

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073517.D
 Acq On : 19 Jul 2022 15:39
 Operator : JC\MD
 Sample : N3765-08 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-04-84

Quant Time: Jul 20 06:25:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	249756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	425343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.692	117	405810	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.616	152	216552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	167445	46.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.880%
35) Dibromofluoromethane	7.951	113	142419	50.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.660%
50) Toluene-d8	10.386	98	479358	47.694	ug/l	0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.674	95	204683	52.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.980%

Target Compounds					Qvalue	
3) Chloromethane	2.269	50	903	0.255	ug/l	96
6) Chloroethane	2.975	64	365	0.206	ug/l #	42
10) Methyl Iodide	4.334	142	84	3.755	ug/l #	44
11) Tert butyl alcohol	5.269	59	468	0.536	ug/l #	72
12) 1,1-Dichloroethene	4.104	96	702	0.239	ug/l	95
16) Acetone	4.240	43	1948	0.963	ug/l #	81
20) Methylene Chloride	5.028	84	1514	0.426	ug/l #	76
24) 1,1-Dichloroethane	6.304	63	1861	0.311	ug/l #	82
25) 2-Butanone	7.239	43	1899	0.589	ug/l #	45
27) cis-1,2-Dichloroethene	7.245	96	1741	0.468	ug/l	74
28) Bromochloromethane	7.745	49	33120	13.222	ug/l #	8
30) Chloroform	7.745	83	400607	66.501	ug/l	96
31) Cyclohexane	8.016	56	7077	1.198	ug/l #	47
32) 1,1,1-Trichloroethane	7.939	97	421540	78.522	ug/l	100
36) 1,1-Dichloropropene	8.016	75	21835	5.015	ug/l #	49
38) Carbon Tetrachloride	8.134	117	99315	22.056	ug/l	98
39) Methylcyclohexane	9.404	83	2028	0.374	ug/l	94
44) Trichloroethene	9.151	130	312228	91.302	ug/l	82
45) 1,2-Dichloropropane	9.422	63	2826	0.825	ug/l #	82
47) Bromodichloromethane	9.692	83	1264	0.281	ug/l #	61
52) Toluene	10.451	92	17846	2.149	ug/l	95
55) 1,1,2-Trichloroethane	10.986	97	1023215	299.280	ug/l #	4
59) 2-Hexanone	10.992	43	21032	4.601	ug/l #	21
60) Dibromochloromethane	10.922	129	2735150	839.085	ug/l #	11
64) Tetrachloroethene	10.927	164	43268255	13057.242	ug/l #	83
65) Chlorobenzene	11.722	112	2611	0.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.786	131	17920	5.308	ug/l	97
67) Ethyl Benzene	11.792	91	8109	0.487	ug/l	90
68) m/p-Xylenes	11.892	106	5355	0.852	ug/l	97
69) o-Xylene	12.222	106	56952	8.872	ug/l	94
70) Styrene	12.222	104	3472	0.350	ug/l #	1
73) Isopropylbenzene	12.522	105	11507	0.615	ug/l	97
74) N-amyl acetate	12.304	43	6366	0.680	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.769	83	2241	0.361	ug/l	89
76) 1,2,3-Trichloropropane	12.674	75	109745	19.381	ug/l #	1
78) n-propylbenzene	12.863	91	28970	1.395	ug/l	94

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

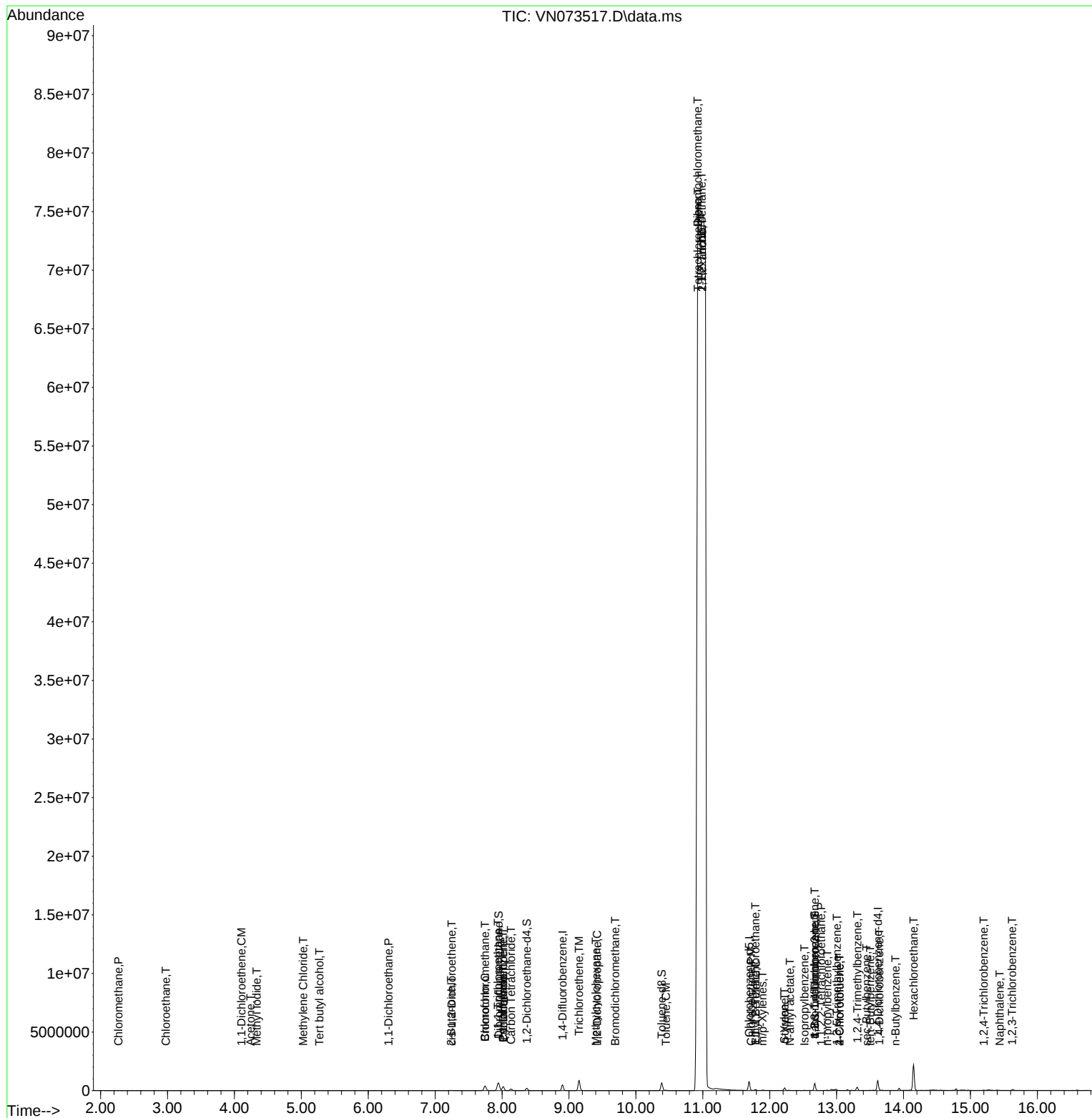
79) 2-Chlorotoluene	13.045	91	2751	0.209	ug/l	93
80) 1,3,5-Trimethylbenzene	13.004	105	18178	1.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.674	75	109745	53.153	ug/l #	11
82) 4-Chlorotoluene	13.045	91	2751	0.216	ug/l	93
83) tert-Butylbenzene	13.504	119	2777	0.203	ug/l	73
84) 1,2,4-Trimethylbenzene	13.310	105	103461	6.799	ug/l	98
85) sec-Butylbenzene	13.445	105	3841	0.209	ug/l	88
88) 1,4-Dichlorobenzene	13.639	146	1882	0.241	ug/l #	29
89) n-Butylbenzene	13.880	91	4968	0.402	ug/l	88
90) Hexachloroethane	14.151	117	475464	172.122	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	6618	1.600	ug/l #	90
95) Naphthalene	15.439	128	13767	0.825	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.621	180	2447	0.573	ug/l #	79

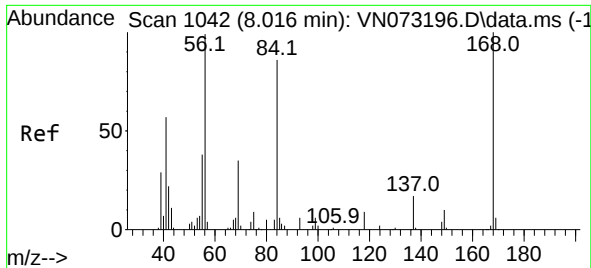
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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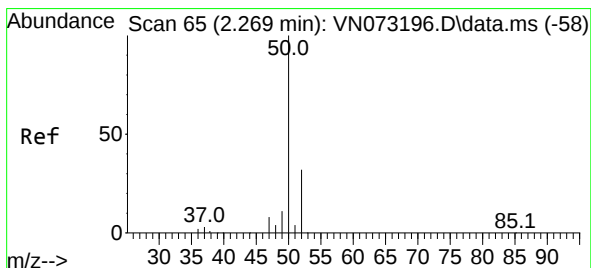
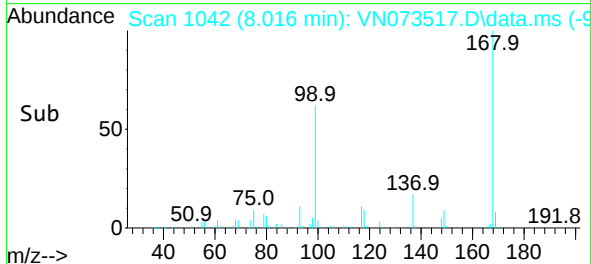
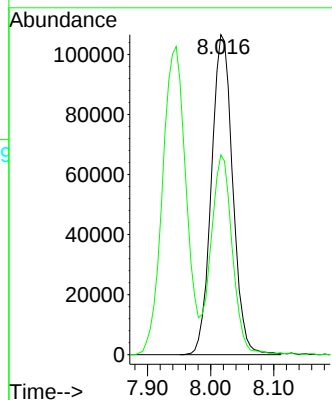
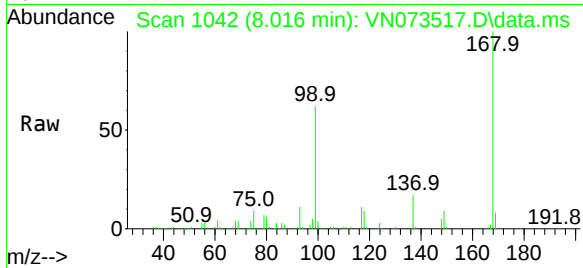




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

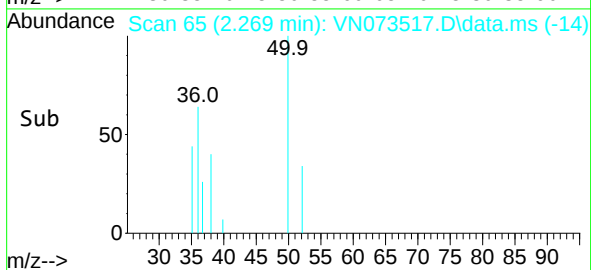
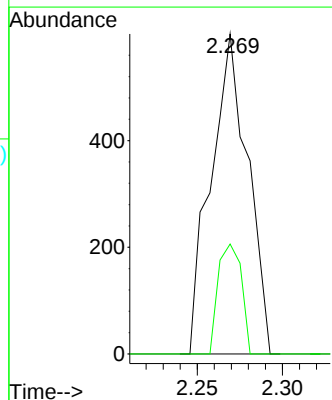
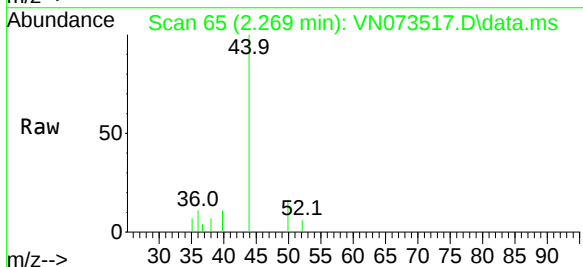
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MSVOA_N
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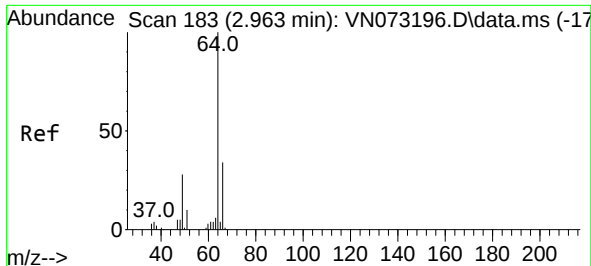
Tgt Ion:168 Resp: 249756
Ion Ratio Lower Upper
168 100
99 61.7 42.3 63.5



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 50 Resp: 903
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5

