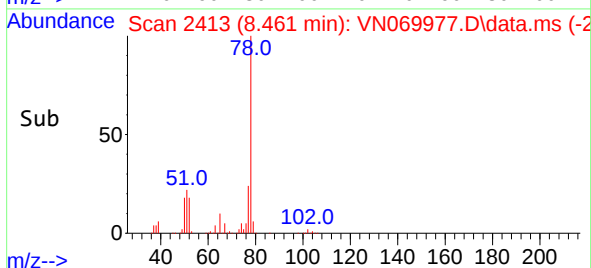
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

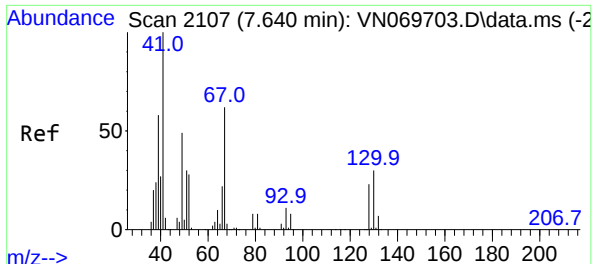


#40
Benzene
Concen: 49.833 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



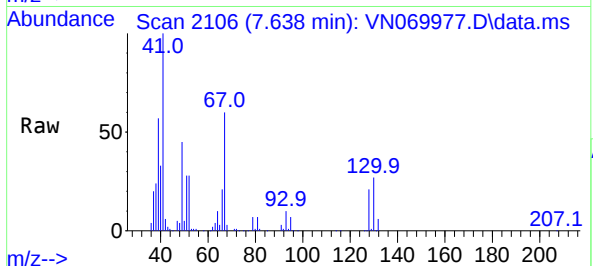
Tgt Ion: 78 Resp: 2295796
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 50.470 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

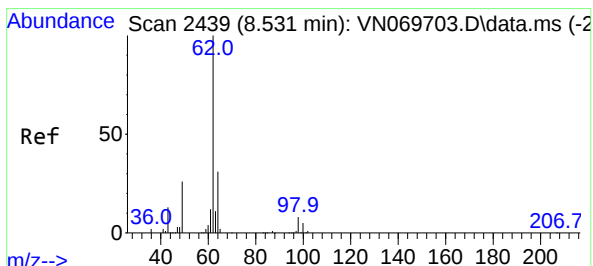
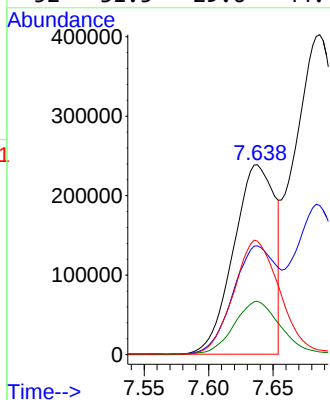
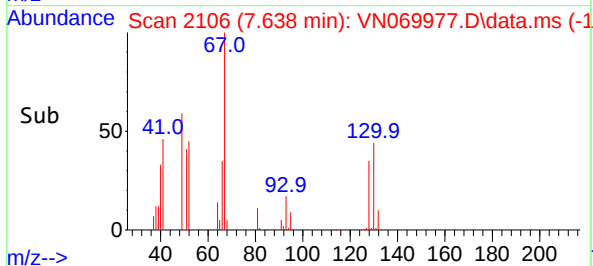
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 531480
Ion Ratio Lower Upper
41 100
39 60.8 48.1 72.1
67 69.2 68.3 102.5
52 31.5 29.6 44.4

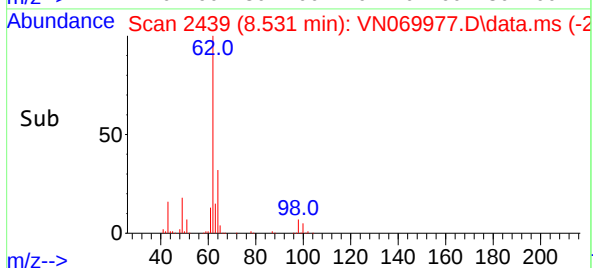
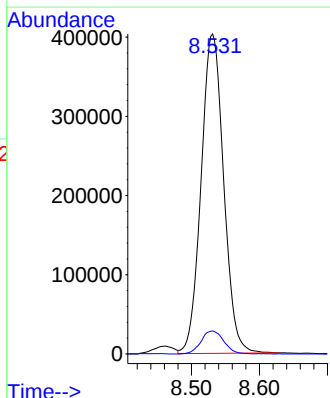
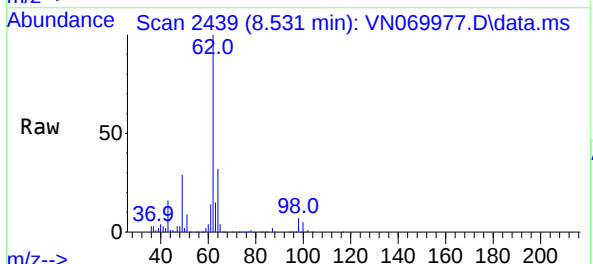
Manual Integrations
APPROVED

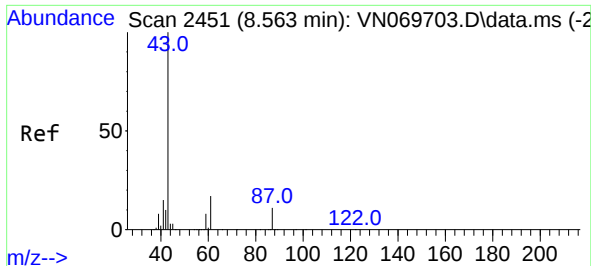
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 49.997 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Tgt Ion: 62 Resp: 929811
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





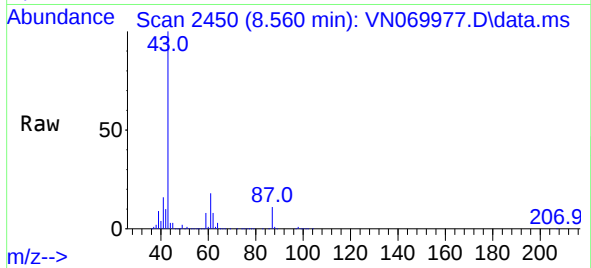
#43
Isopropyl Acetate
Concen: 50.648 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

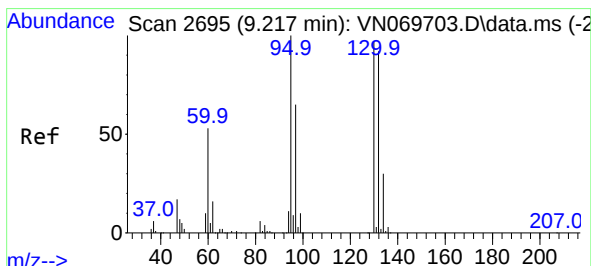
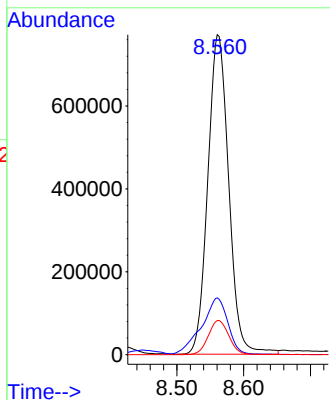
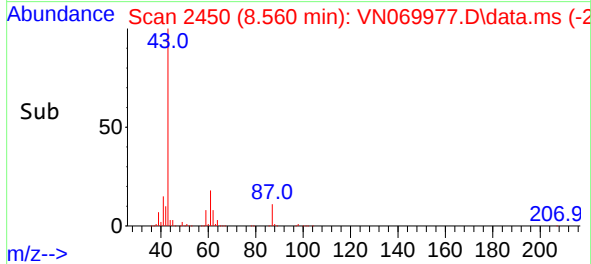


Tgt Ion: 43 Resp: 1681370
Ion Ratio Lower Upper
43 100
61 22.1 20.4 30.6
87 10.6 11.2 16.8

Manual Integrations

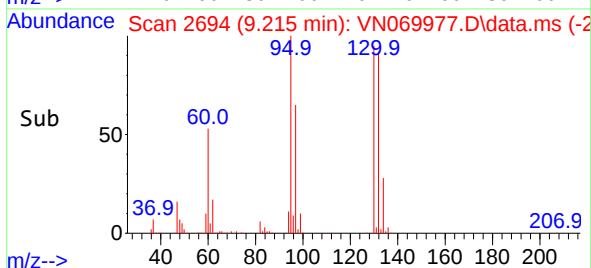
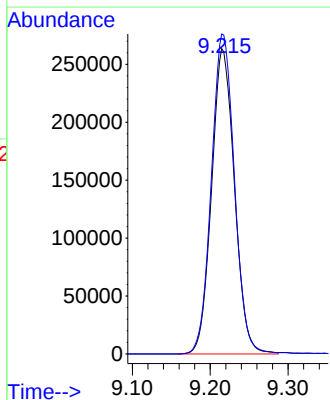
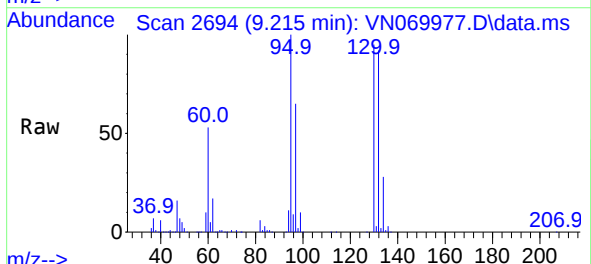
APPROVED

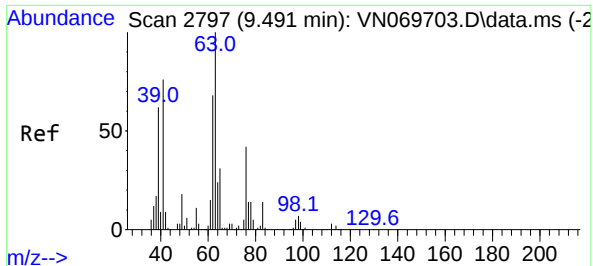
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 48.759 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

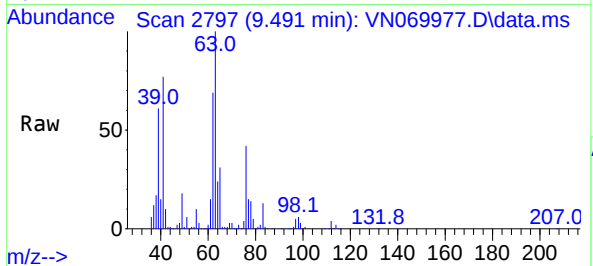
Tgt Ion:130 Resp: 536143
Ion Ratio Lower Upper
130 100
95 104.8 0.0 191.2





#45
1,2-Dichloropropane
Concen: 51.523 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

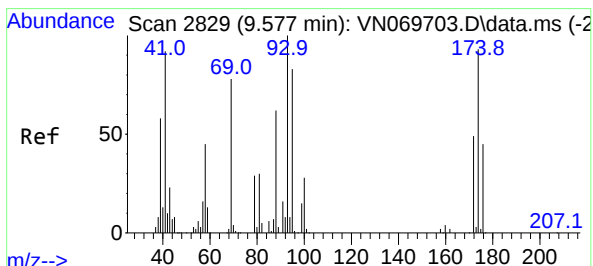
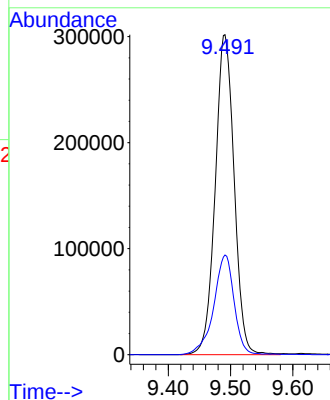
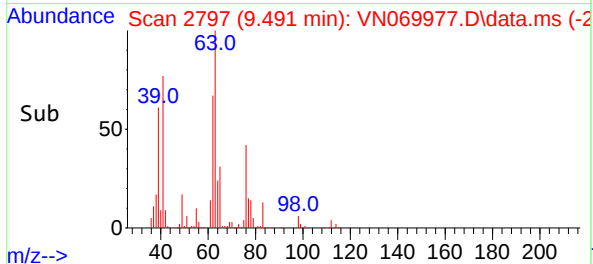
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



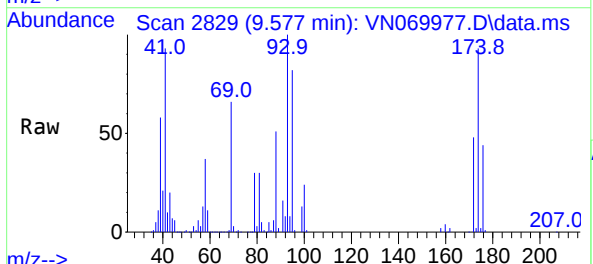
Tgt Ion: 63 Resp: 637400
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1

Manual Integrations
APPROVED

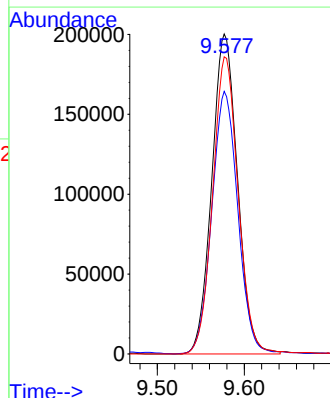
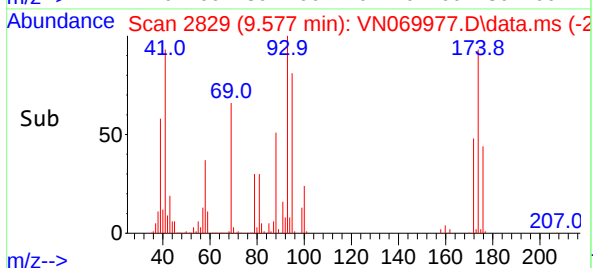
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

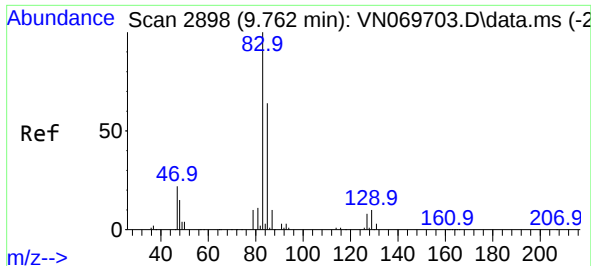


#46
Dibromomethane
Concen: 50.733 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion: 93 Resp: 411627
Ion Ratio Lower Upper
93 100
95 83.0 65.9 98.9
174 92.4 84.6 127.0





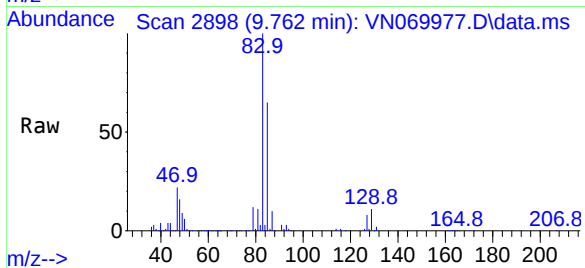
#47
Bromodichloromethane
Concen: 56.713 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