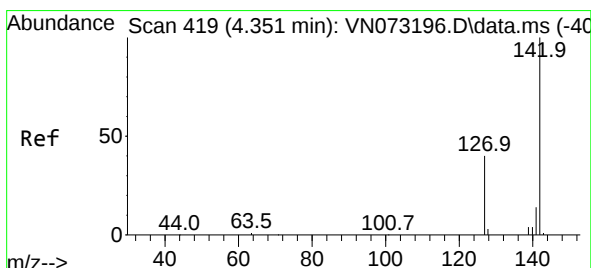
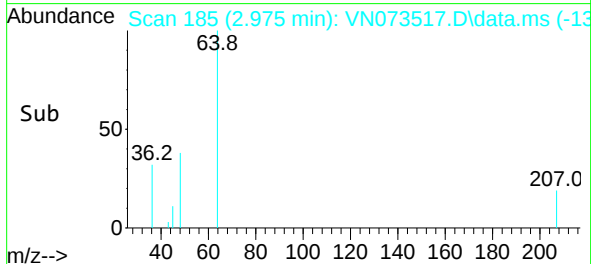
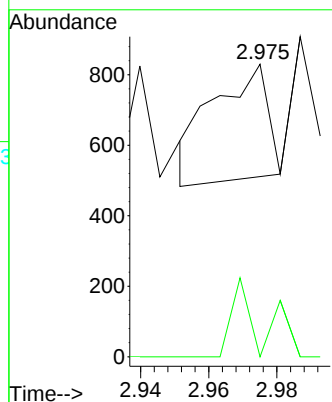
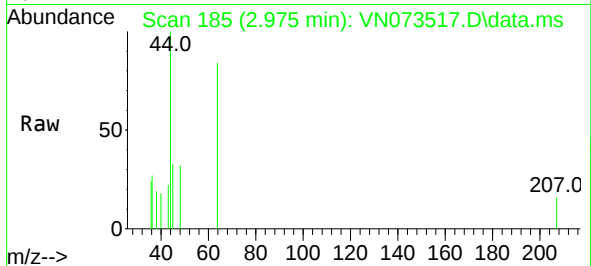




#6
Chloroethane
Concen: 0.206 ug/l
RT: 2.975 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

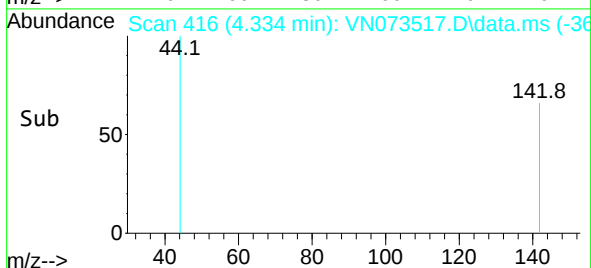
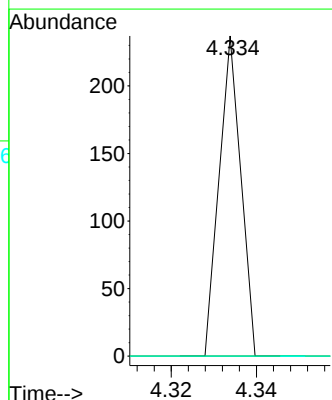
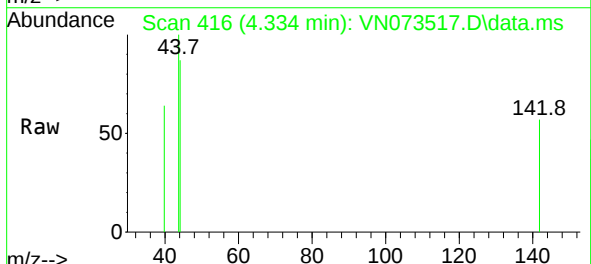
Instrument :
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ClientSampleId :
SPC-04-84

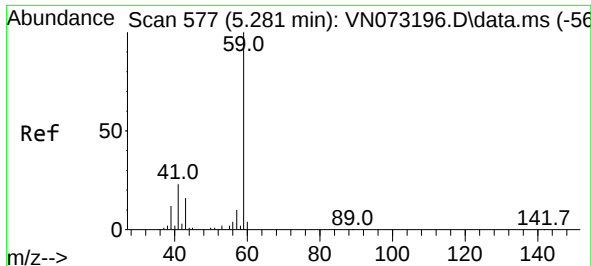
Tgt Ion: 64 Resp: 365
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 3.755 ug/l
RT: 4.334 min Scan# 416
Delta R.T. -0.017 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 142 Resp: 84
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

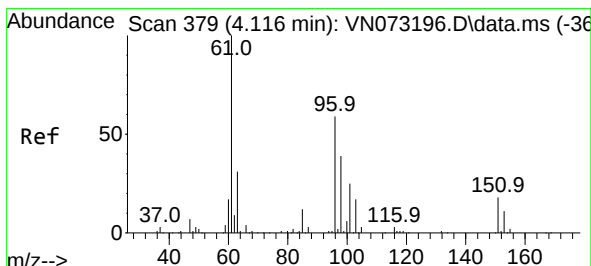
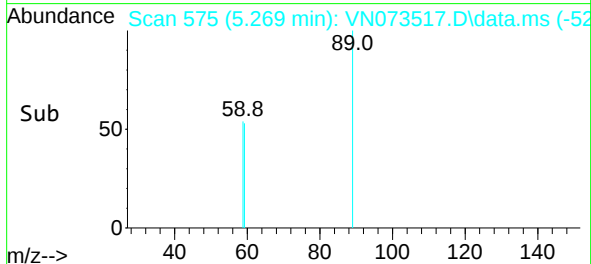
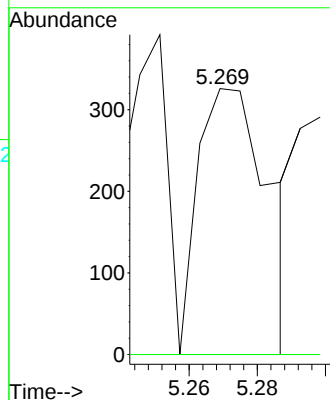
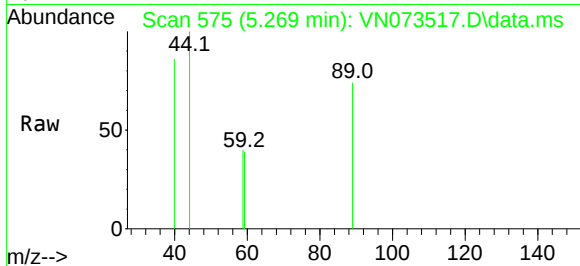




#11
Tert butyl alcohol
Concen: 0.536 ug/l
RT: 5.269 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

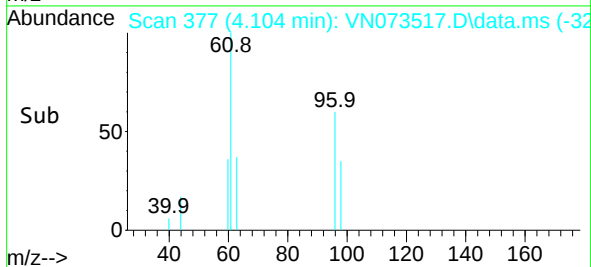
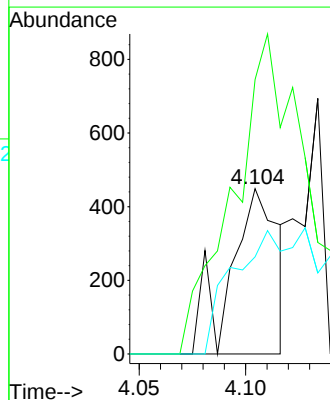
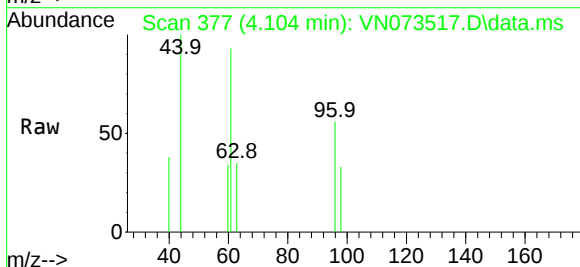
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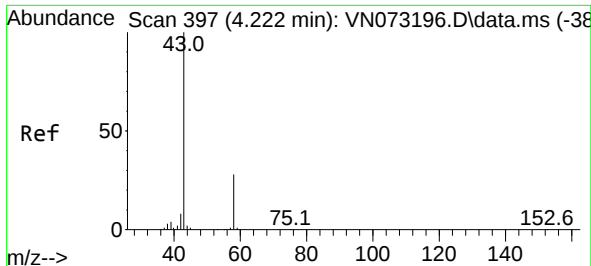
Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.239 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 96 Resp: 702
Ion Ratio Lower Upper
96 100
61 165.9 127.6 191.4
98 58.8 51.2 76.8

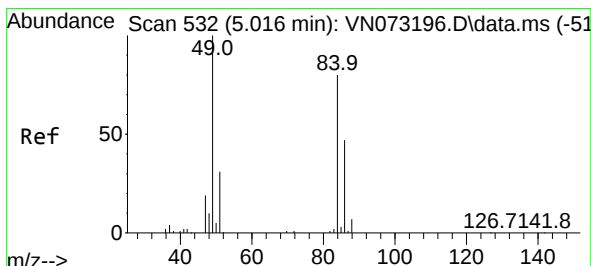
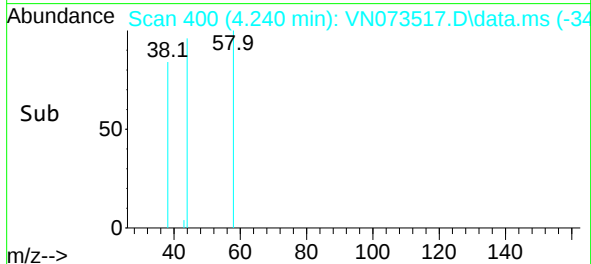
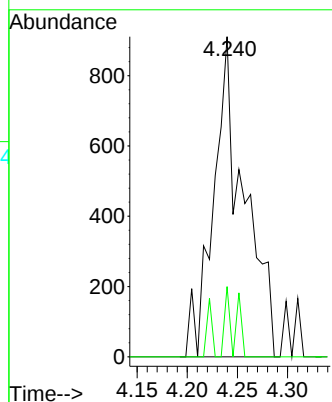
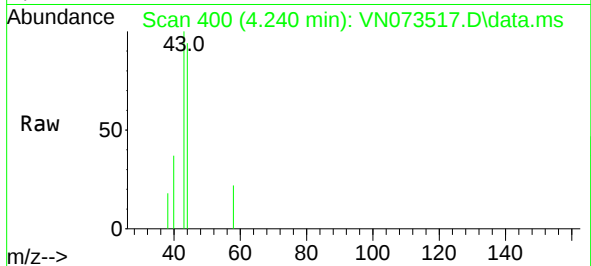




#16
Acetone
Concen: 0.963 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

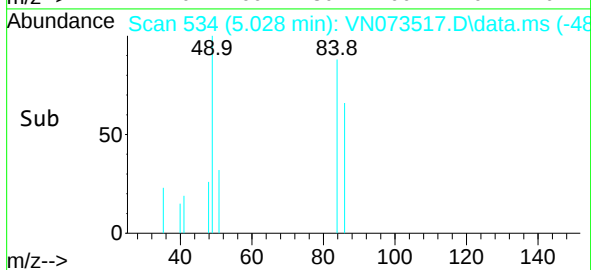
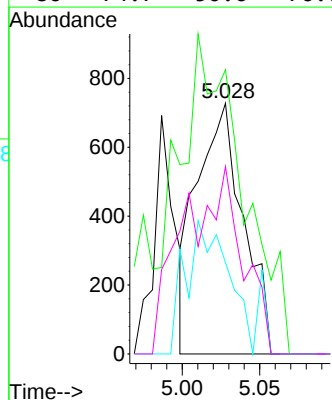
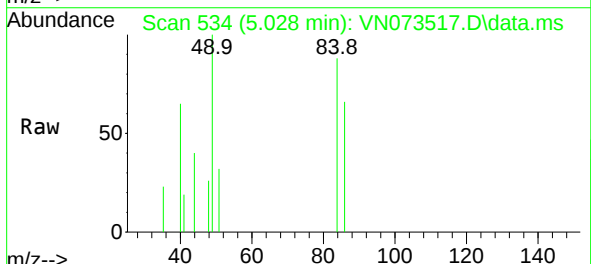
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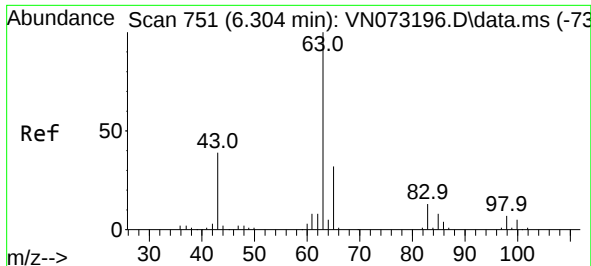
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 22.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 5.028 min Scan# 534
Delta R.T. 0.012 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 84 Resp: 1514
Ion Ratio Lower Upper
84 100
49 72.5 88.3 132.5#
51 36.4 28.2 42.2
86 74.7 50.6 76.0