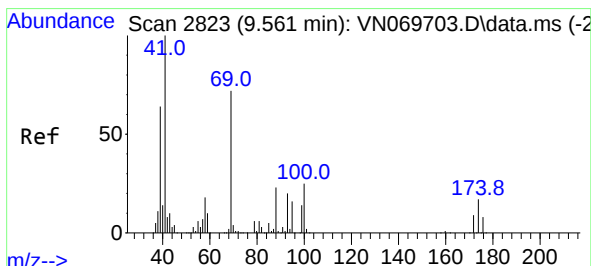
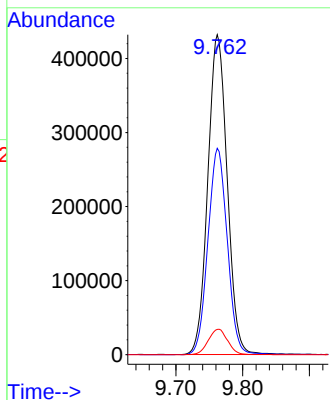
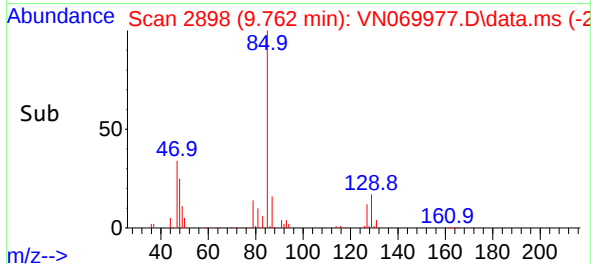


Tgt Ion: 83 Resp: 871220
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 7.9 7.1 10.7

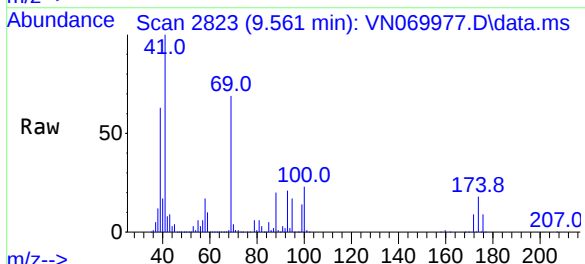
Manual Integrations

APPROVED

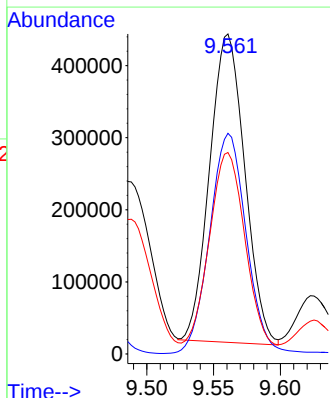
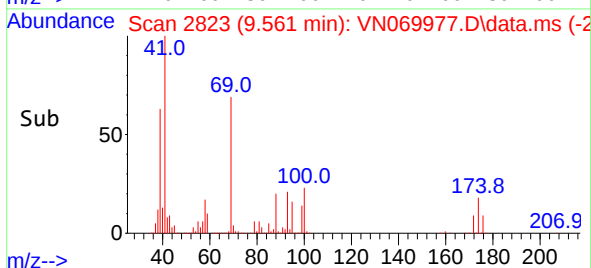
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

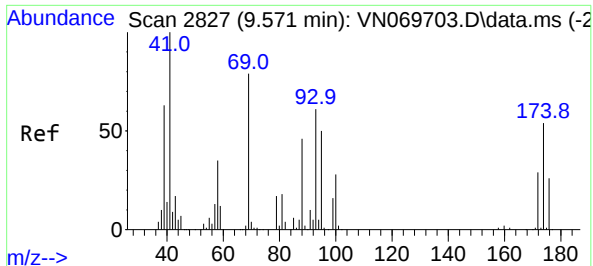


#48
Methyl methacrylate
Concen: 50.564 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



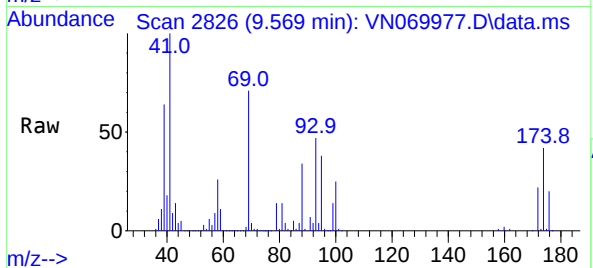
Tgt Ion: 41 Resp: 783350
Ion Ratio Lower Upper
41 100
69 74.9 72.4 108.6
39 63.0 58.4 87.6





#49
1,4-Dioxane
Concen: 892.037 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

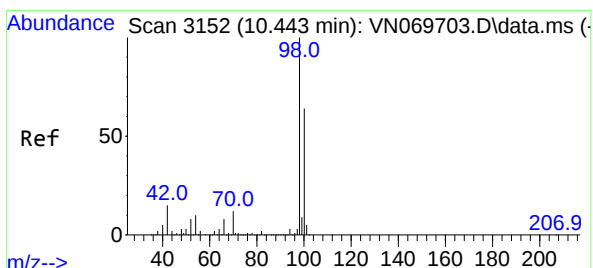
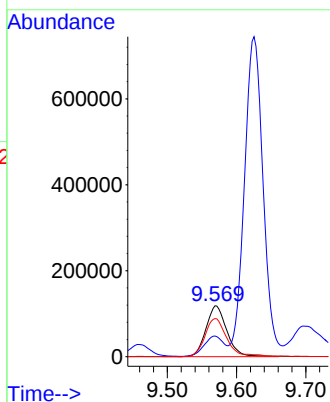
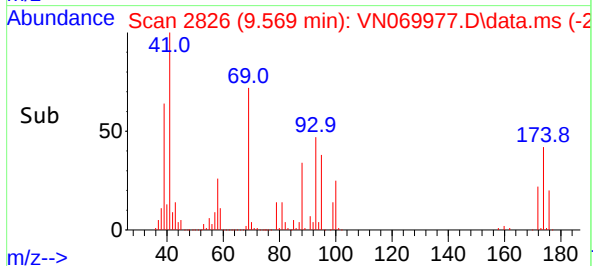
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



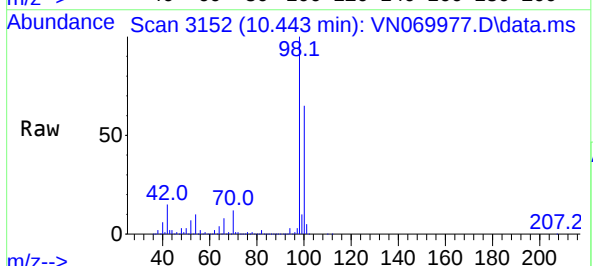
Tgt Ion: 88 Resp: 247968
Ion Ratio Lower Upper
88 100
43 37.5 23.4 35.2
58 79.1 50.6 75.8

Manual Integrations
APPROVED

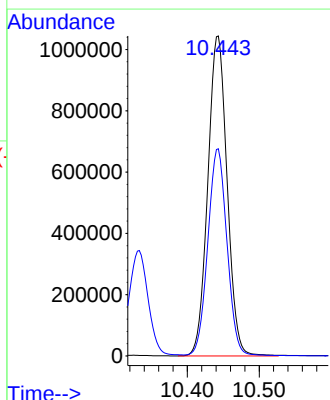
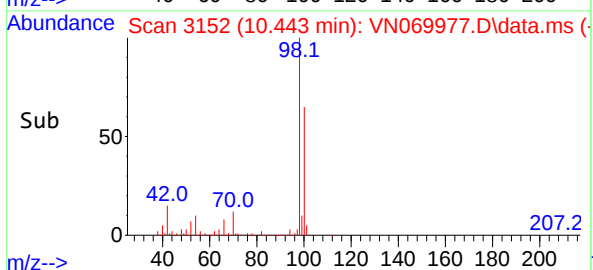
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

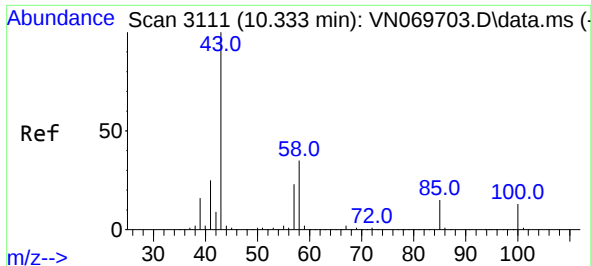


#50
Toluene-d8
Concen: 48.932 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion: 98 Resp: 1948506
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





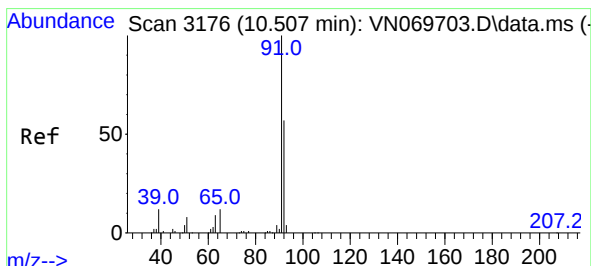
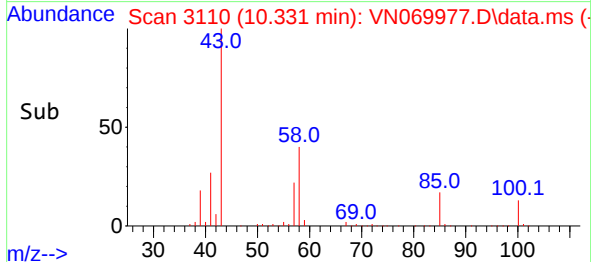
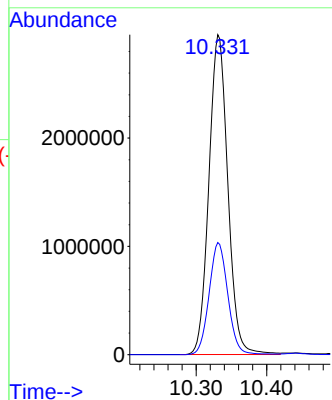
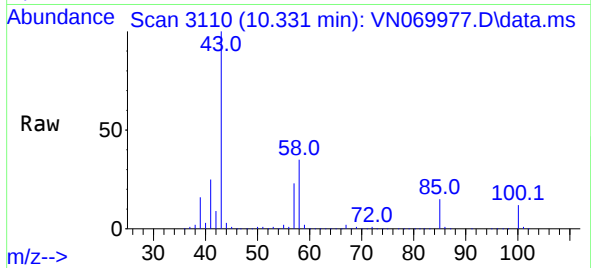
#51
4-Methyl-2-Pentanone
Concen: 255.648 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 550562
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

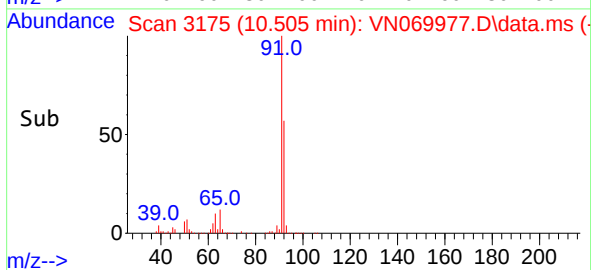
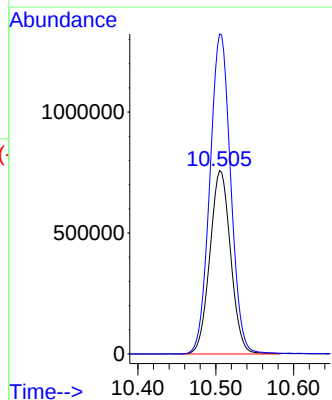
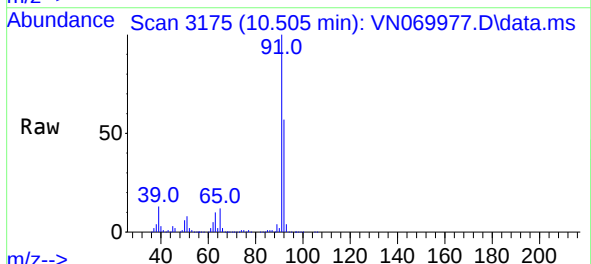
Manual Integrations
APPROVED

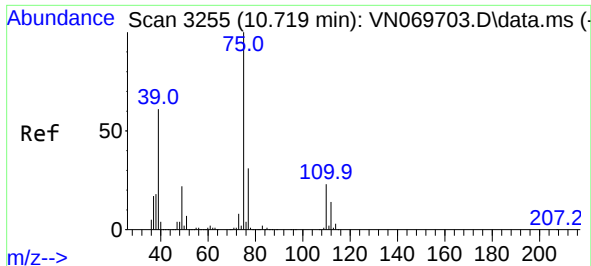
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 49.901 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Tgt Ion: 92 Resp: 1403547
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0





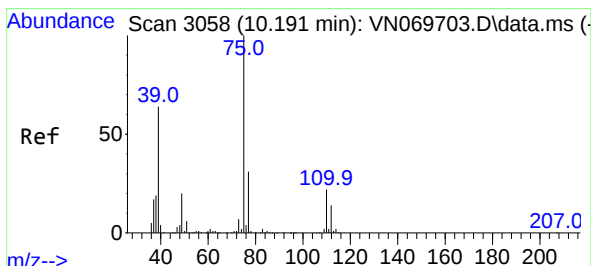
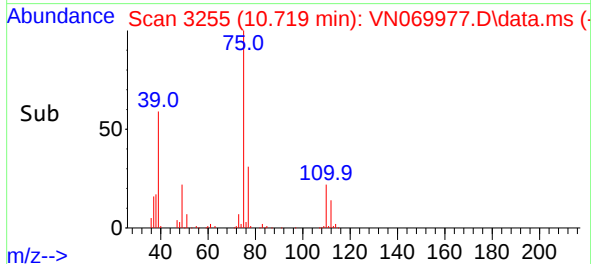
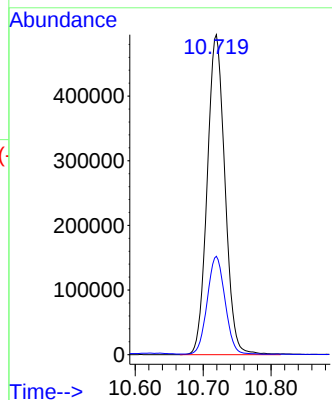
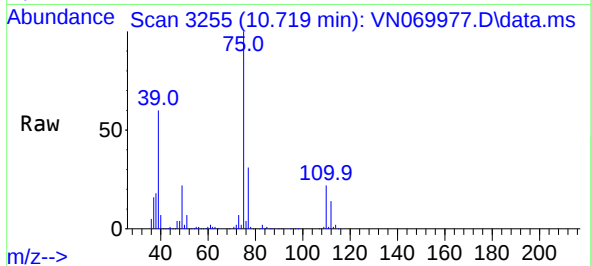
#53
t-1,3-Dichloropropene
Concen: 48.585 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 896258
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

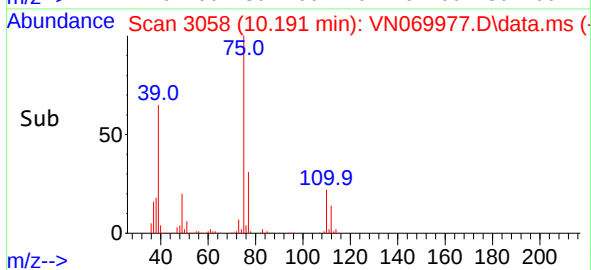
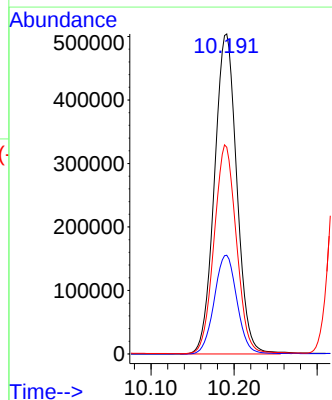
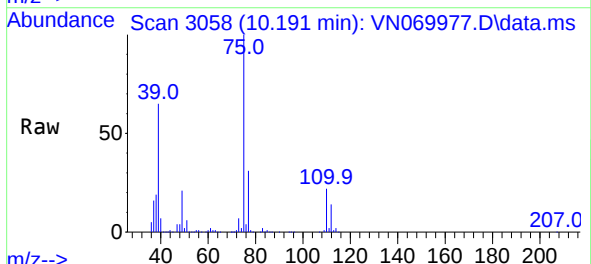
Manual Integrations
APPROVED

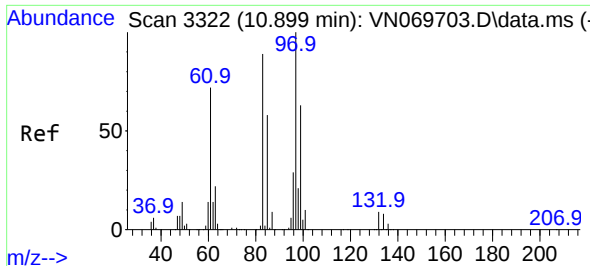
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#54
cis-1,3-Dichloropropene
Concen: 48.686 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

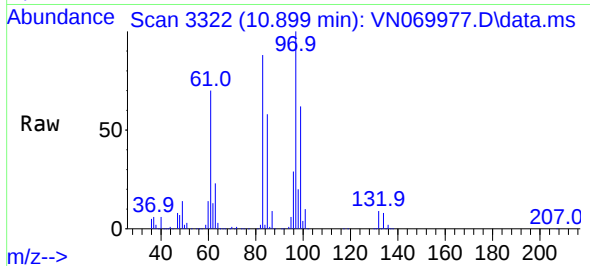
Tgt Ion: 75 Resp: 943150
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 64.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 50.630 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

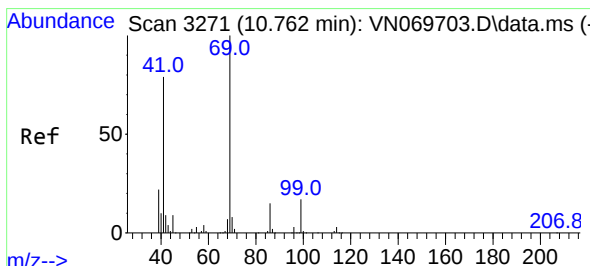
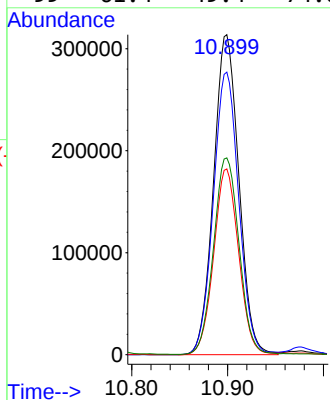
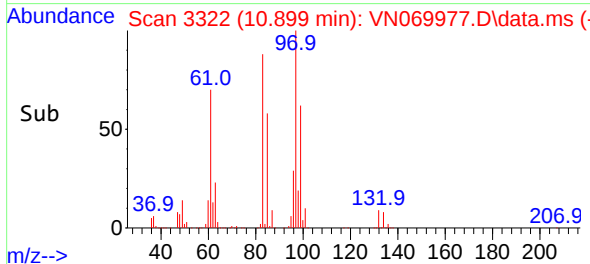
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



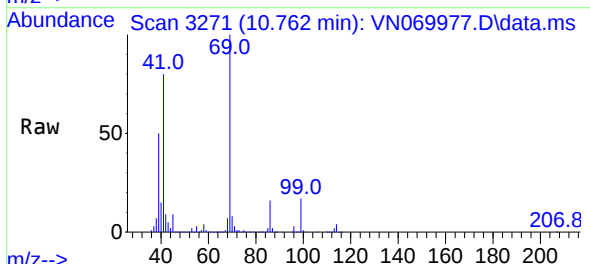
Tgt Ion: 97 Resp: 57457
Ion Ratio Lower Upper
97 100
83 88.3 67.8 101.6
85 58.0 45.4 68.2
99 61.4 49.4 74.0

Manual Integrations
APPROVED

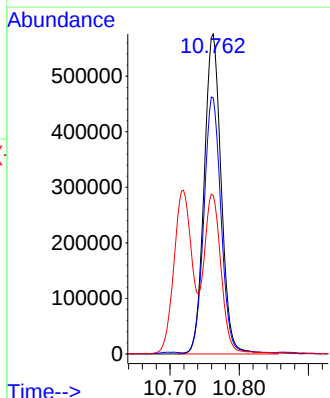
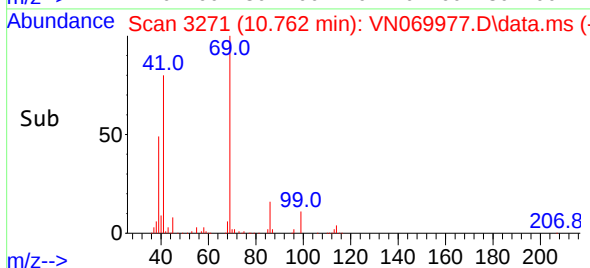
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

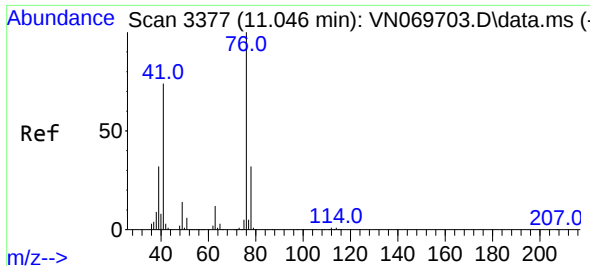


#56
Ethyl methacrylate
Concen: 46.181 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



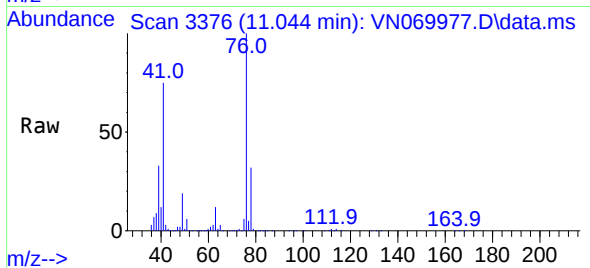
Tgt Ion: 69 Resp: 984946
Ion Ratio Lower Upper
69 100
41 80.0 51.4 77.0#
39 49.0 34.6 52.0





#57
1,3-Dichloropropane
Concen: 50.612 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

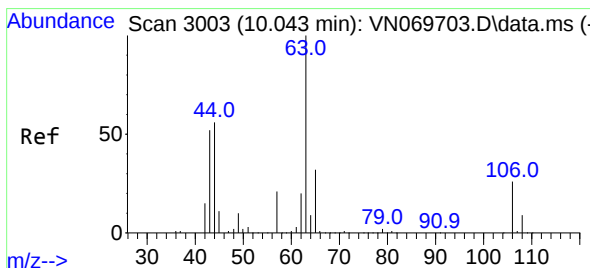
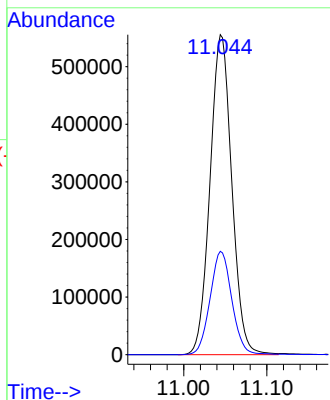
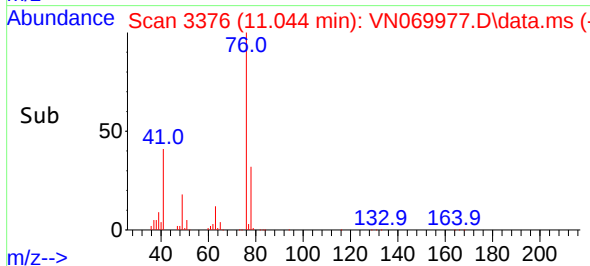
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



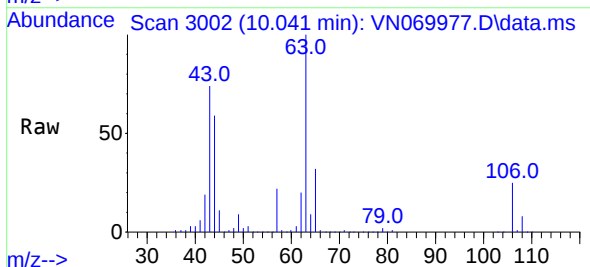
Tgt Ion: 76 Resp: 1011344
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
APPROVED

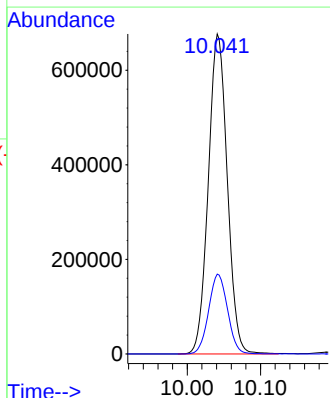
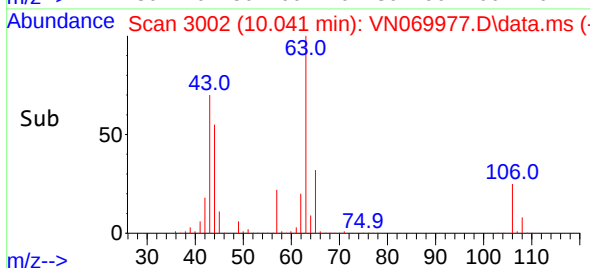
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

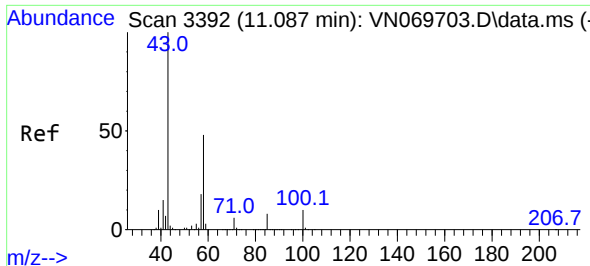


#58
2-Chloroethyl Vinyl ether
Concen: 213.213 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



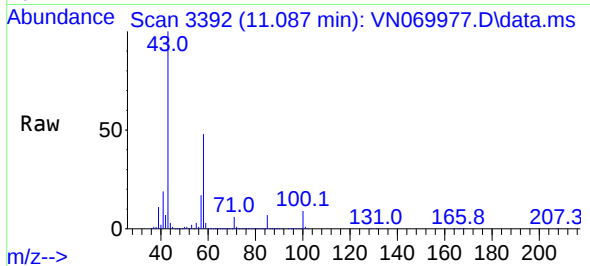
Tgt Ion: 63 Resp: 1216002
Ion Ratio Lower Upper
63 100
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 240.991 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

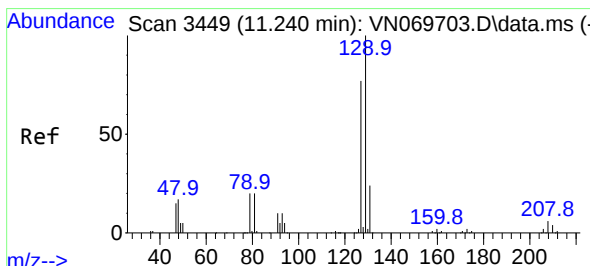
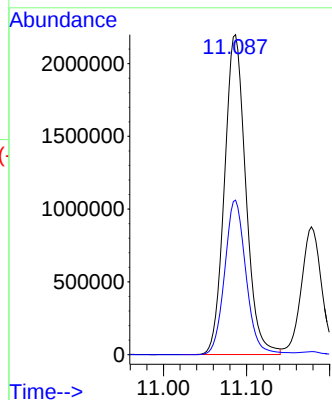
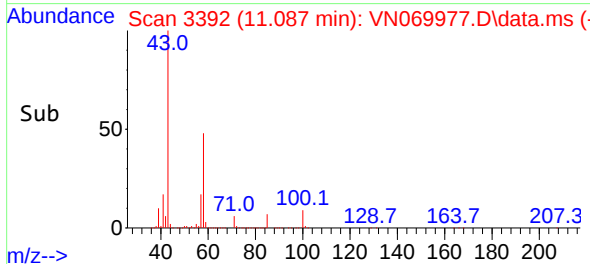
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 3926049
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

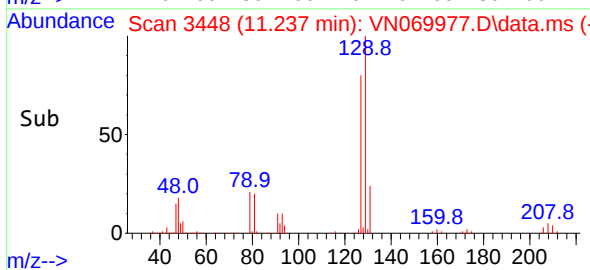
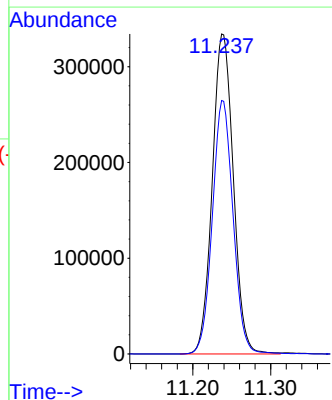
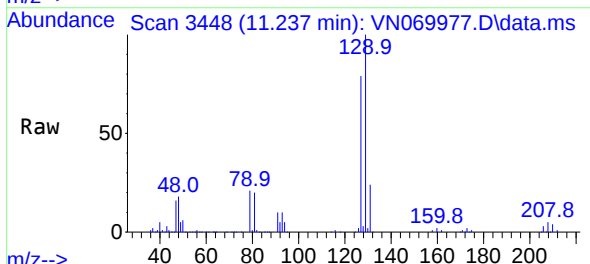
Manual Integrations
APPROVED