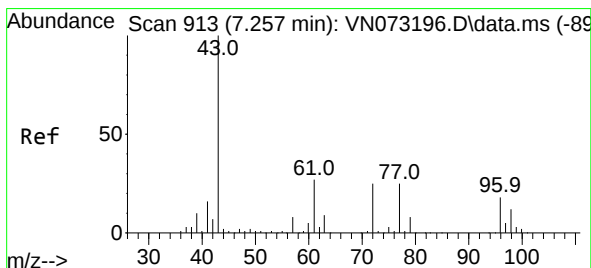
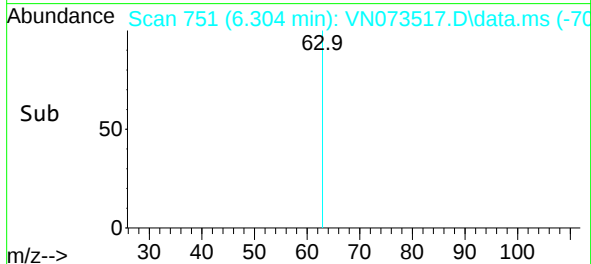
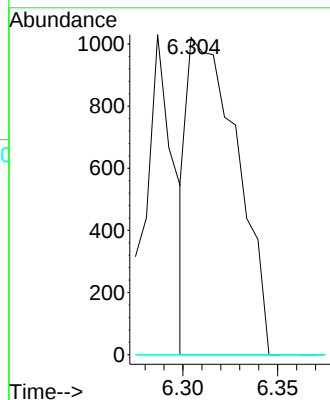
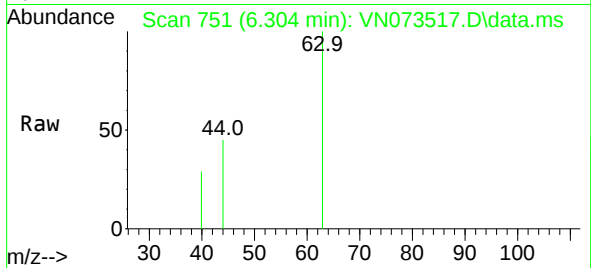




#24
1,1-Dichloroethane
Concen: 0.311 ug/l
RT: 6.304 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN073517.D
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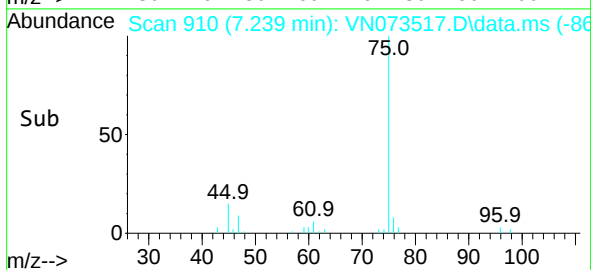
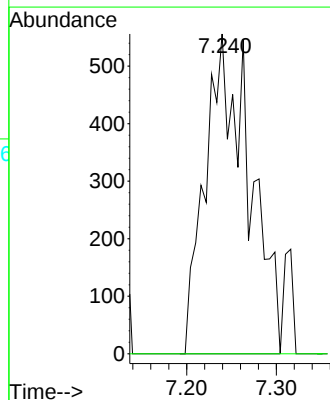
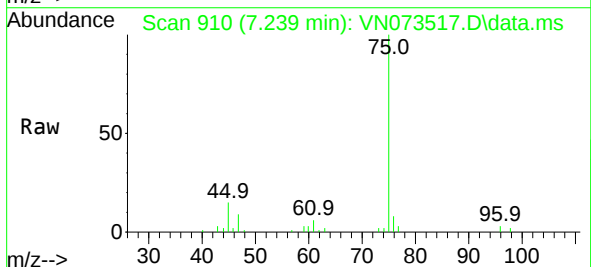
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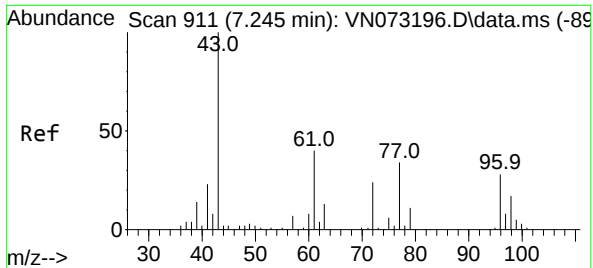
Tgt Ion: 63 Resp: 1861
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#



#25
2-Butanone
Concen: 0.589 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.018 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 43 Resp: 1899
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

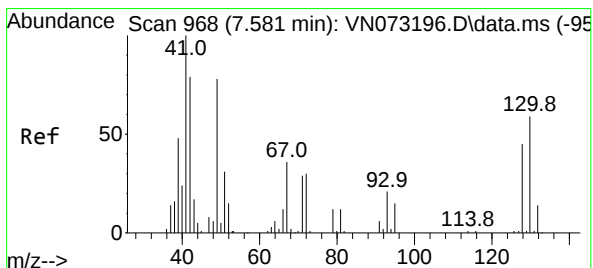
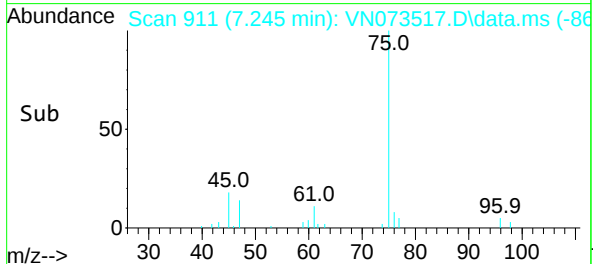
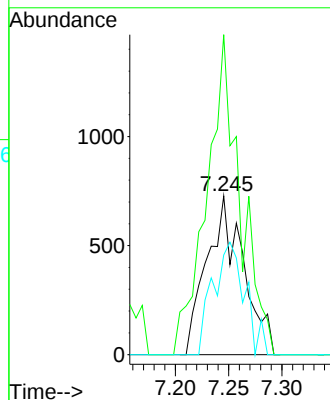
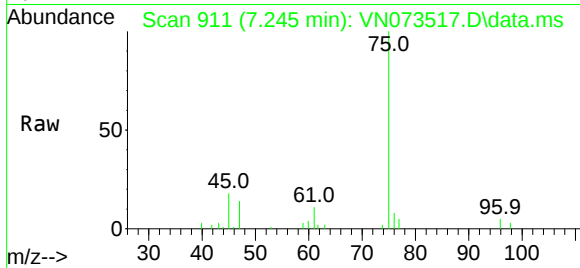




#27
 cis-1,2-Dichloroethene
 Concen: 0.468 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073517.D
 Acq: 19 Jul 2022 15:39

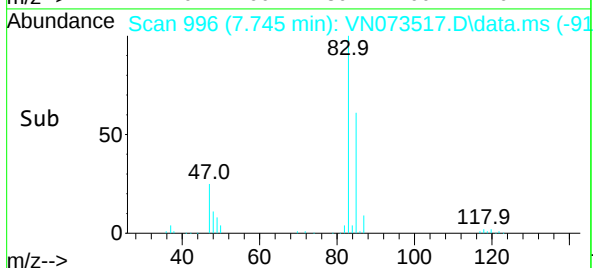
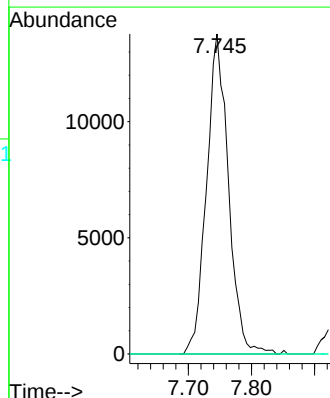
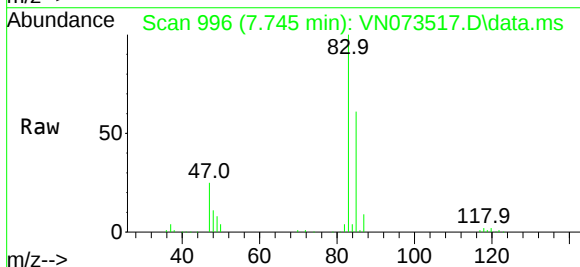
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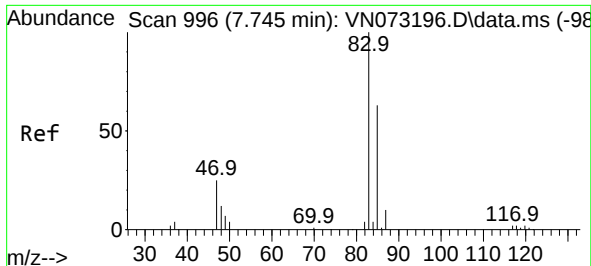
Tgt Ion:	96	Resp:	1741
Ion	Ratio	Lower	Upper
96	100		
61	184.4	0.0	280.6
98	61.2	0.0	128.4



#28
 Bromochloromethane
 Concen: 13.222 ug/l
 RT: 7.745 min Scan# 996
 Delta R.T. 0.164 min
 Lab File: VN073517.D
 Acq: 19 Jul 2022 15:39

Tgt Ion:	49	Resp:	33120
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#

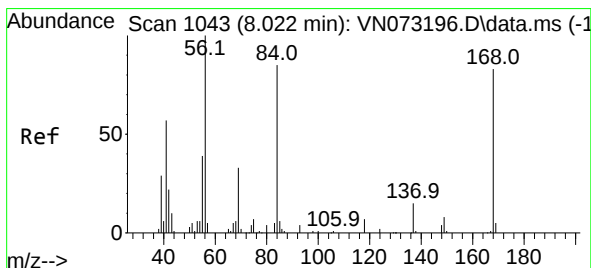
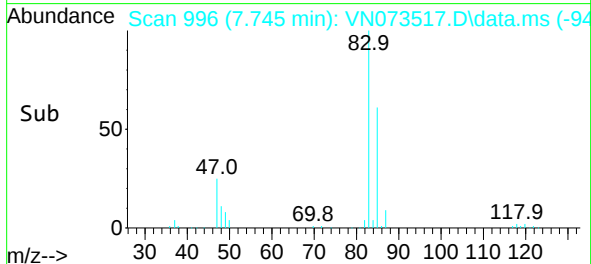
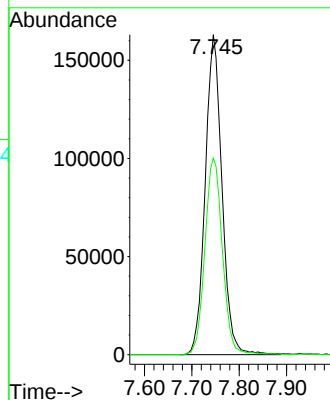
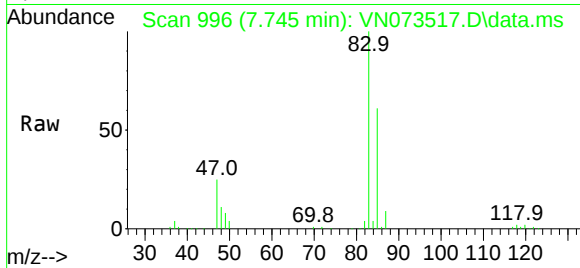




#30
Chloroform
Concen: 66.501 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

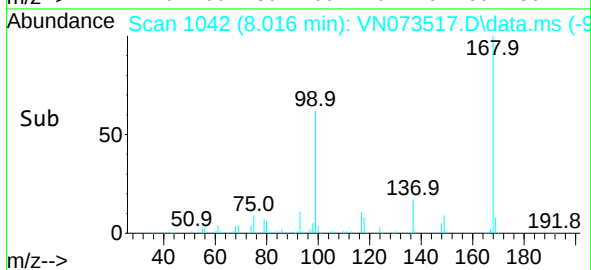
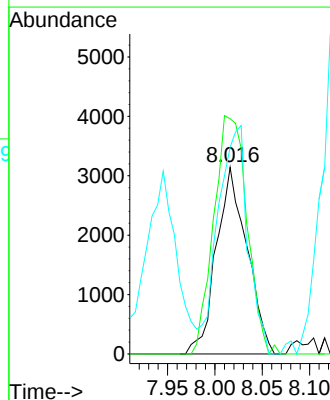
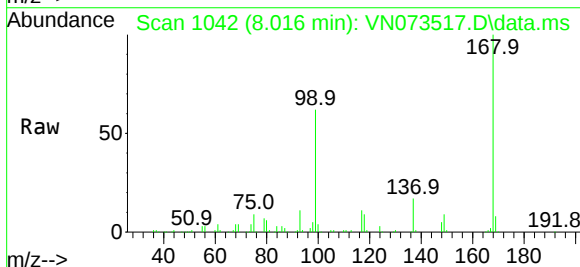
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

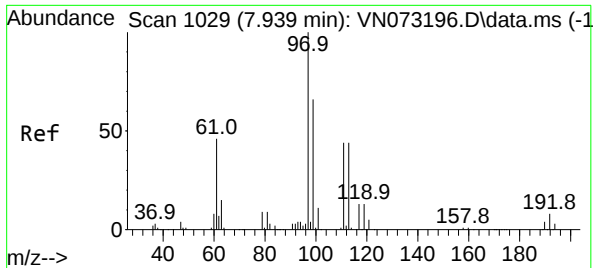
Tgt Ion: 83 Resp: 400607
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.8