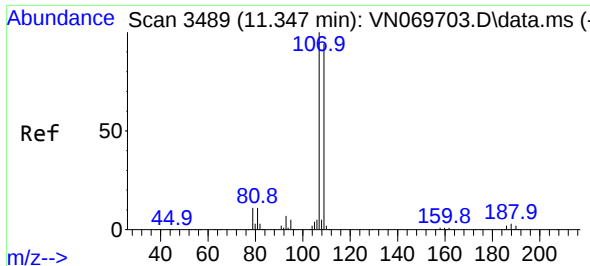
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 51.420 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

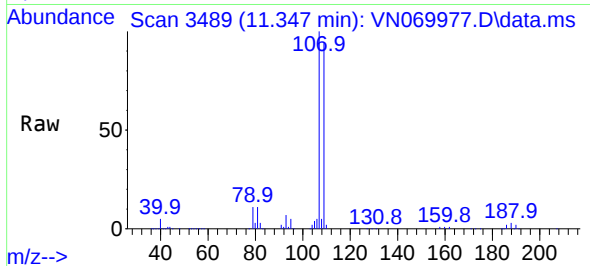
Tgt Ion:129 Resp: 626098
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.005 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

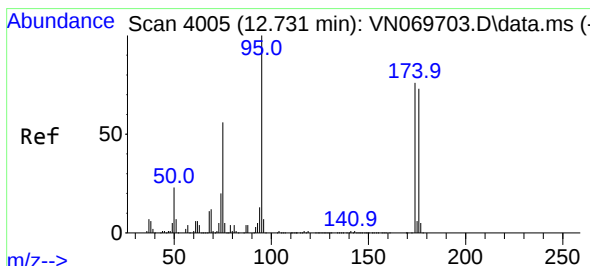
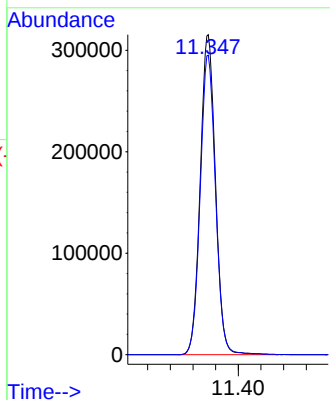
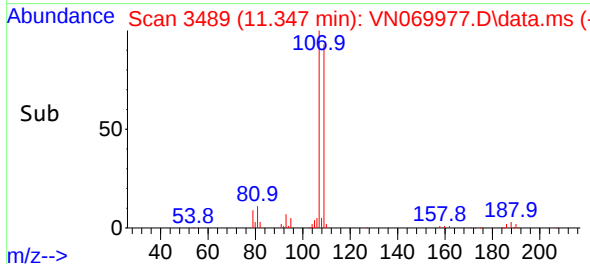
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



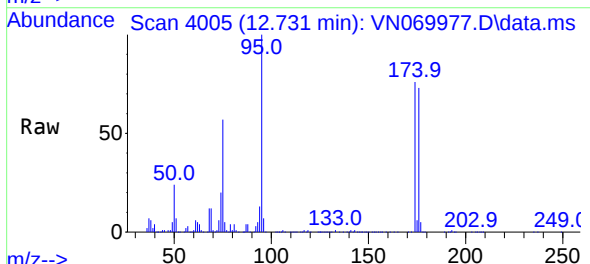
Tgt Ion:107 Resp: 587760
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

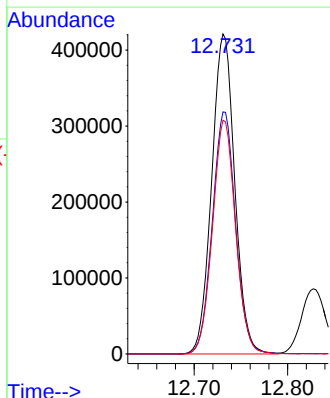
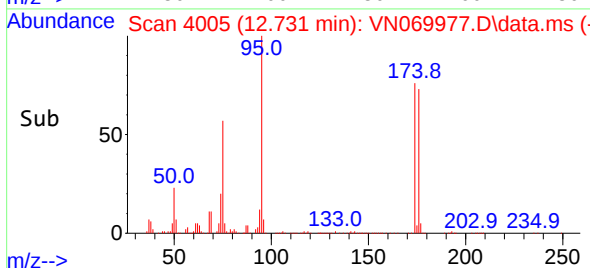
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

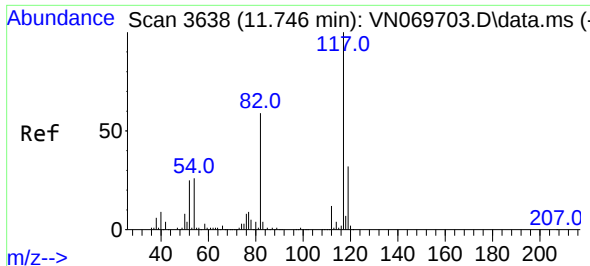


#62
4-Bromofluorobenzene
Concen: 50.065 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



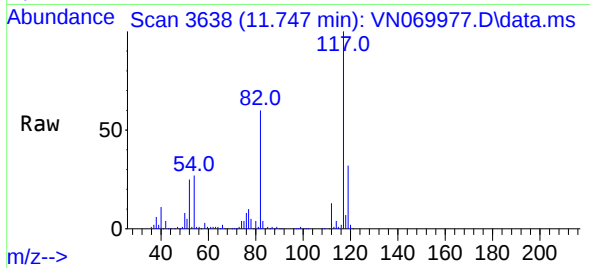
Tgt Ion: 95 Resp: 722251
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

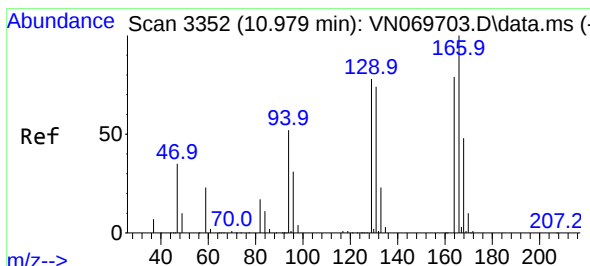
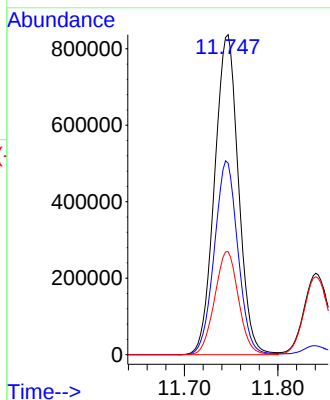
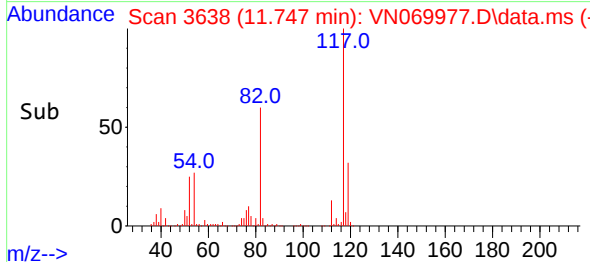


Tgt Ion:117 Resp: 148971

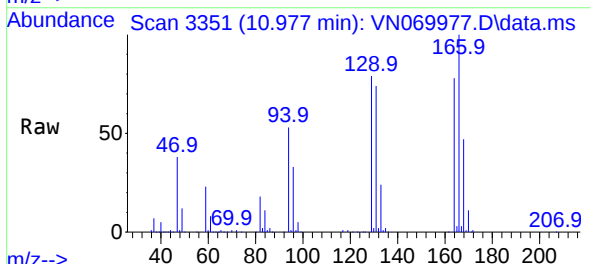
Ion	Ratio	Lower	Upper
117	100		
82	59.9	42.4	63.6
119	32.2	25.4	38.2

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

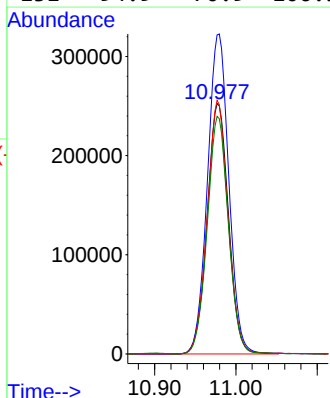
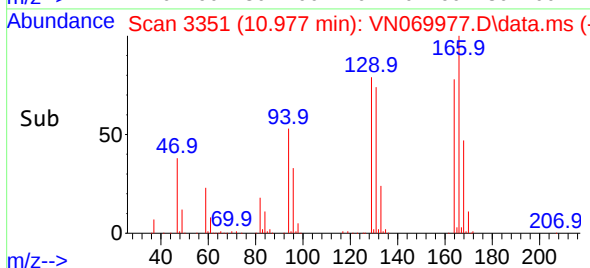


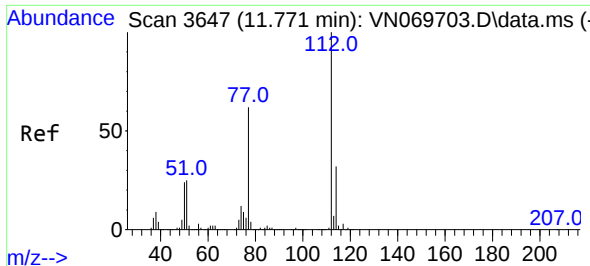
#64
Tetrachloroethene
Concen: 45.757 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion:164 Resp: 462209

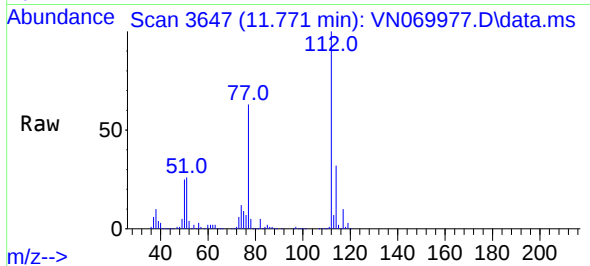
Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.9	152.9
129	101.3	72.0	108.0
131	94.9	70.9	106.3





#65
Chlorobenzene
Concen: 49.617 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

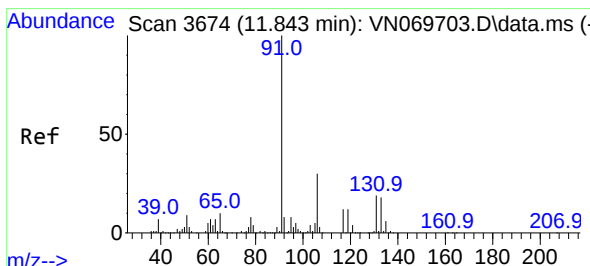
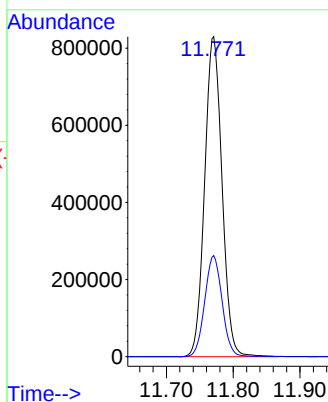
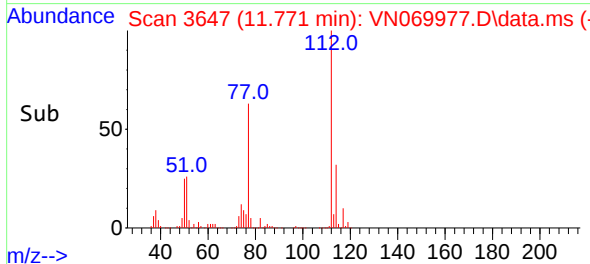
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



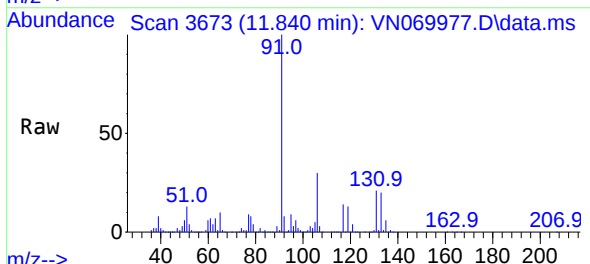
Tgt Ion:112 Resp: 1499510
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

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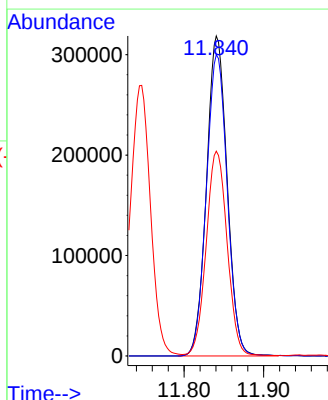
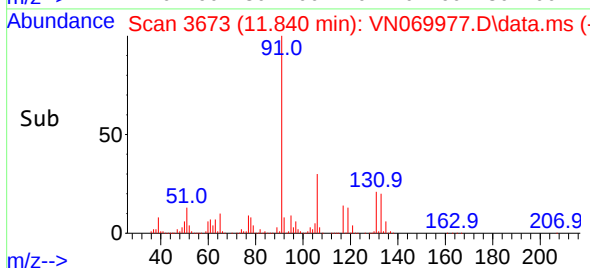
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

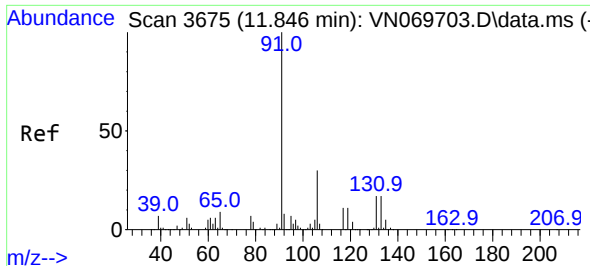


#66
1,1,1,2-Tetrachloroethane
Concen: 53.937 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



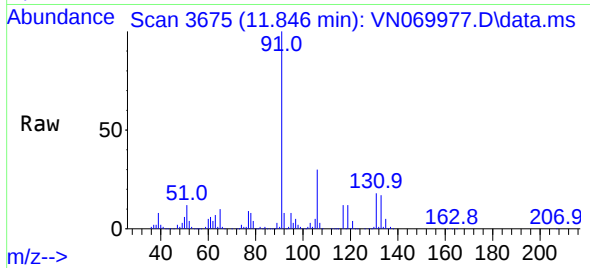
Tgt Ion:131 Resp: 573742
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 51.136 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

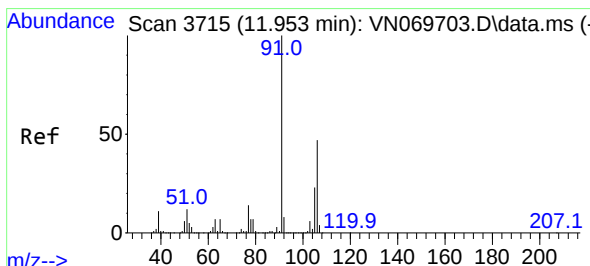
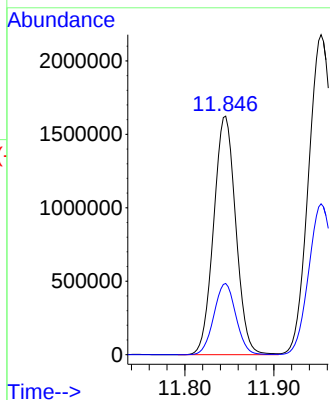
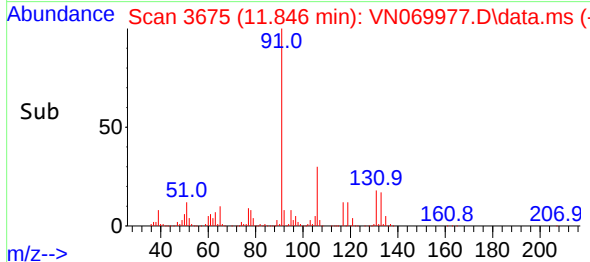
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