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 56 Resp: 7077
Ion Ratio Lower Upper
56 100
69 126.0 27.8 41.8#
84 110.8 76.9 115.3





#32

1,1,1-Trichloroethane

Concen: 78.522 ug/l

RT: 7.939 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

SPC-04-84

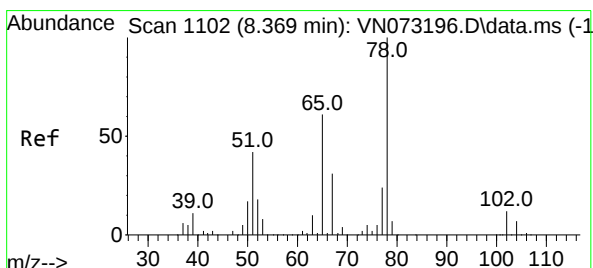
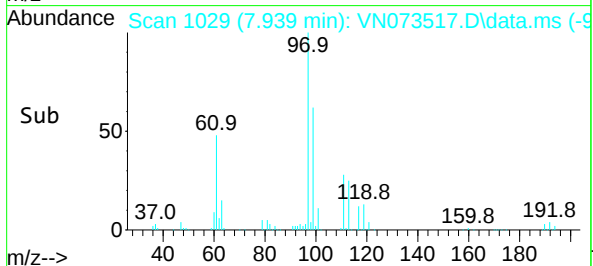
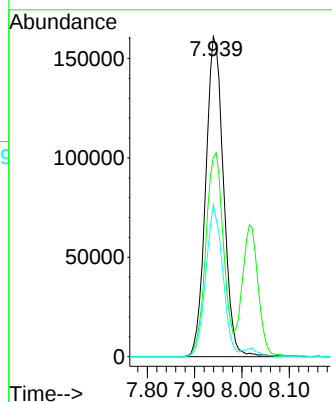
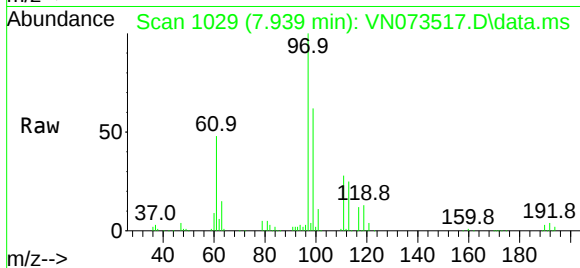
Tgt Ion: 97 Resp: 421540

Ion Ratio Lower Upper

97 100

99 62.8 50.6 76.0

61 45.0 36.0 54.0



#33

1,2-Dichloroethane-d4

Concen: 46.442 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073517.D

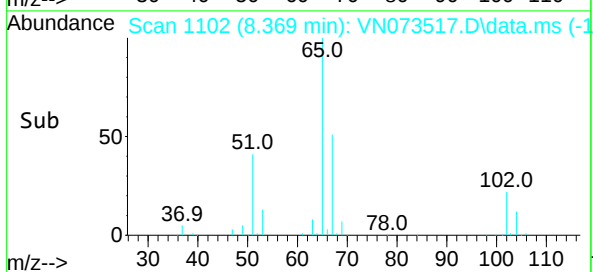
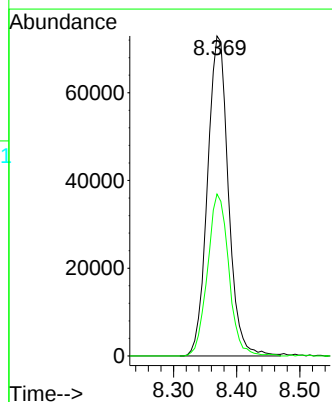
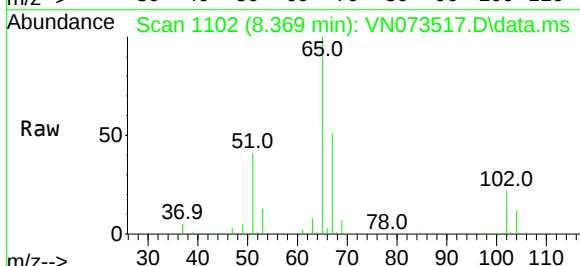
Acq: 19 Jul 2022 15:39

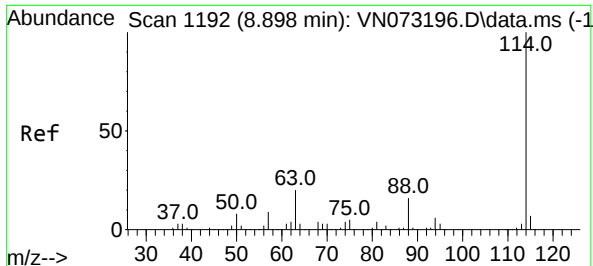
Tgt Ion: 65 Resp: 167445

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

SPC-04-84

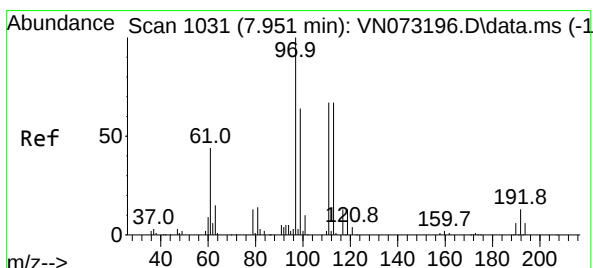
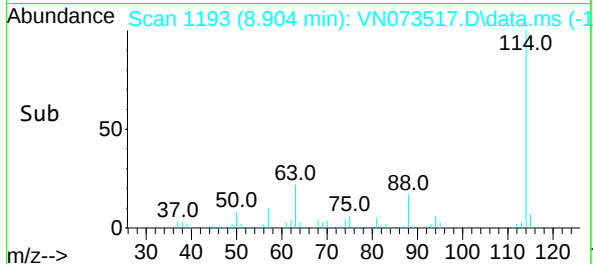
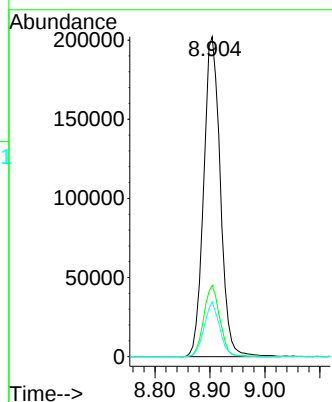
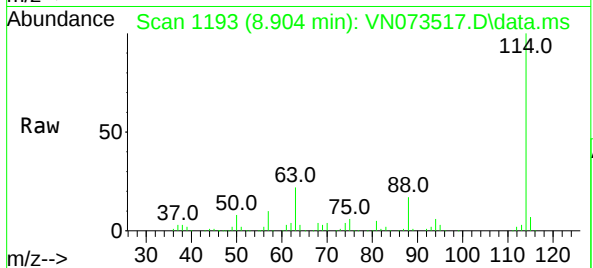
Tgt Ion:114 Resp: 425343

Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.327 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

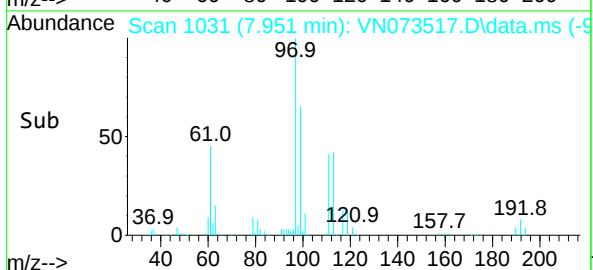
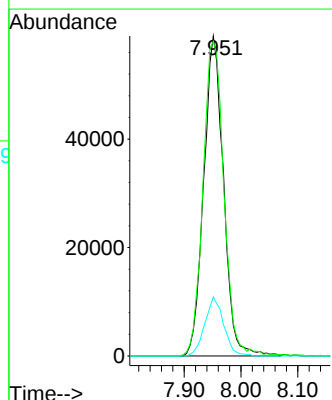
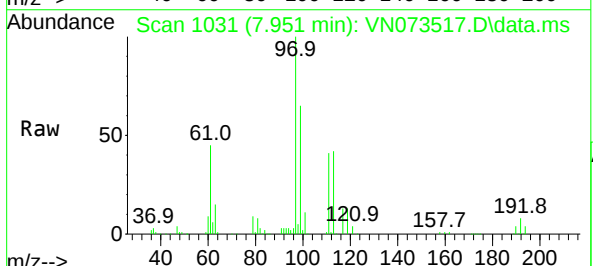
Tgt Ion:113 Resp: 142419

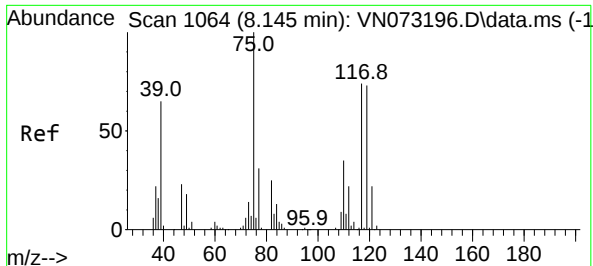
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 17.6 17.0 25.6

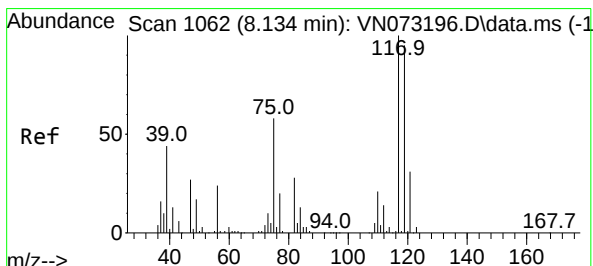
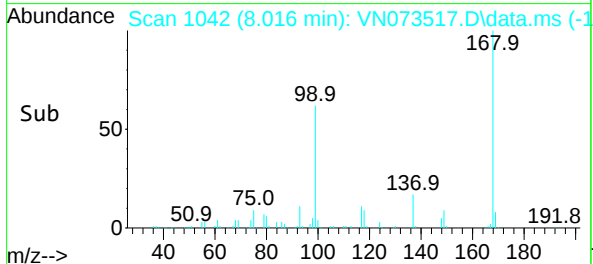
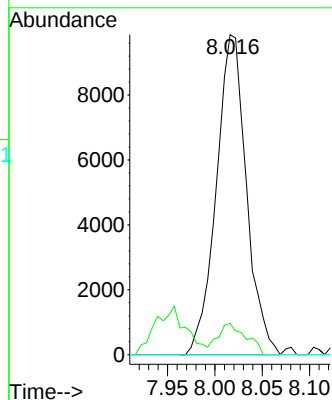
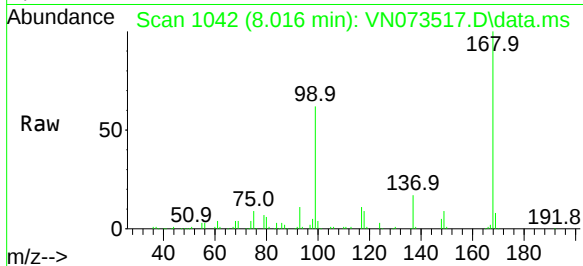




#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

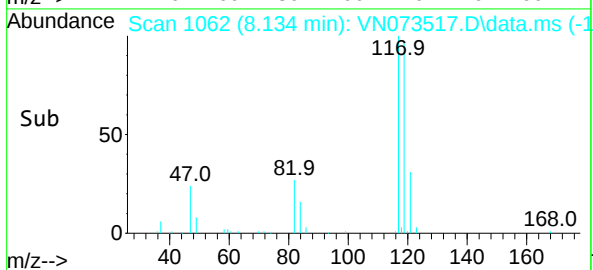
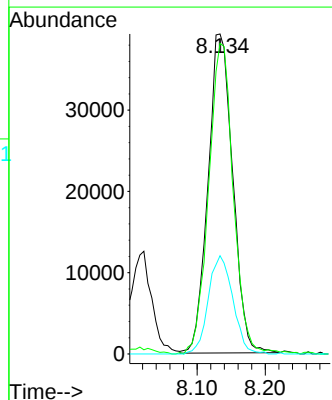
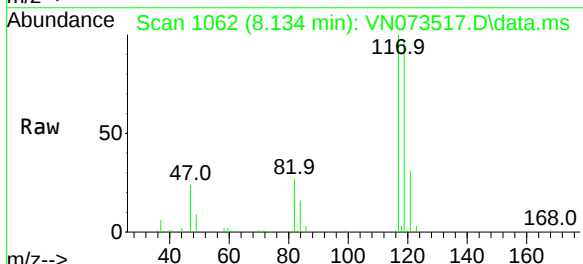
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

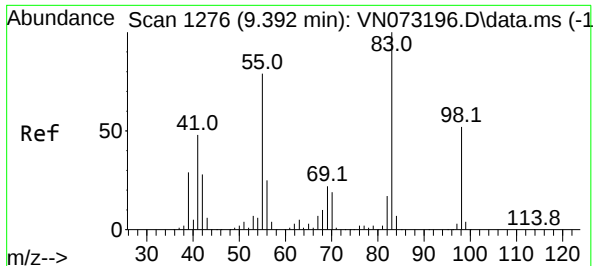
Tgt Ion: 75 Resp: 21835
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 22.056 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 117 Resp: 99315
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 0.374 ug/l

RT: 9.404 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

SPC-04-84

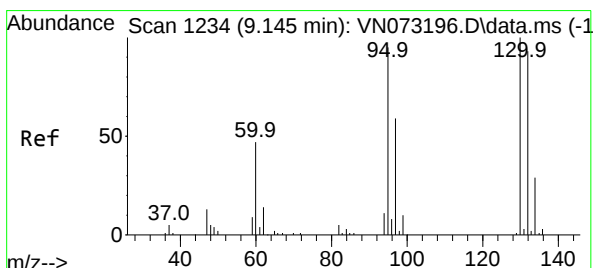
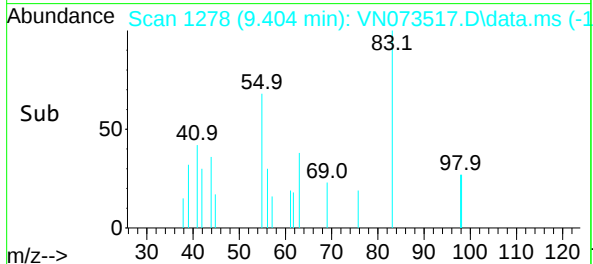
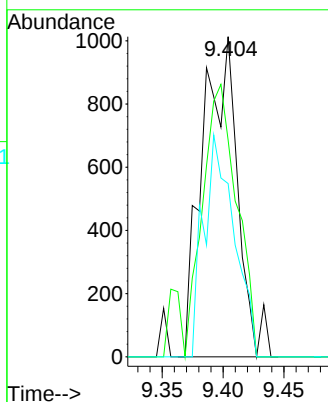
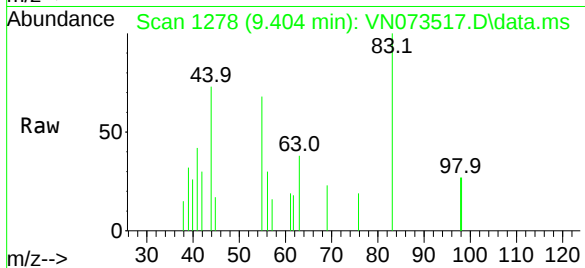
Tgt Ion: 83 Resp: 2028

Ion Ratio Lower Upper

83 100

55 67.7 57.8 86.8

98 54.1 39.4 59.2



#44

Trichloroethene

Concen: 91.302 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VN073517.D

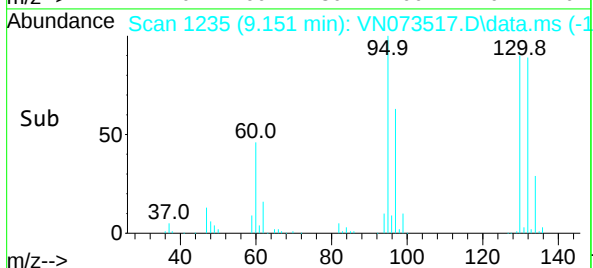
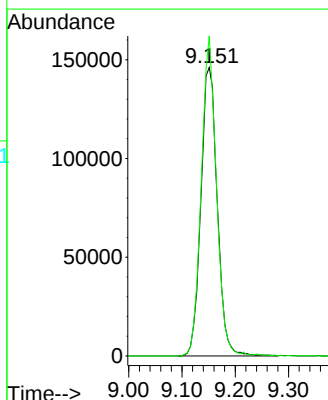
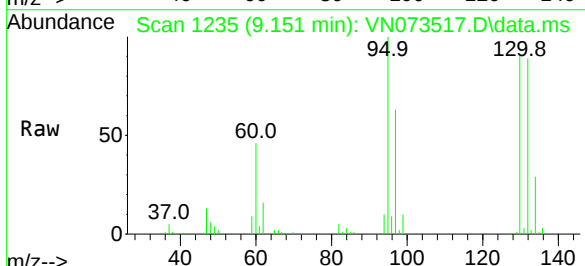
Acq: 19 Jul 2022 15:39

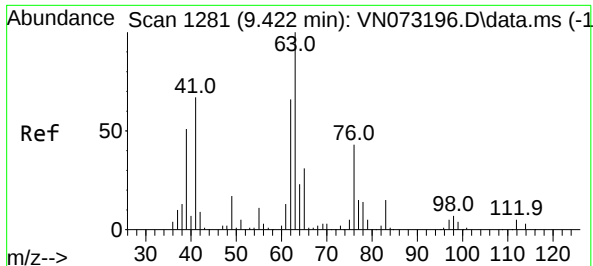
Tgt Ion:130 Resp: 312228

Ion Ratio Lower Upper

130 100

95 110.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.825 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

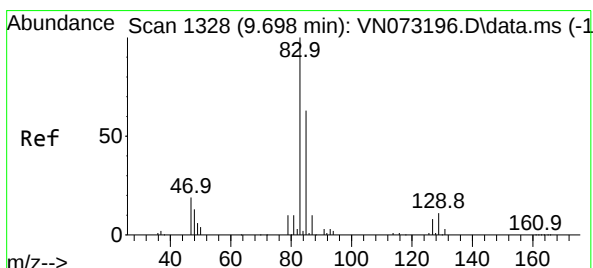
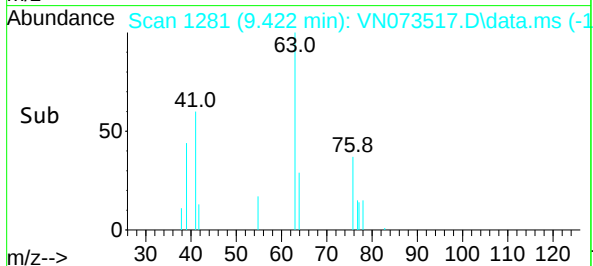
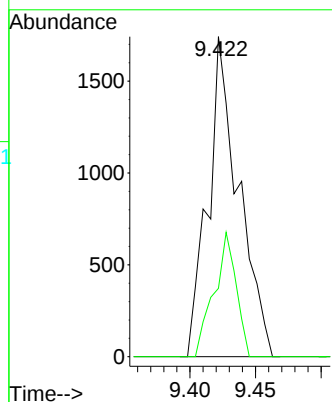
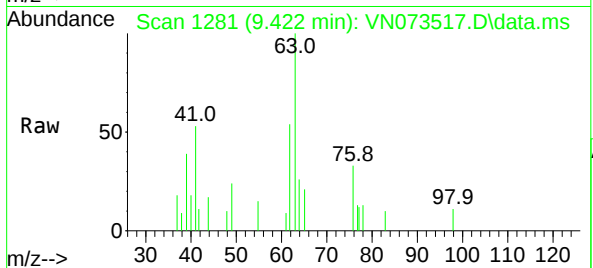
SPC-04-84

Tgt Ion: 63 Resp: 2826

Ion Ratio Lower Upper

63 100

65 21.4 24.9 37.3#



#47

Bromodichloromethane

Concen: 0.281 ug/l

RT: 9.692 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

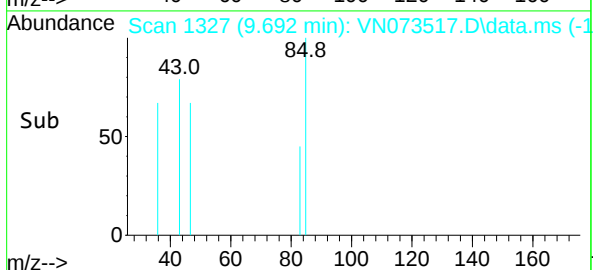
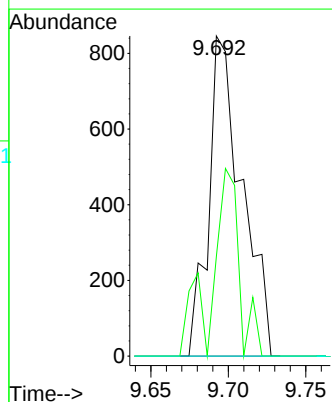
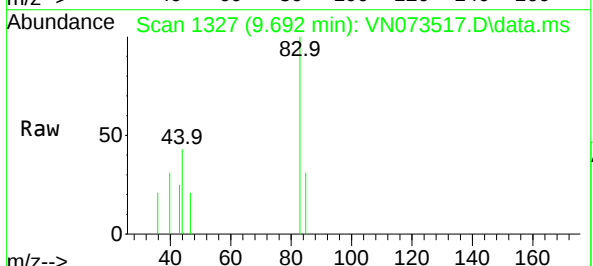
Tgt Ion: 83 Resp: 1264

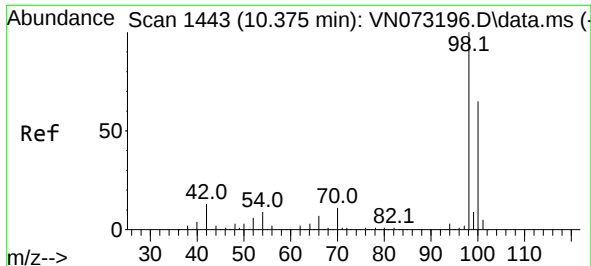
Ion Ratio Lower Upper

83 100

85 31.1 50.5 75.7#

127 0.0 6.8 10.2#

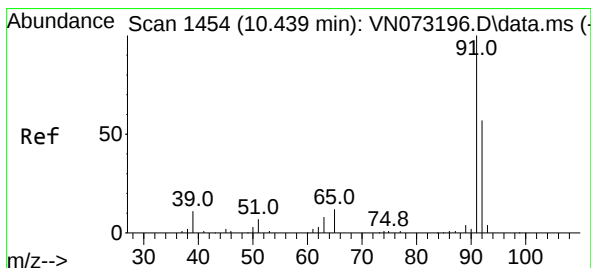
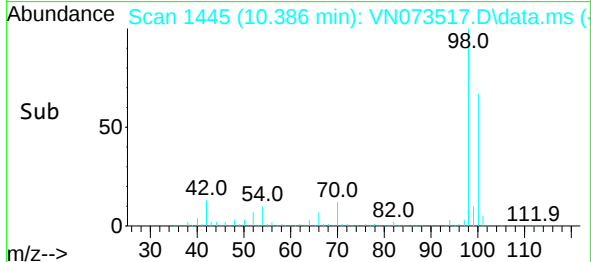
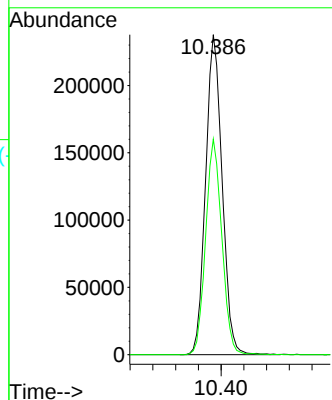
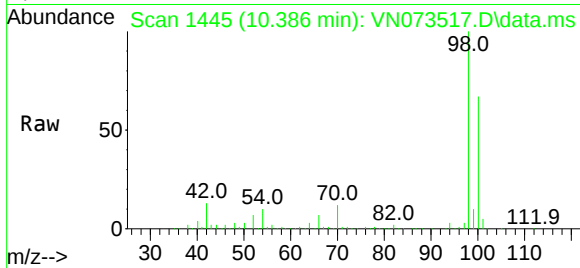




#50
Toluene-d8
Concen: 47.694 ug/l
RT: 10.386 min Scan# 1443
Delta R.T. 0.011 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

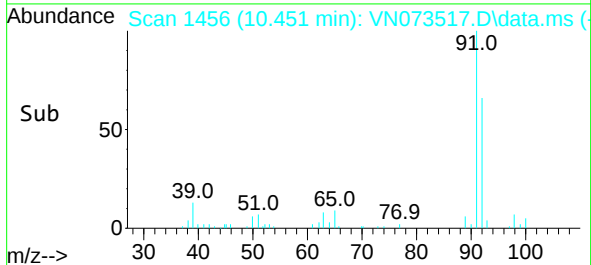
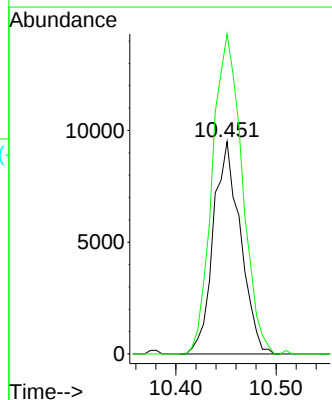
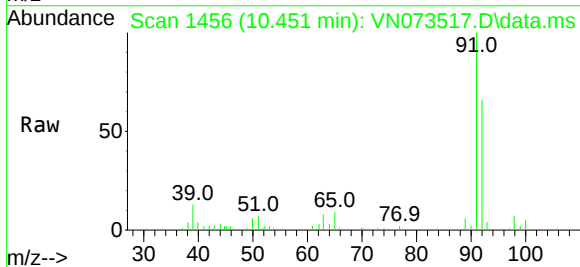
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