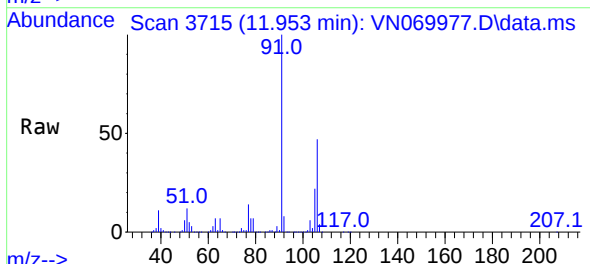
Tgt Ion: 91 Resp: 2807230
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

Manual Integrations
APPROVED

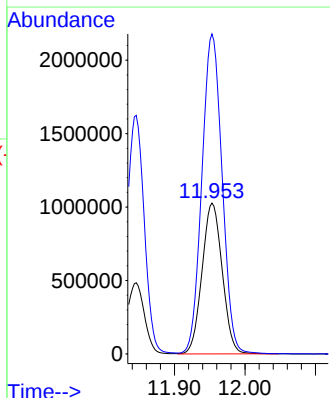
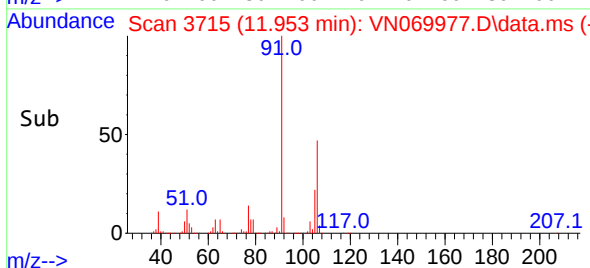
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

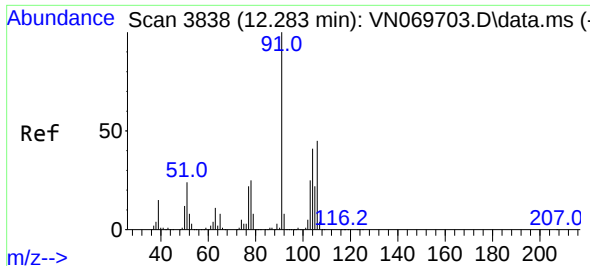


#68
m/p-Xylenes
Concen: 101.912 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



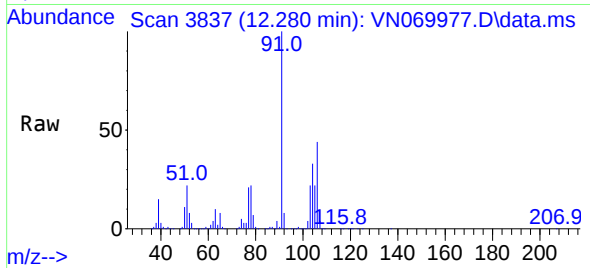
Tgt Ion:106 Resp: 2037072
Ion Ratio Lower Upper
106 100
91 213.1 160.6 240.8





#69
o-Xylene
Concen: 50.512 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

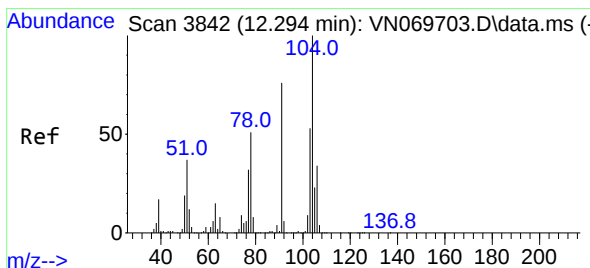
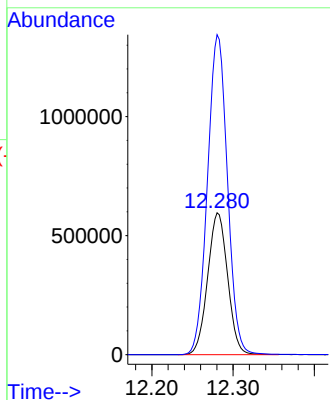
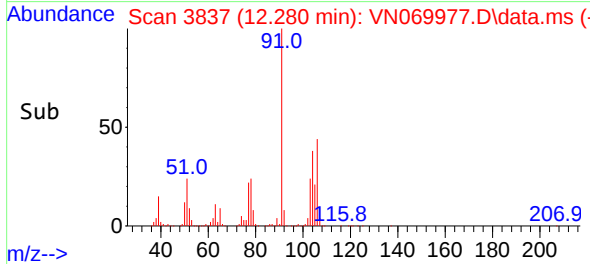
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



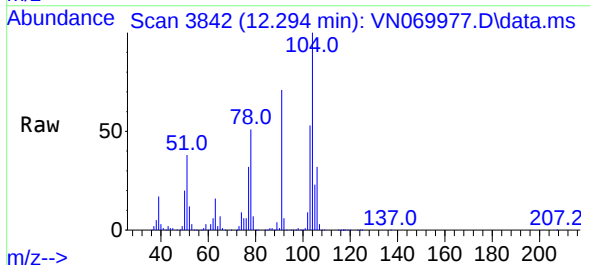
Tgt Ion:106 Resp: 1017000
Ion Ratio Lower Upper
106 100
91 225.5 105.8 317.3

Manual Integrations
APPROVED

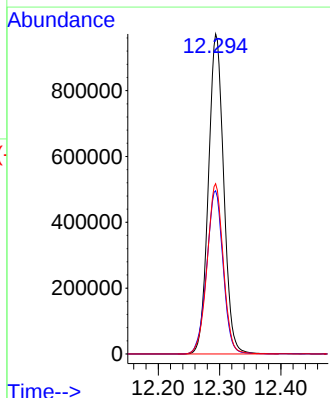
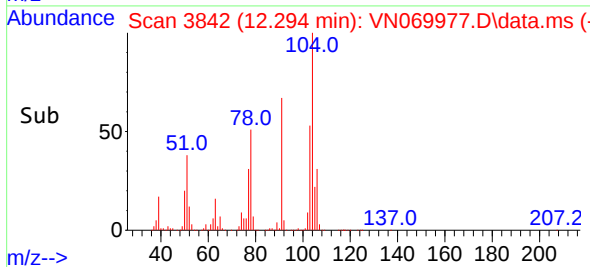
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

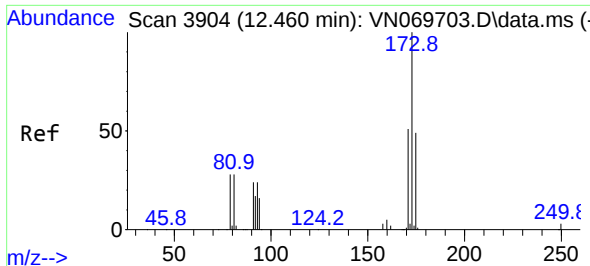


#70
Styrene
Concen: 52.906 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion:104 Resp: 1689081
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 56.2 45.0 67.6





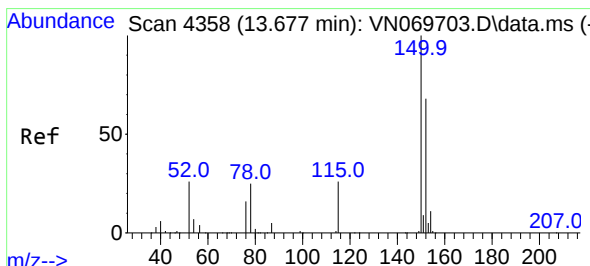
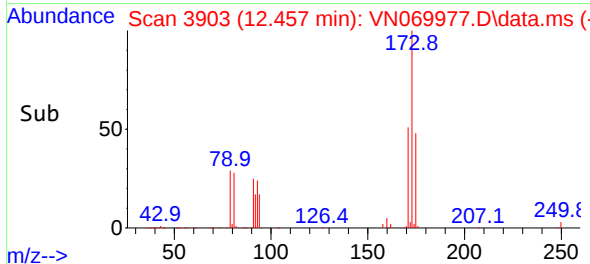
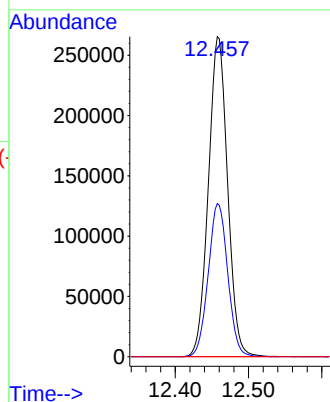
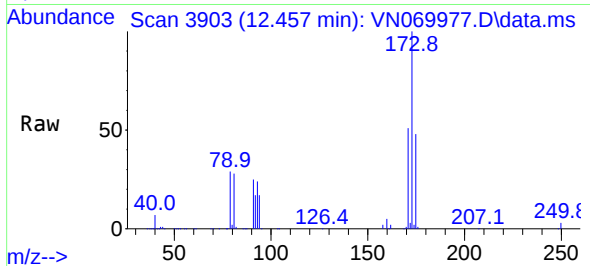
#71
Bromoform
Concen: 52.891 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 482722
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

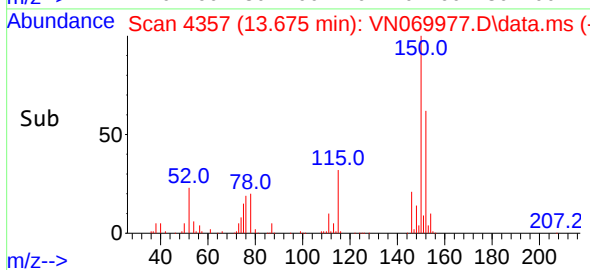
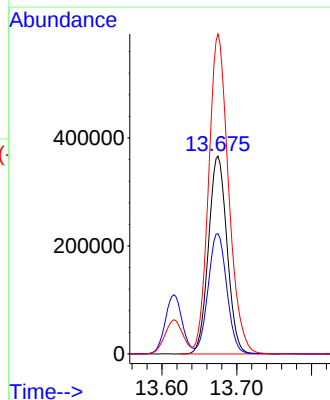
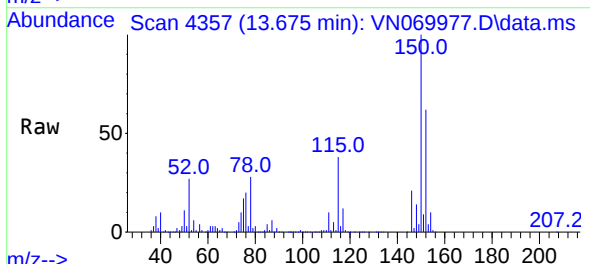
Manual Integrations
APPROVED

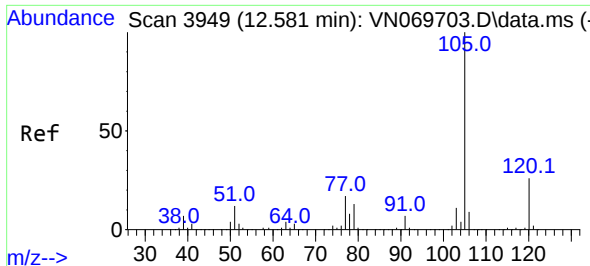
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Tgt Ion:152 Resp: 632958
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 173.5 0.0 344.4





#73
Isopropylbenzene
Concen: 48.016 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

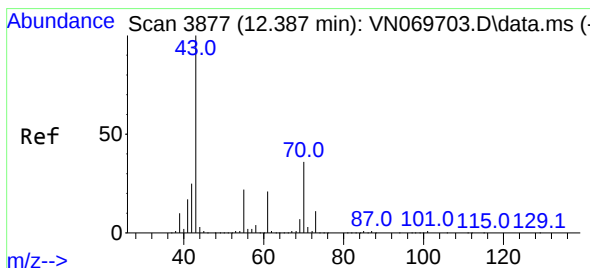
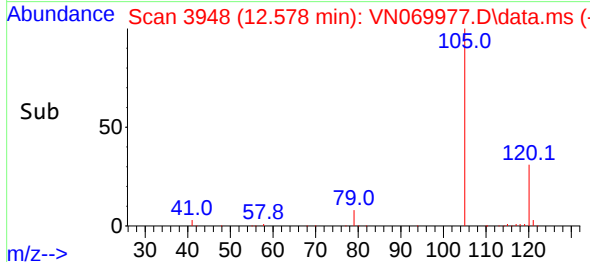
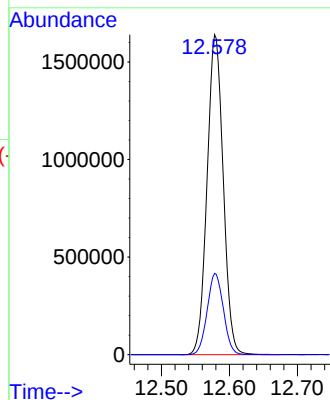
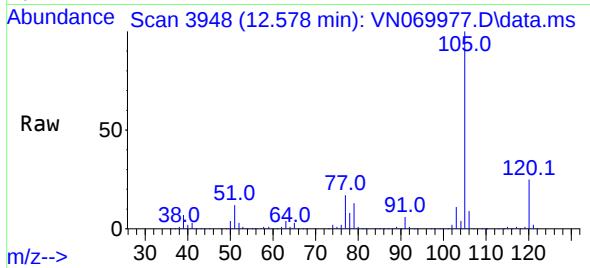
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 270405
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

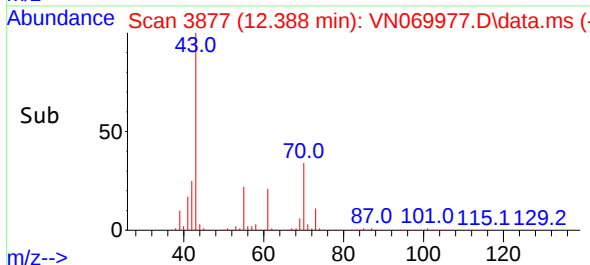
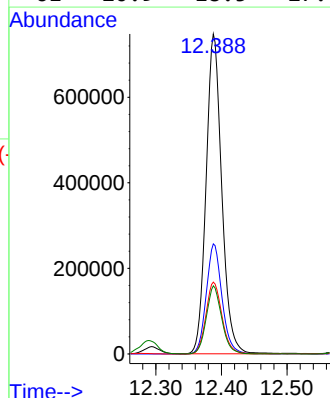
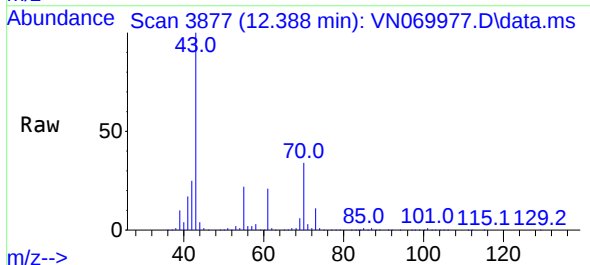
Manual Integrations
APPROVED