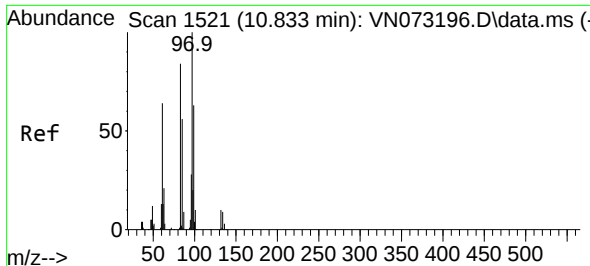
Tgt Ion: 98 Resp: 479358
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#52
Toluene
Concen: 2.149 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.012 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 92 Resp: 17846
Ion Ratio Lower Upper
92 100
91 165.8 138.6 207.8

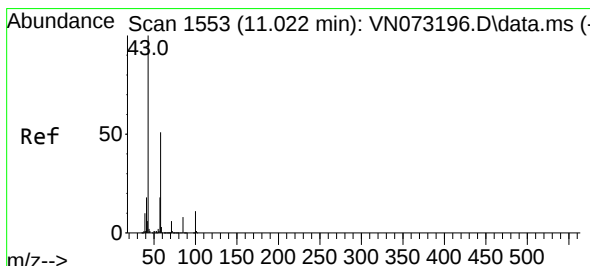
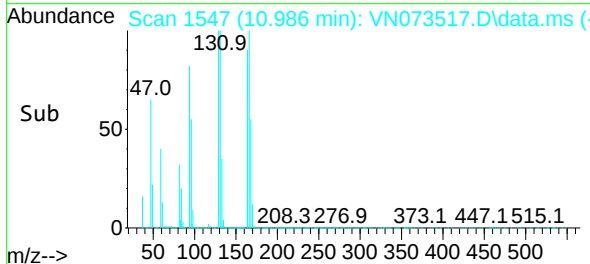
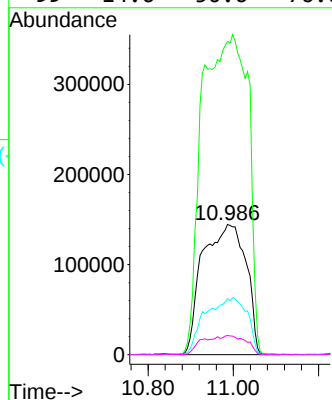
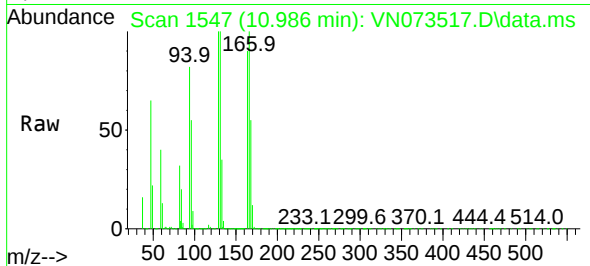




#55
1,1,2-Trichloroethane
Concen: 299.280 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.153 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

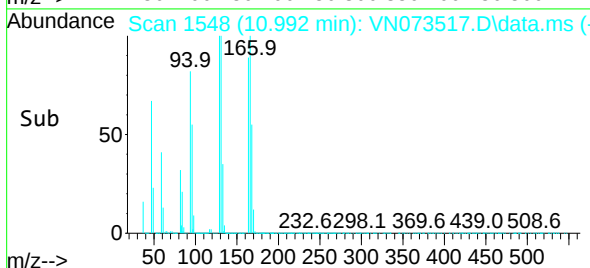
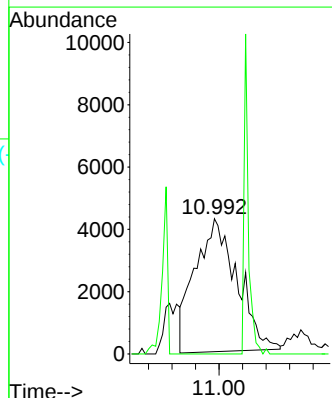
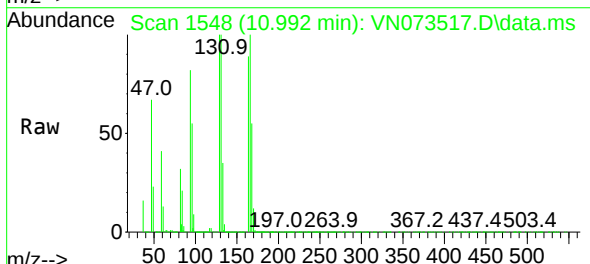
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

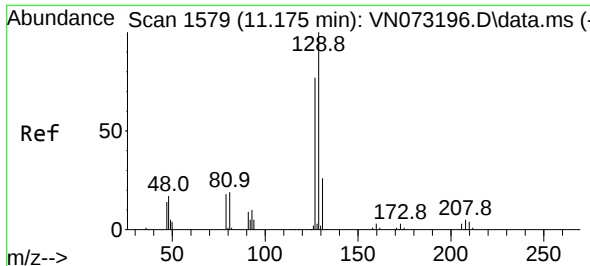
Tgt Ion: 97 Resp: 1023215
Ion Ratio Lower Upper
97 100
83 240.4 66.2 99.4#
85 43.0 43.9 65.9#
99 14.6 50.6 76.0#



#59
2-Hexanone
Concen: 4.601 ug/l
RT: 10.992 min Scan# 1548
Delta R.T. -0.030 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 43 Resp: 21032
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#

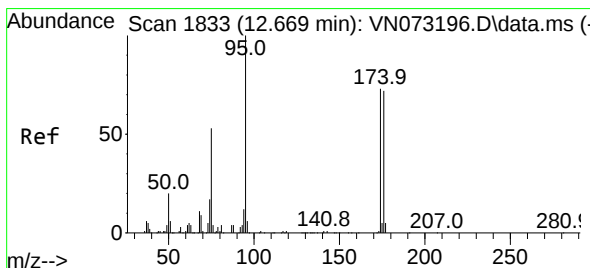
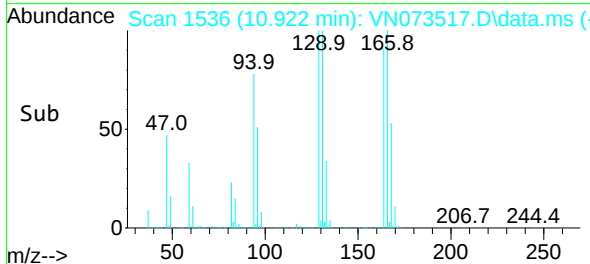
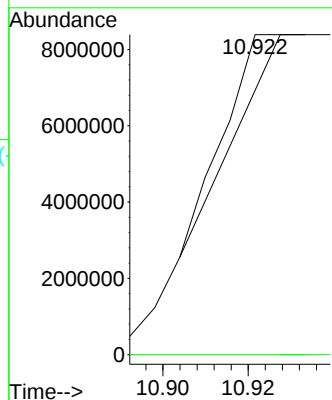
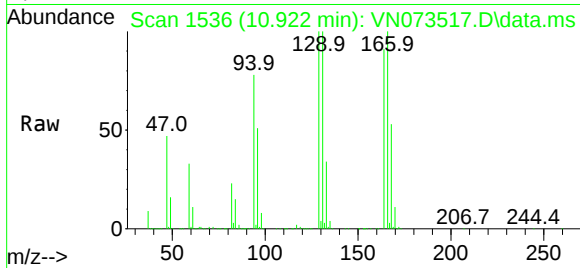




#60
Dibromochloromethane
Concen: 839.085 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

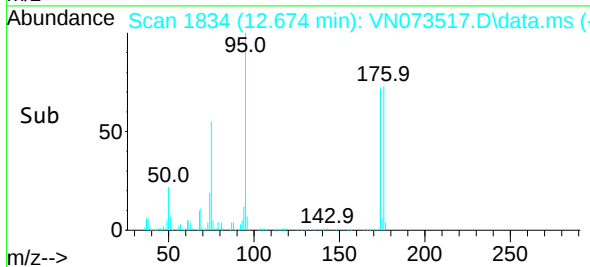
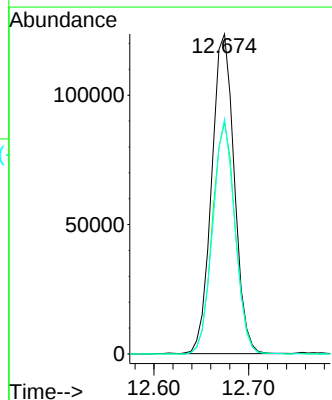
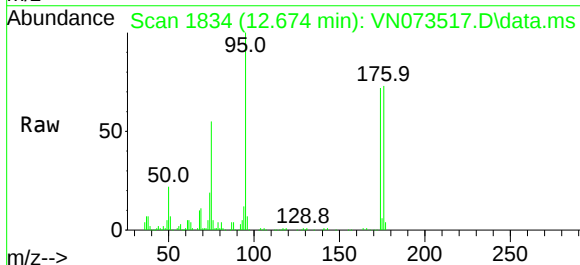
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

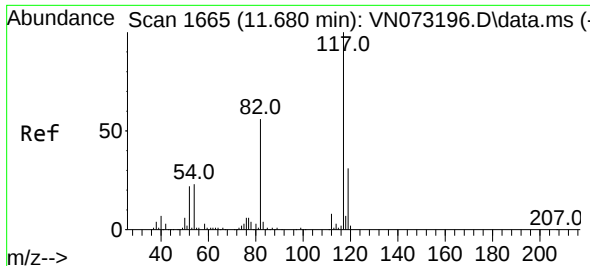
Tgt Ion:129 Resp: 2735150
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 95 Resp: 204683
Ion Ratio Lower Upper
95 100
174 72.9 0.0 167.6
176 71.8 0.0 163.4

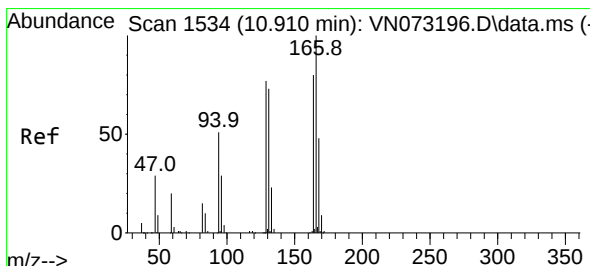
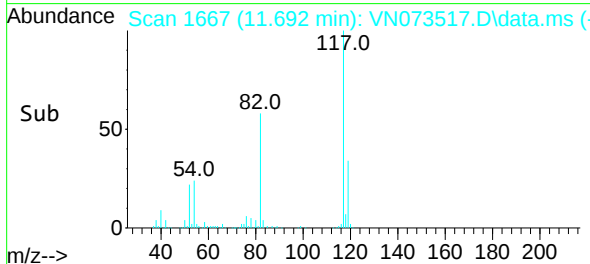
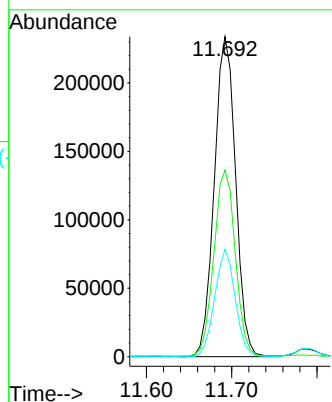
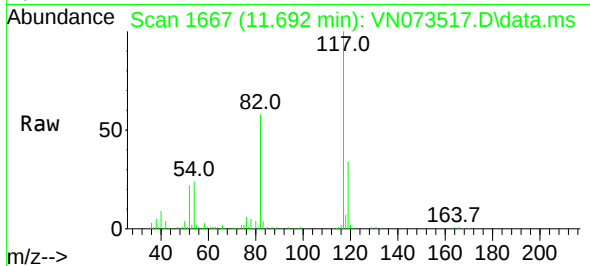




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.692 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

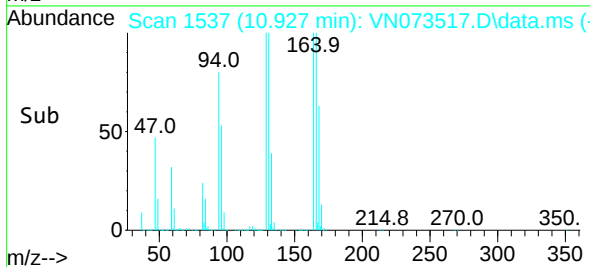
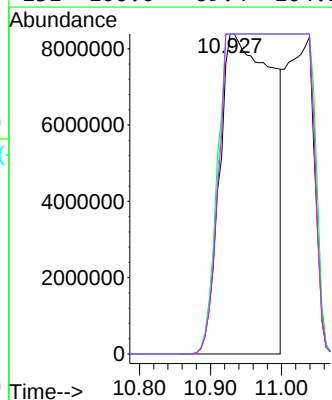
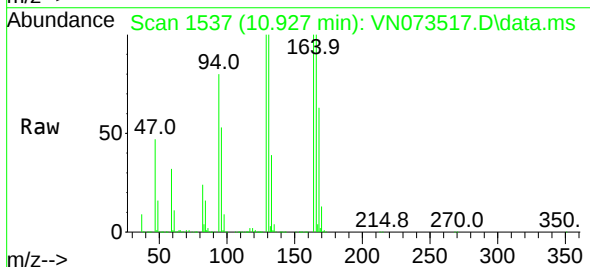
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