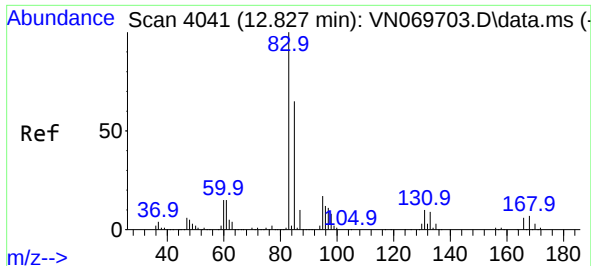
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 49.608 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

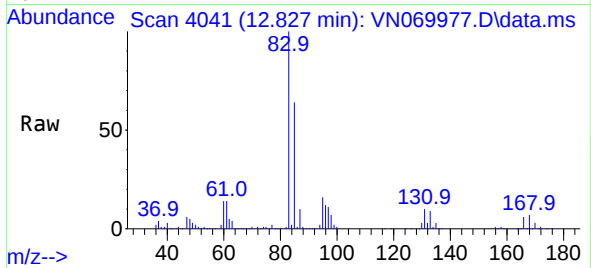
Tgt Ion: 43 Resp: 1235481
Ion Ratio Lower Upper
43 100
70 34.6 33.4 50.0
55 23.2 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.310 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

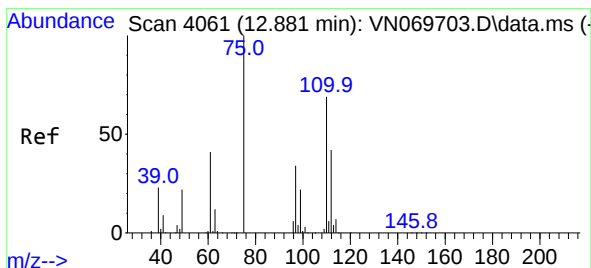
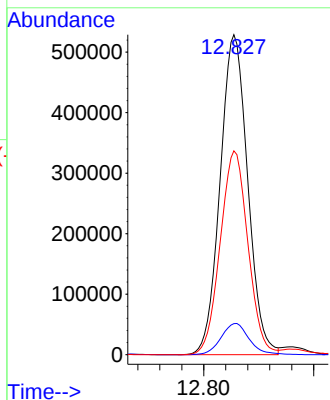
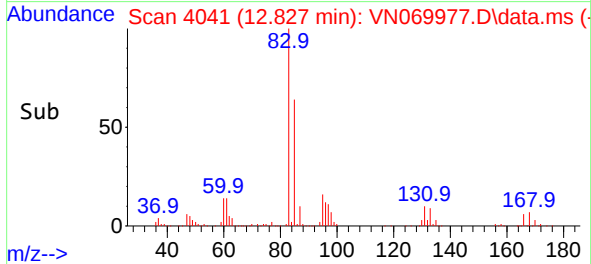
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



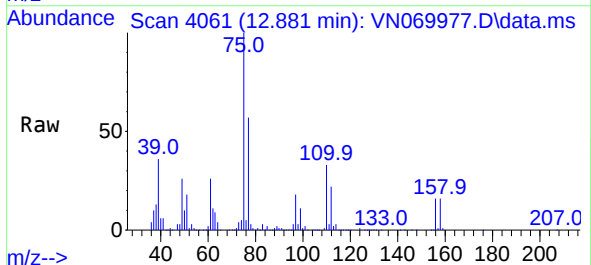
Tgt Ion: 83 Resp: 921320
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

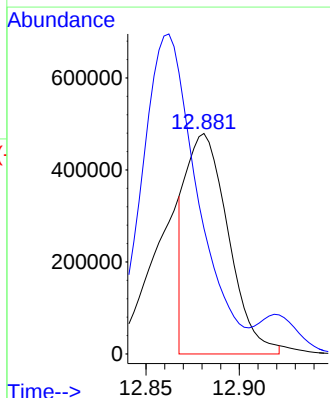
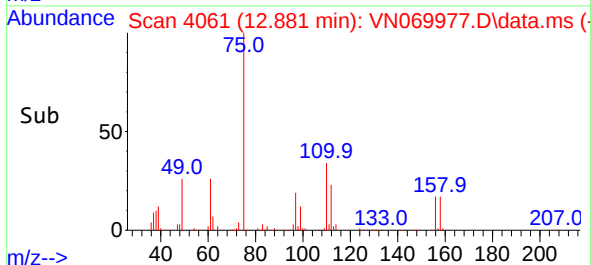
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

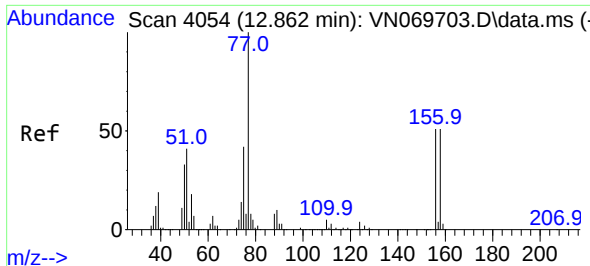


#76
1,2,3-Trichloropropane
Concen: 41.613 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



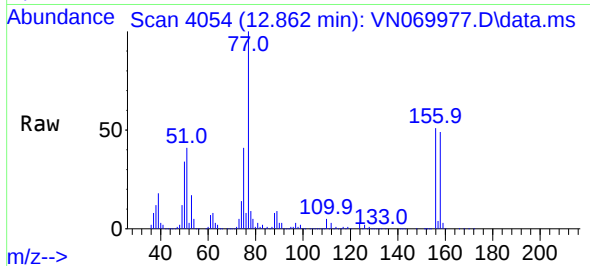
Tgt Ion: 75 Resp: 755347
Ion Ratio Lower Upper
75 100
77 190.6 82.6 247.8





#77
Bromobenzene
Concen: 46.763 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

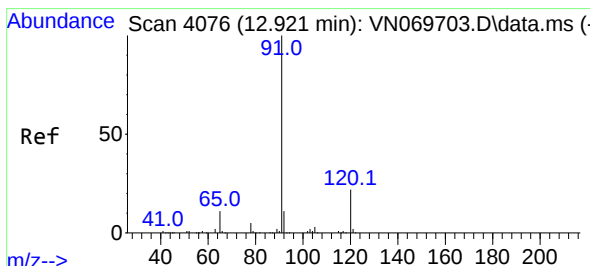
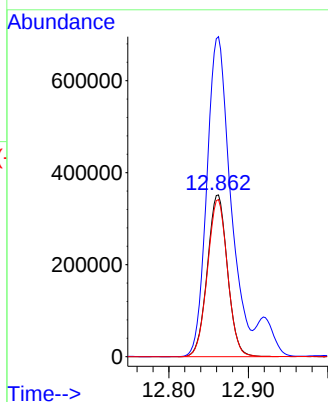
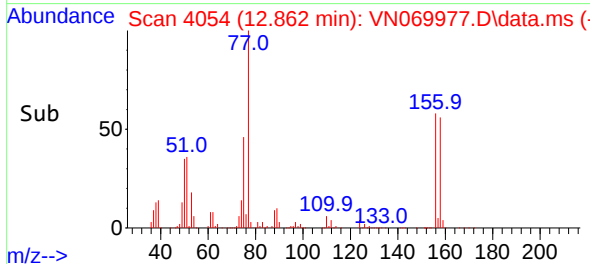
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



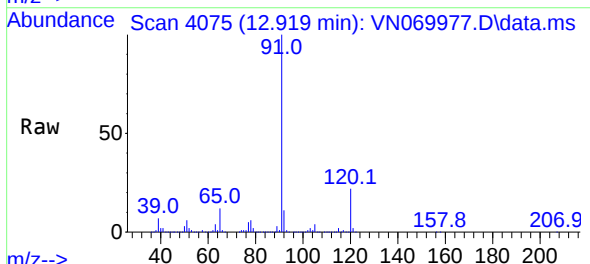
Tgt Ion:156 Resp: 618570
Ion Ratio Lower Upper
156 100
77 232.7 90.6 271.8
158 97.2 48.9 146.7

Manual Integrations
APPROVED

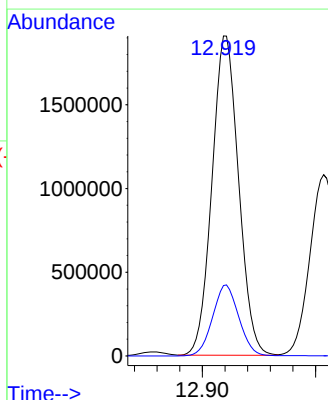
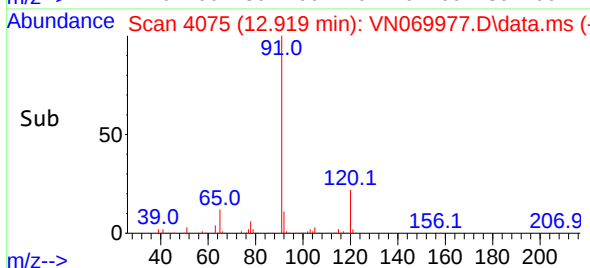
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

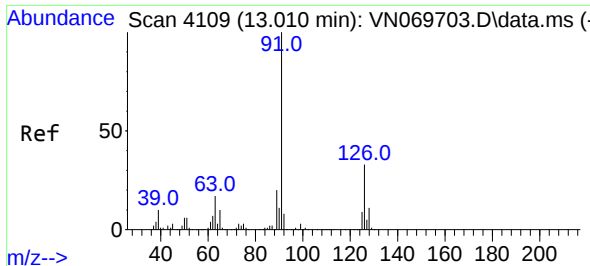


#78
n-propylbenzene
Concen: 49.541 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion: 91 Resp: 3104576
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





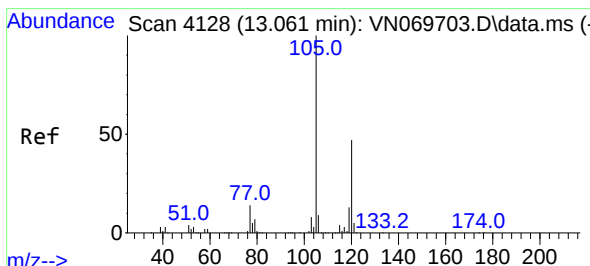
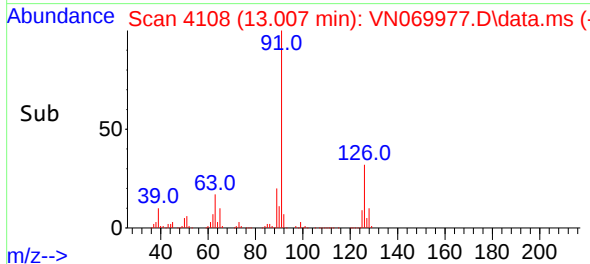
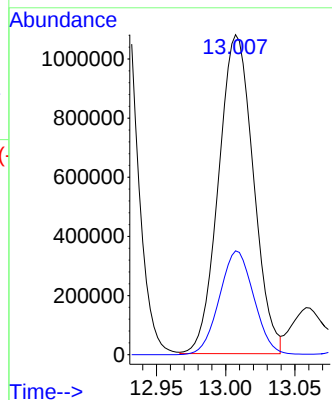
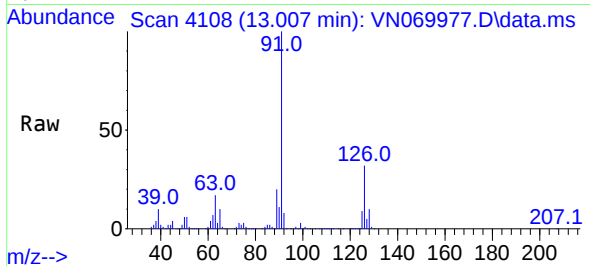
#79
2-Chlorotoluene
Concen: 47.686 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 188822
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

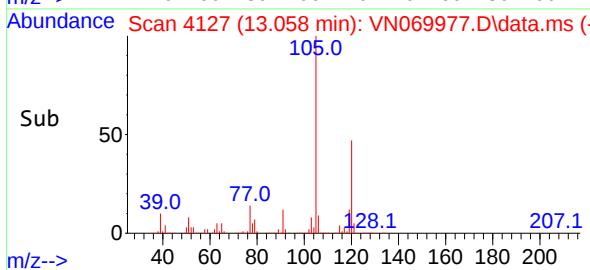
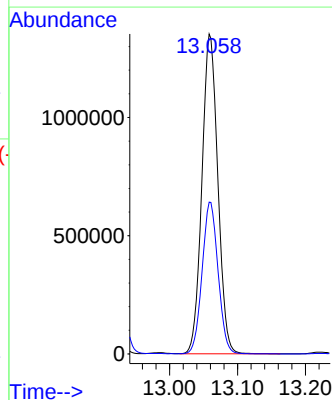
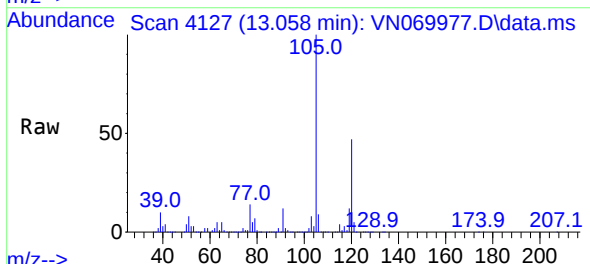
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 48.545 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

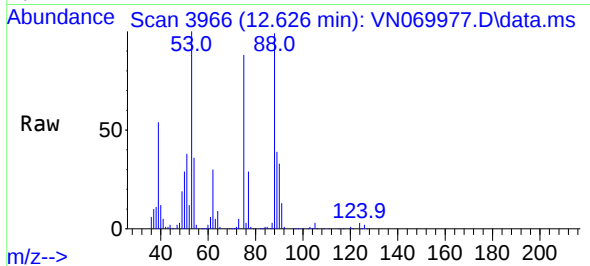
Tgt Ion:105 Resp: 2200423
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.172 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

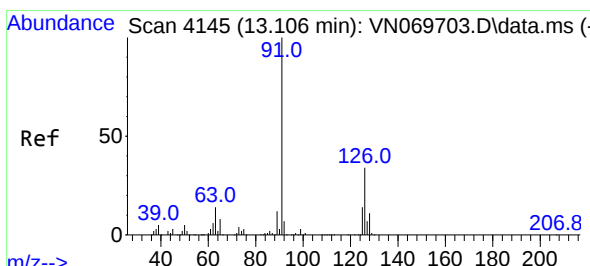
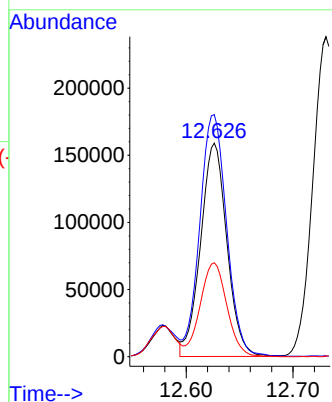
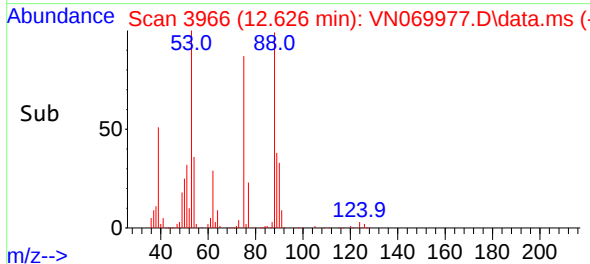
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