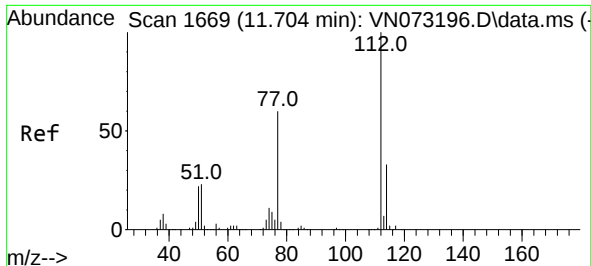
Tgt Ion:117 Resp: 405810
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 33.6 25.4 38.0



#64
Tetrachloroethene
Concen: 13057.242 ug/l
RT: 10.927 min Scan# 1537
Delta R.T. 0.017 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion:164 Resp:43268255
Ion Ratio Lower Upper
164 100
166 100.0 104.2 156.2#
129 100.0 73.9 110.9
131 100.0 69.4 104.2

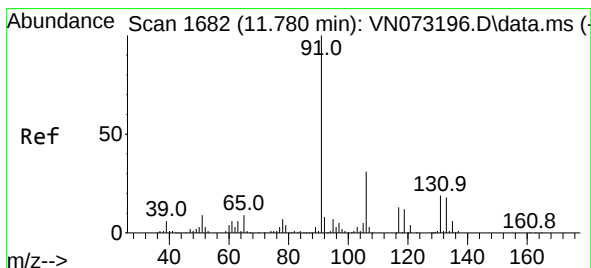
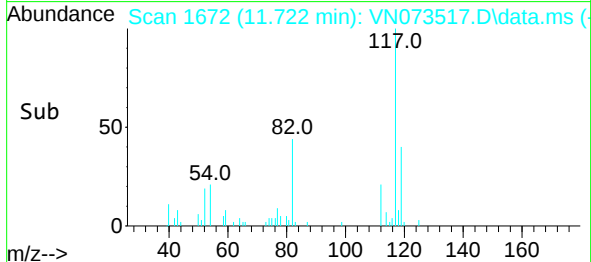
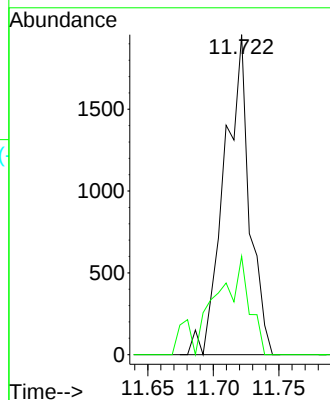
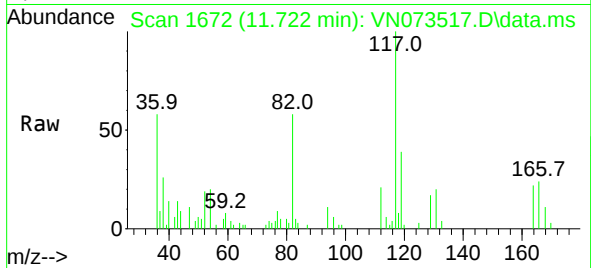




#65
Chlorobenzene
Concen: 0.284 ug/l
RT: 11.722 min Scan# 1672
Delta R.T. 0.018 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

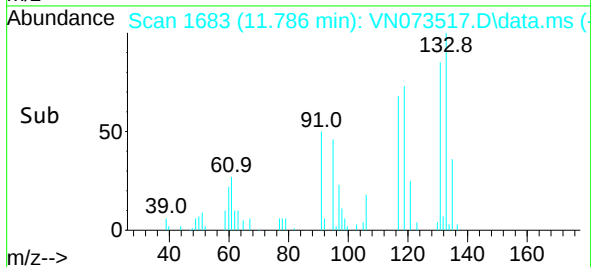
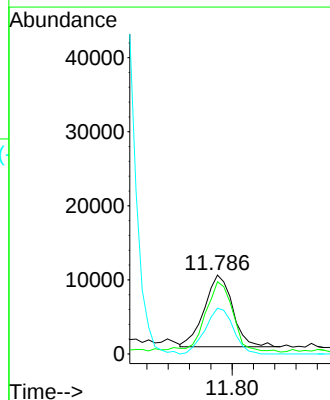
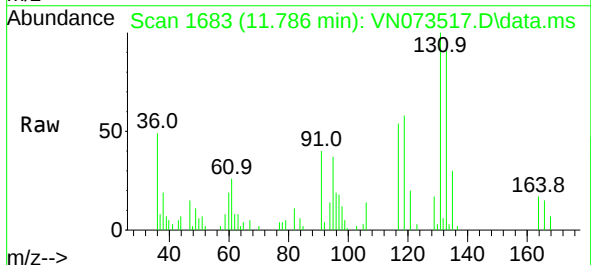
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

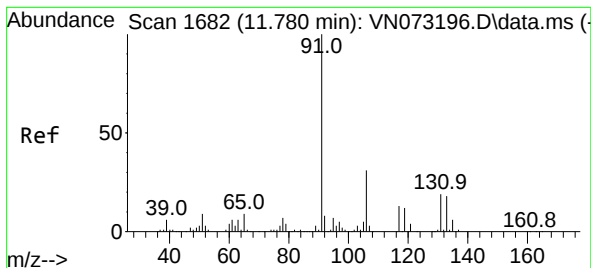
Tgt Ion:112 Resp: 2611
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.308 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion:131 Resp: 17920
Ion Ratio Lower Upper
131 100
133 98.2 47.8 143.4
119 63.2 33.4 100.2





#67

Ethyl Benzene

Concen: 0.487 ug/l

RT: 11.792 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

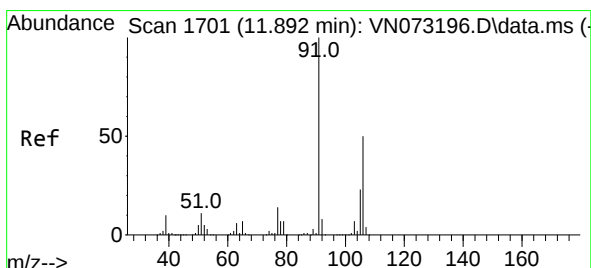
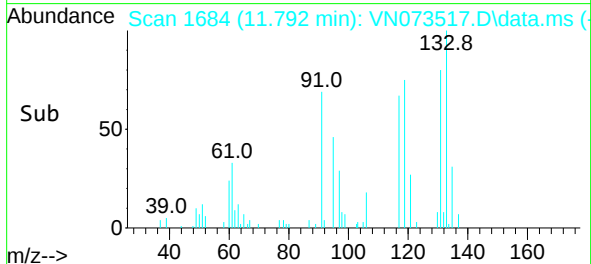
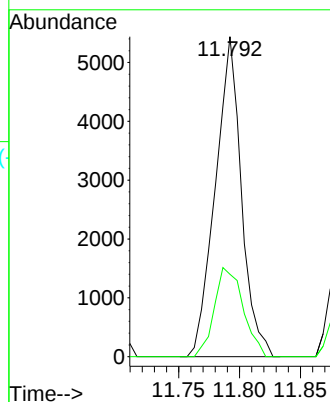
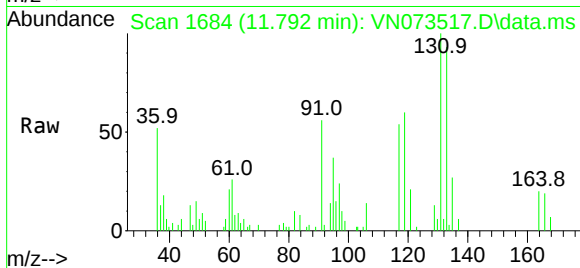
SPC-04-84

Tgt Ion: 91 Resp: 8109

Ion Ratio Lower Upper

91 100

106 25.8 24.9 37.3



#68

m/p-Xylenes

Concen: 0.852 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073517.D

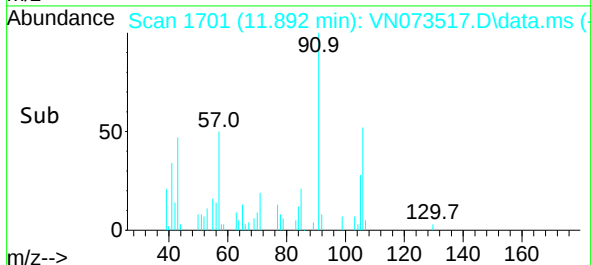
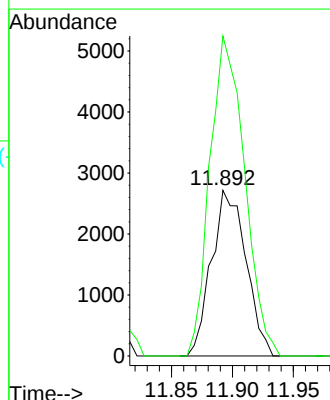
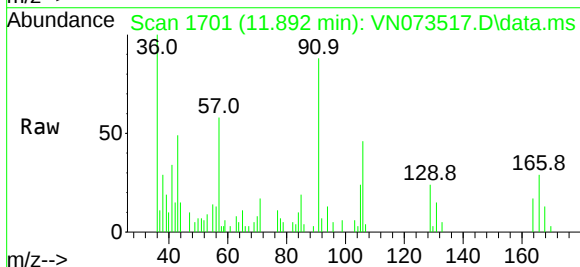
Acq: 19 Jul 2022 15:39

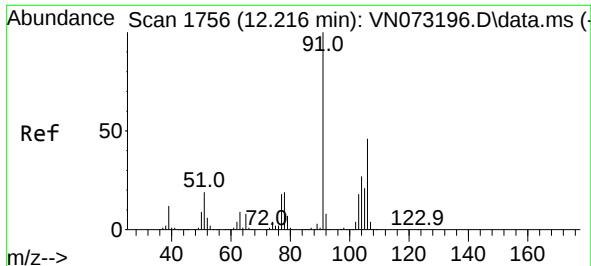
Tgt Ion: 106 Resp: 5355

Ion Ratio Lower Upper

106 100

91 194.5 158.9 238.3

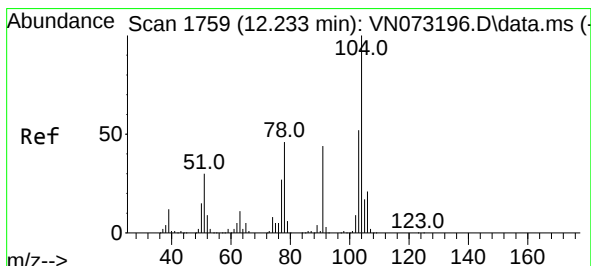
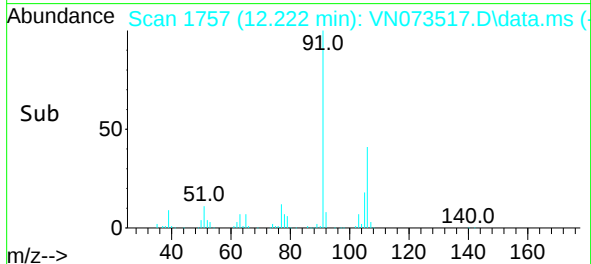
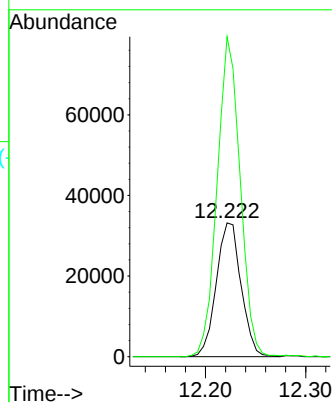
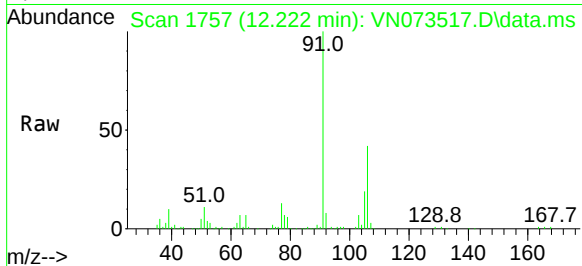




#69
o-Xylene
Concen: 8.872 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

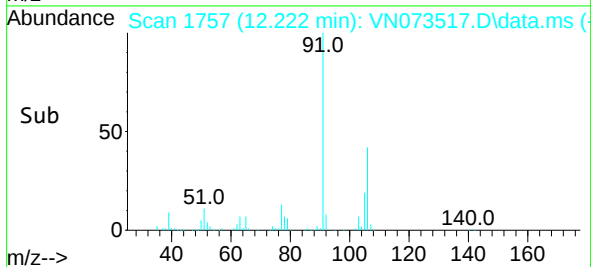
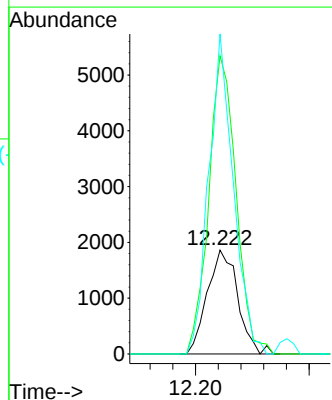
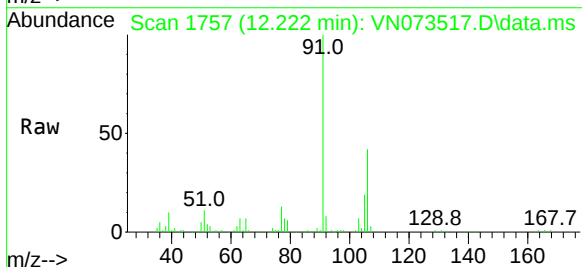
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