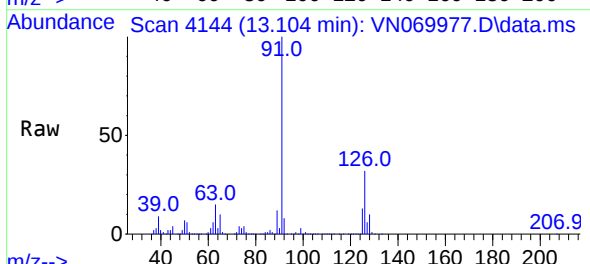
Tgt Ion: 75 Resp: 272307
Ion Ratio Lower Upper
75 100
53 115.7 90.5 135.7
89 44.9 38.2 57.4

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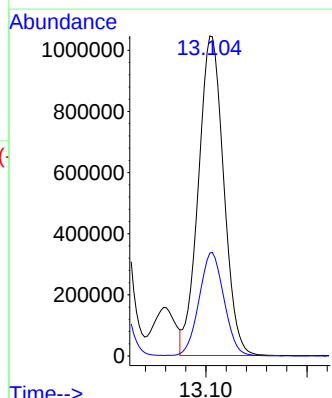
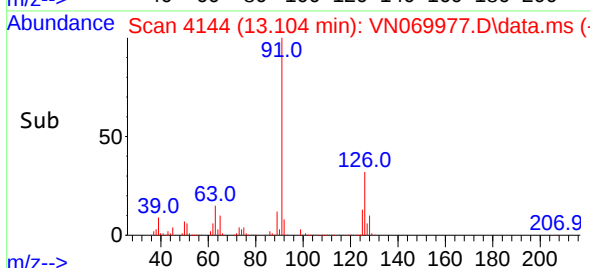
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 48.837 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



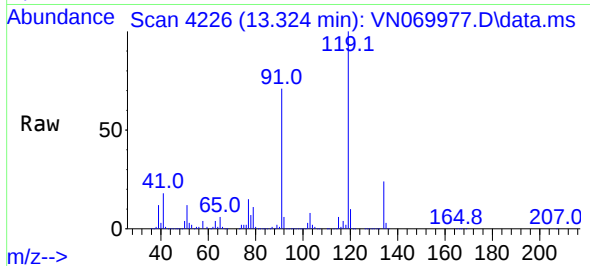
Tgt Ion: 91 Resp: 1818636
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.686 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

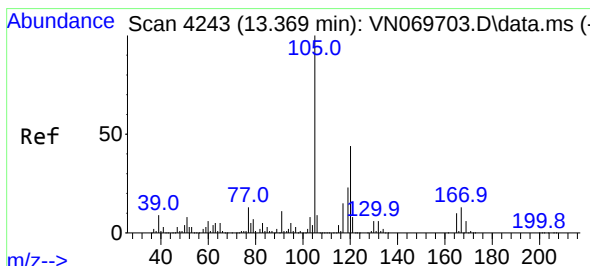
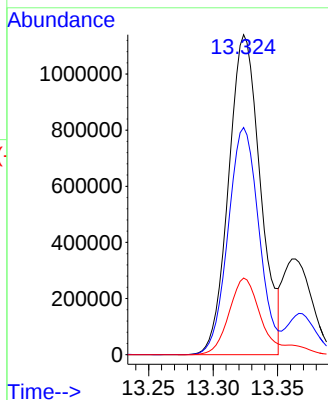
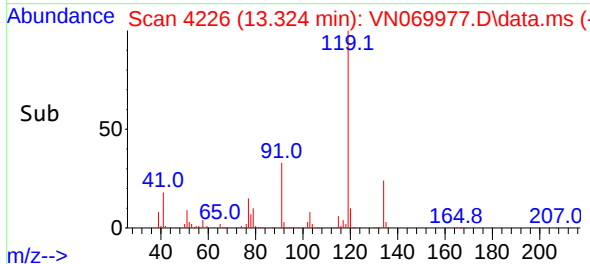
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



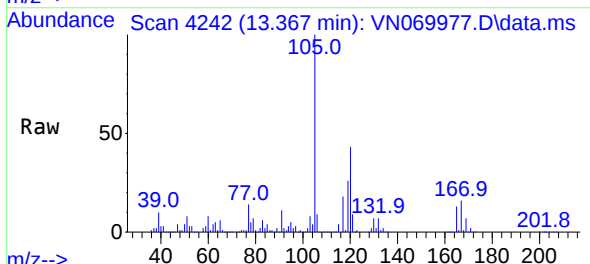
Tgt Ion:119 Resp: 1954074
Ion Ratio Lower Upper
119 100
91 69.6 31.5 94.5
134 25.6 12.4 37.4

Manual Integrations
APPROVED

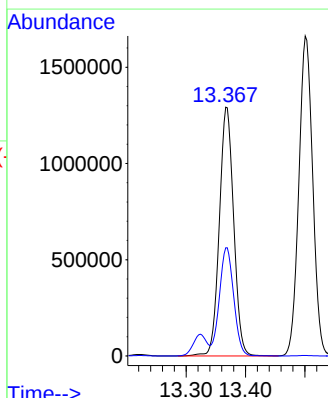
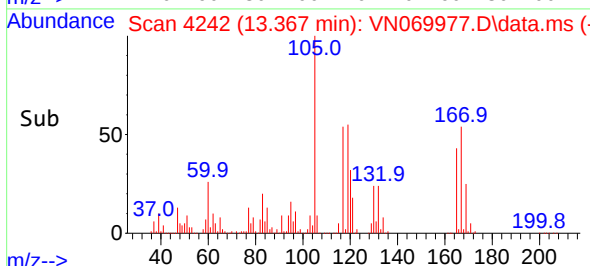
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

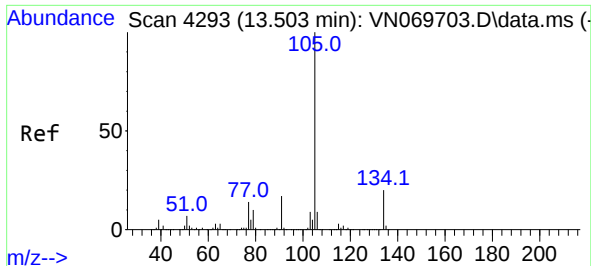


#84
1,2,4-Trimethylbenzene
Concen: 50.307 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion:105 Resp: 2171643
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.472 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069977.D
 Acq: 10 Dec 2021 23:37

Instrument :

MSVOA_N

ClientSampleId :

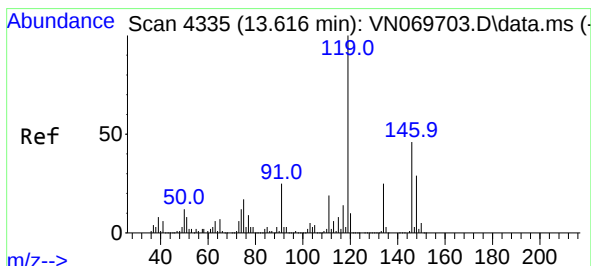
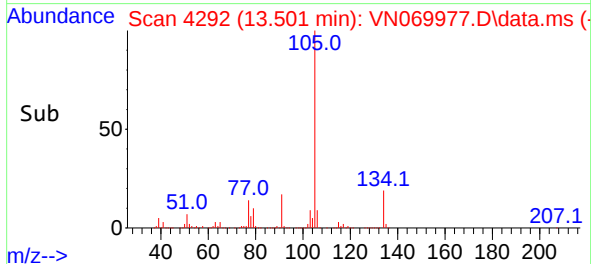
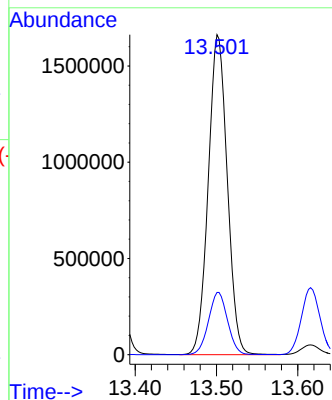
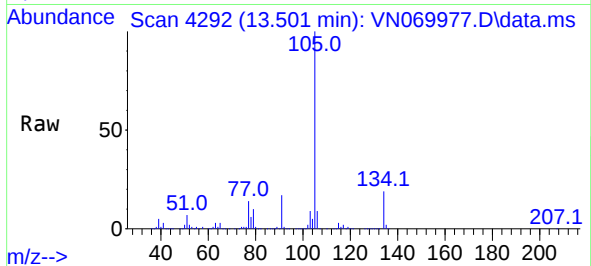
VSTDCCC050

Tgt Ion:105 Resp: 269332
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations

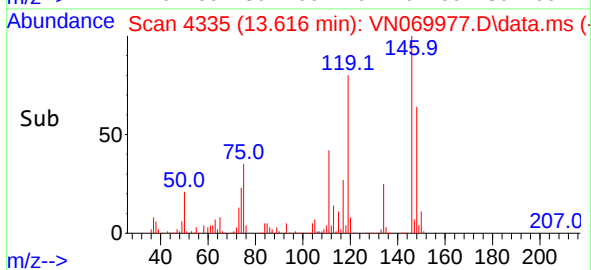
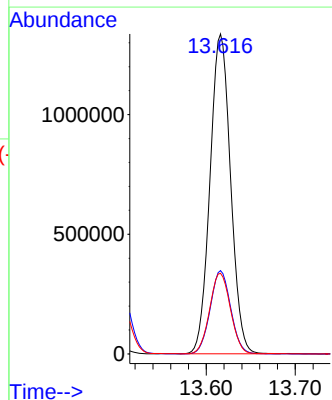
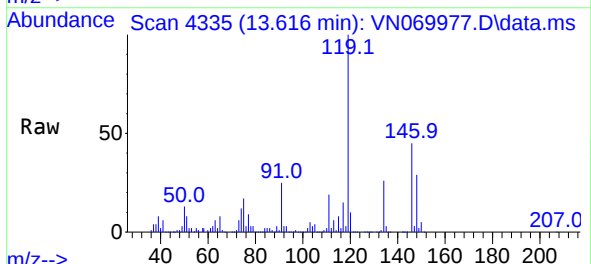
APPROVED

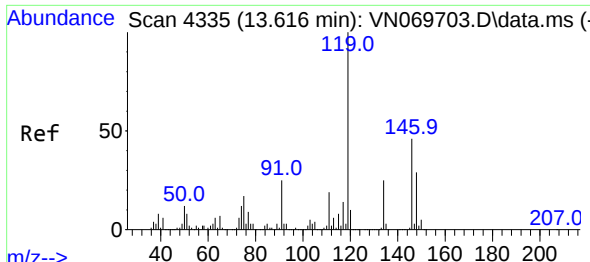
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 50.360 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069977.D
 Acq: 10 Dec 2021 23:37

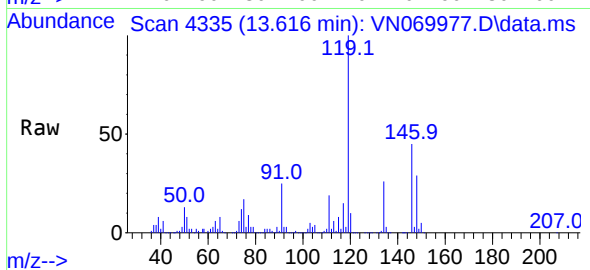
Tgt Ion:119 Resp: 2143016
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.210 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

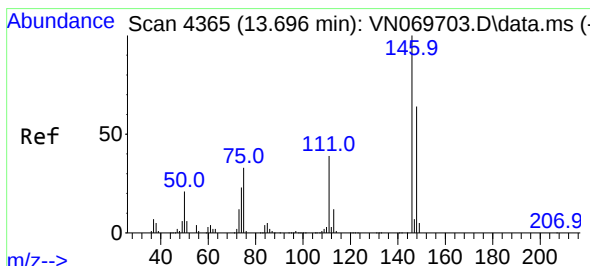
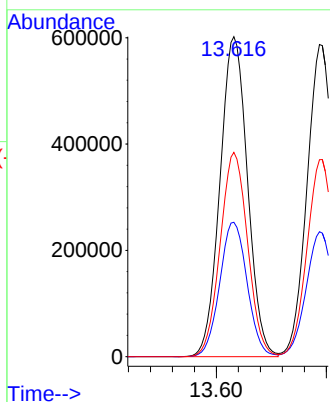
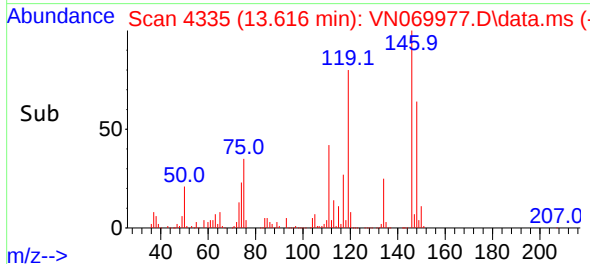
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



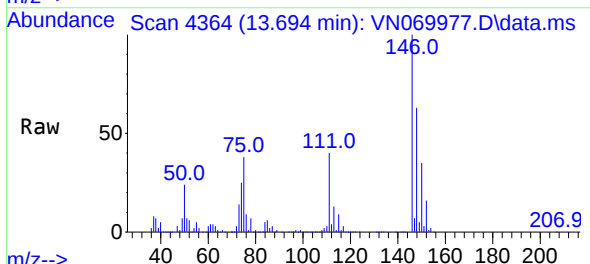
Tgt Ion:146 Resp: 104765
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 63.7 31.6 95.0

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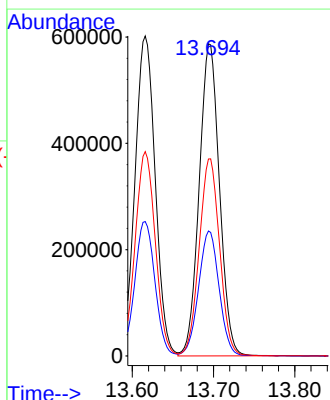
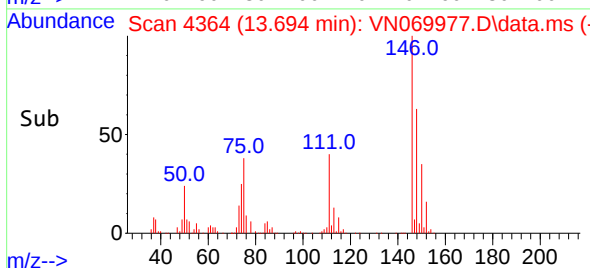
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#88
1,4-Dichlorobenzene
Concen: 47.560 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



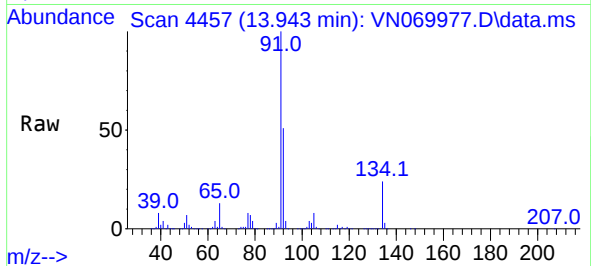
Tgt Ion:146 Resp: 1015682
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 51.035 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

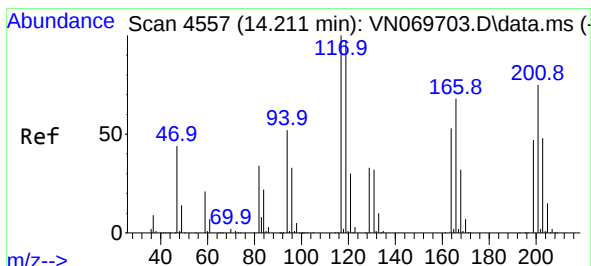
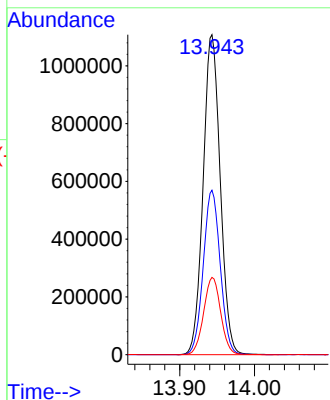
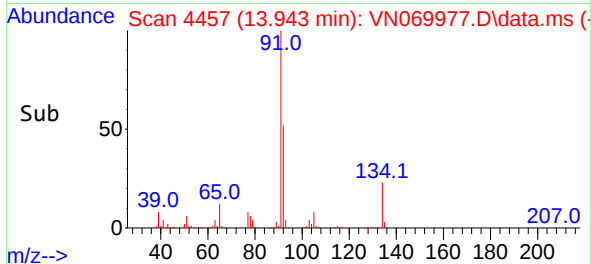
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



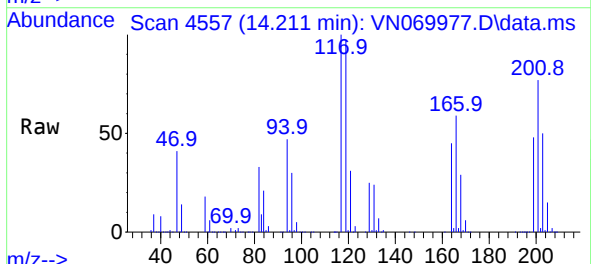
Tgt Ion: 91 Resp: 176170
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.2 13.6 40.8

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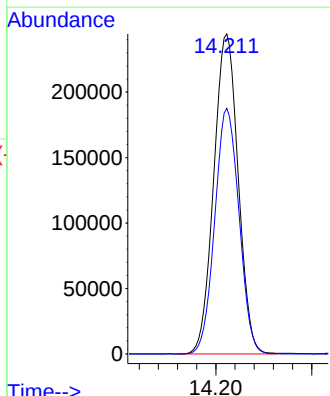
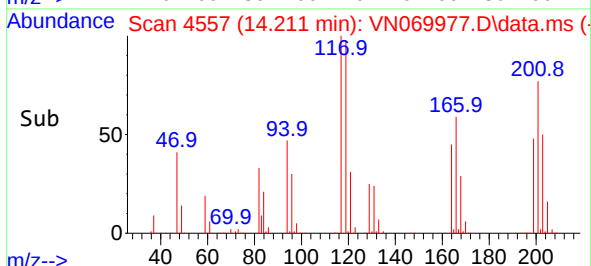
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

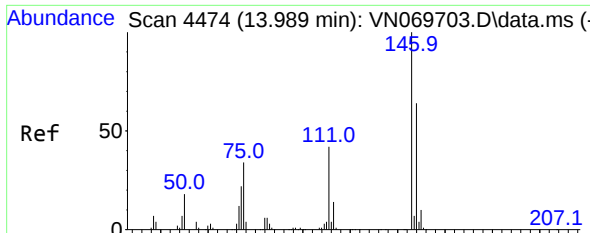


#90
Hexachloroethane
Concen: 57.813 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



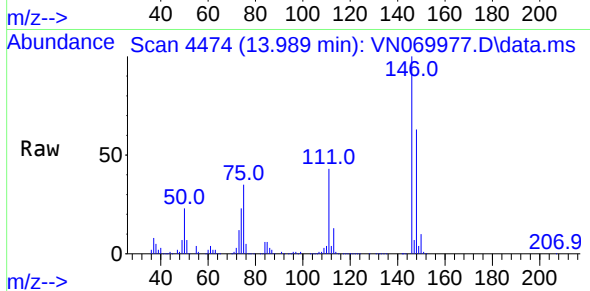
Tgt Ion:117 Resp: 431933
Ion Ratio Lower Upper
117 100
201 76.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.419 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

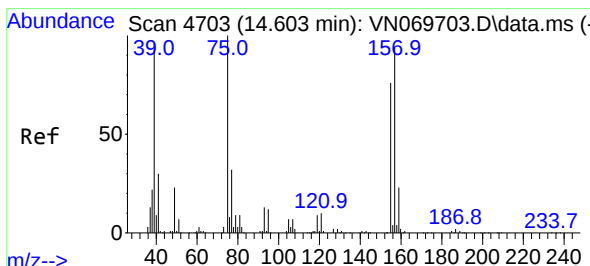
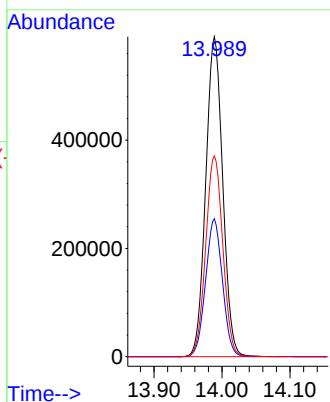
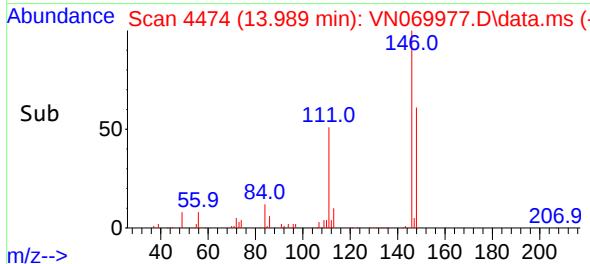
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 102520
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.5 32.1 96.3

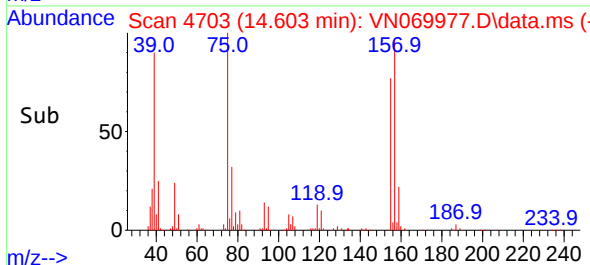
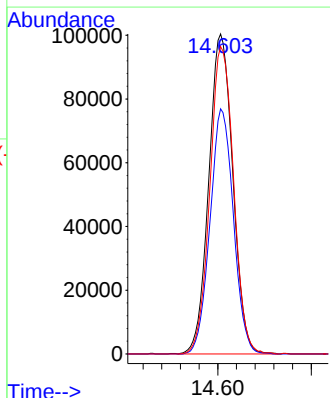
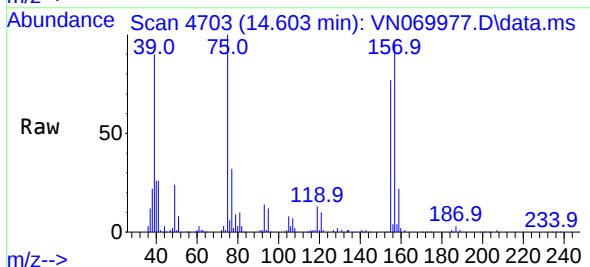
Manual Integrations
APPROVED

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.958 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

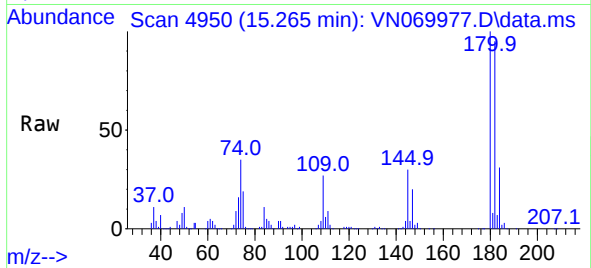
Tgt Ion: 75 Resp: 179318
Ion Ratio Lower Upper
75 100
155 74.8 46.9 140.7
157 94.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 45.179 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

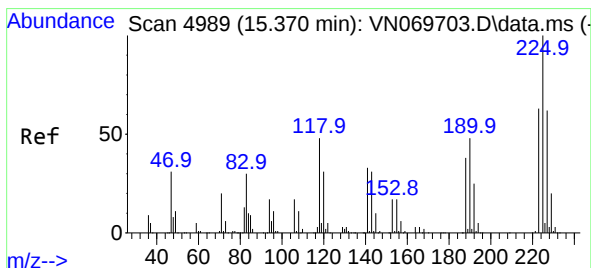
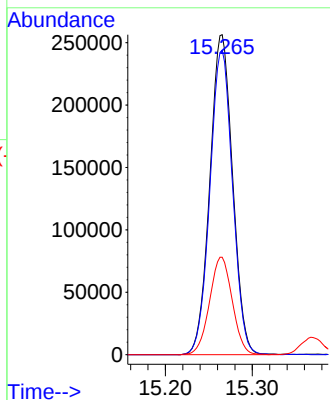
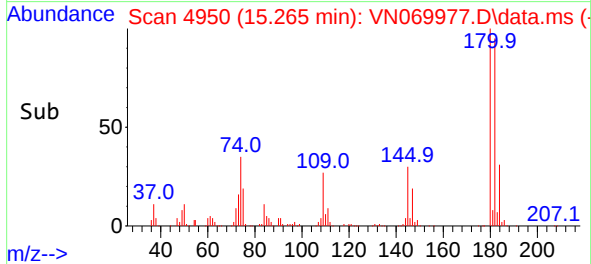
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



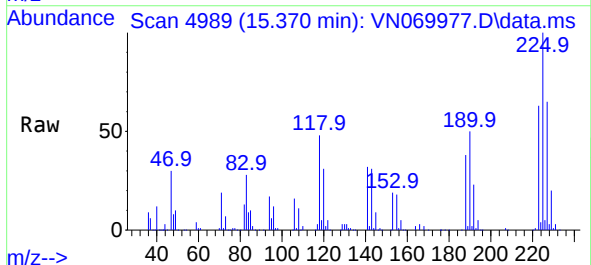
Tgt Ion:180 Resp: 466110
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.5 14.5 43.5

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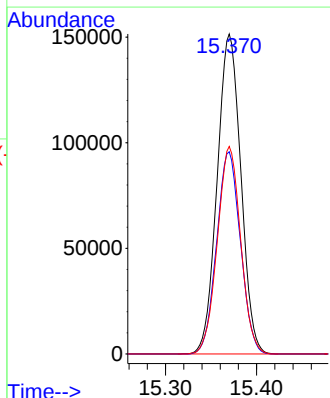
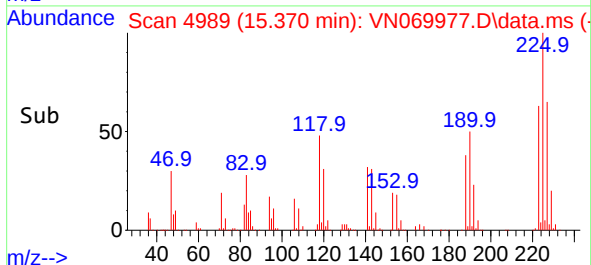
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

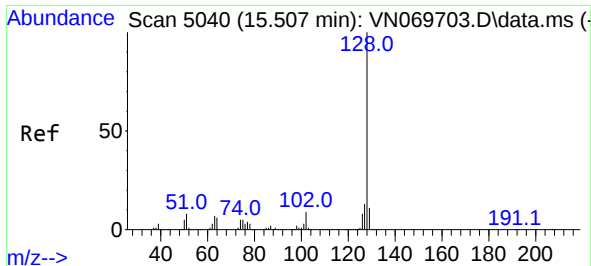


#94
Hexachlorobutadiene
Concen: 48.721 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37



Tgt Ion:225 Resp: 273395
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 63.9 32.1 96.3





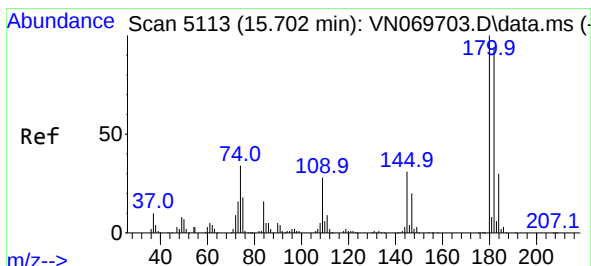
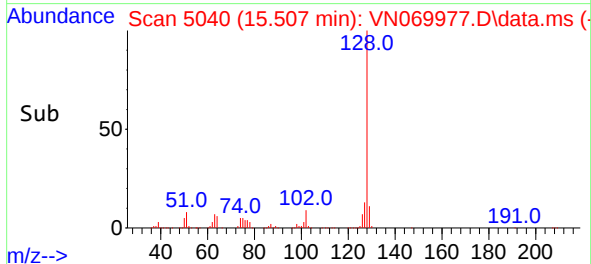
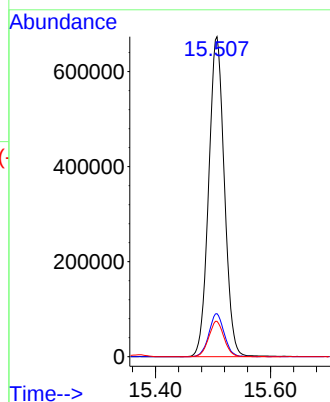
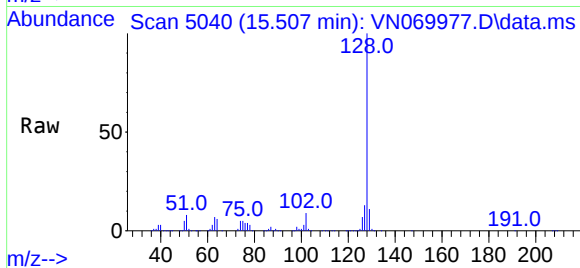
#95
Naphthalene
Concen: 41.885 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1273880
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 45.123 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069977.D
Acq: 10 Dec 2021 23:37

Tgt Ion:180 Resp: 454157
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 33.4 15.0 45.1