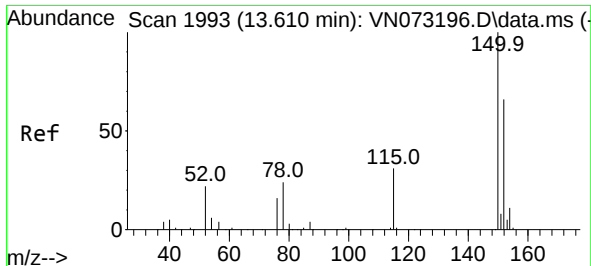
Tgt Ion:106 Resp: 56952
Ion Ratio Lower Upper
106 100
91 222.2 106.0 318.0



#70
Styrene
Concen: 0.350 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. -0.011 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion:104 Resp: 3472
Ion Ratio Lower Upper
104 100
78 257.3 39.5 59.3#
103 249.0 44.0 66.0#

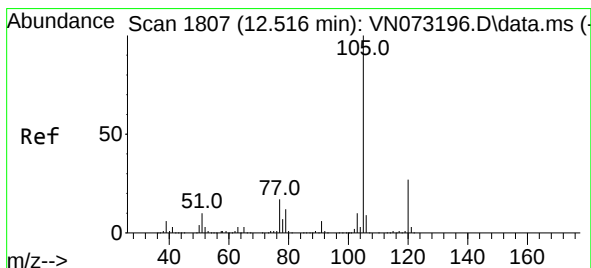
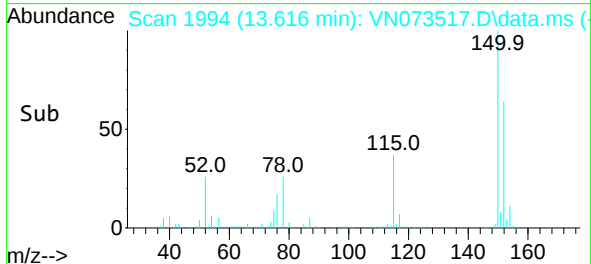
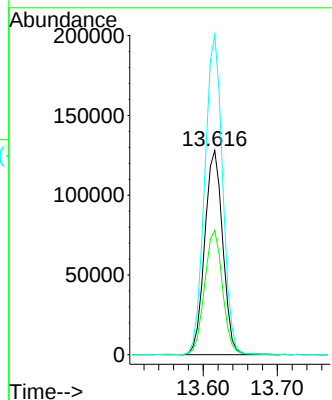
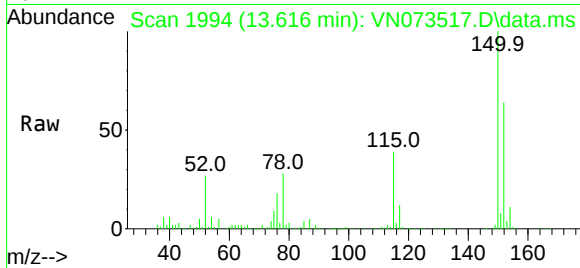




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073517.D
 Acq: 19 Jul 2022 15:39

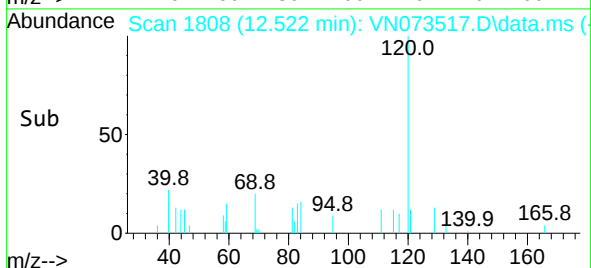
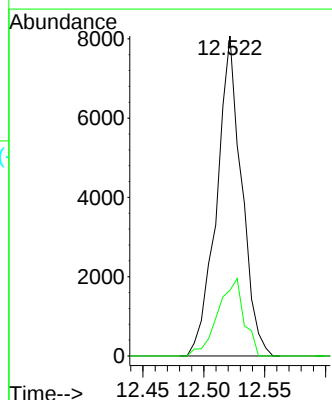
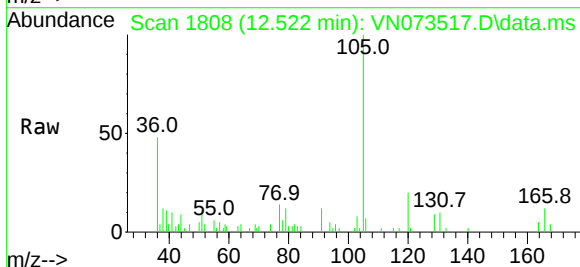
Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-04-84

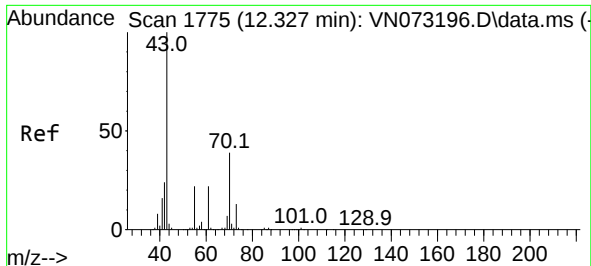
Tgt Ion:152 Resp: 216552
 Ion Ratio Lower Upper
 152 100
 115 60.8 28.9 86.7
 150 155.1 0.0 356.2



#73
 Isopropylbenzene
 Concen: 0.615 ug/l
 RT: 12.522 min Scan# 1808
 Delta R.T. 0.005 min
 Lab File: VN073517.D
 Acq: 19 Jul 2022 15:39

Tgt Ion:105 Resp: 11507
 Ion Ratio Lower Upper
 105 100
 120 25.2 13.5 40.4

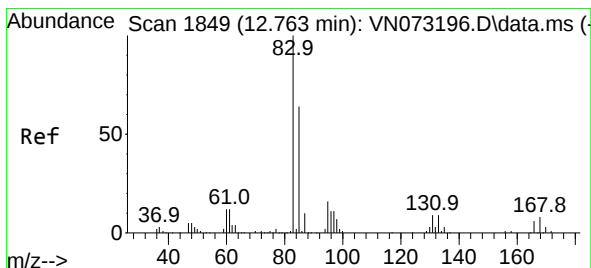
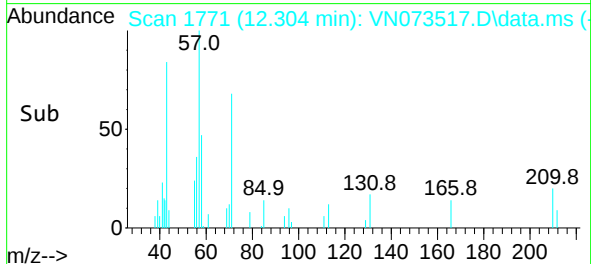
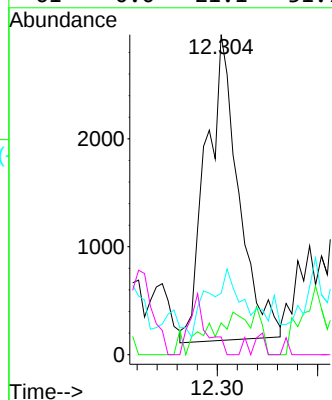
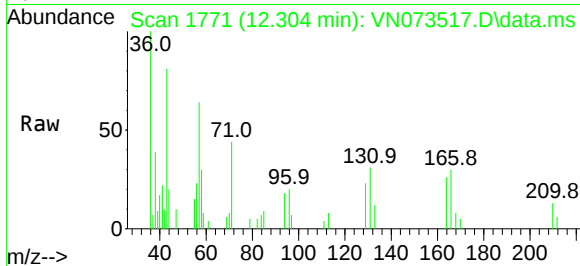




#74
N-amy1 acetate
Concen: 0.680 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

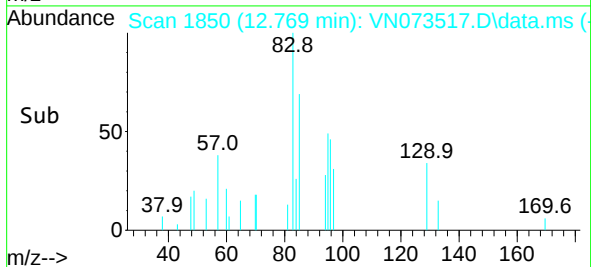
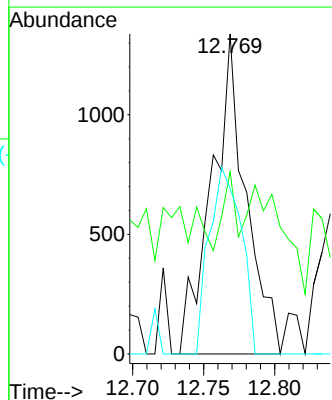
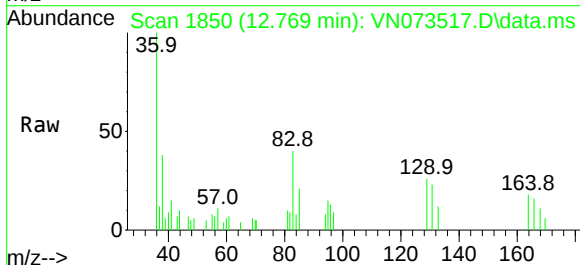
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MSVOA_N
ClientSampleId :
SPC-04-84

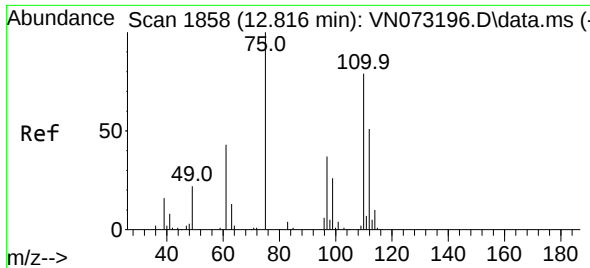
Tgt Ion: 43 Resp: 6366
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 24.7 21.1 31.7
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.361 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 83 Resp: 2241
Ion Ratio Lower Upper
83 100
131 12.0 5.3 15.9
85 54.7 32.3 96.9

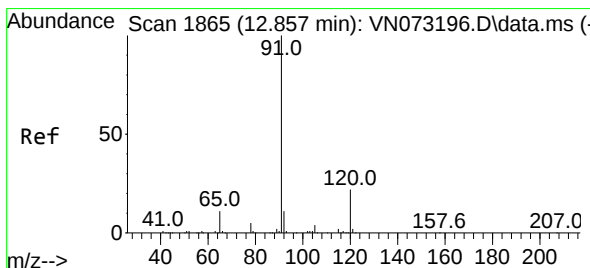
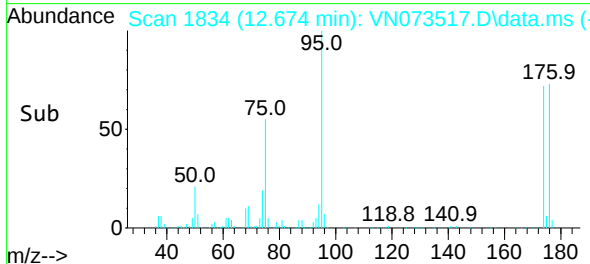
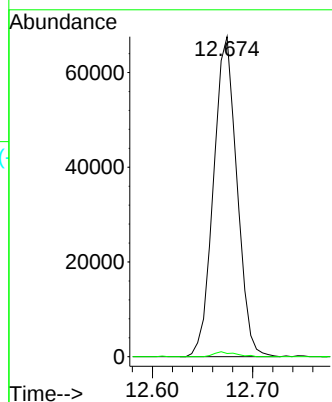
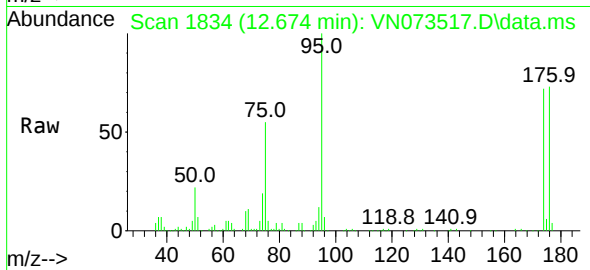




#76
1,2,3-Trichloropropane
Concen: 19.381 ug/l
RT: 12.674 min Scan# 1858
Delta R.T. -0.142 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

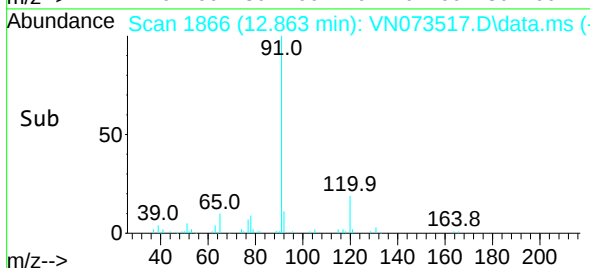
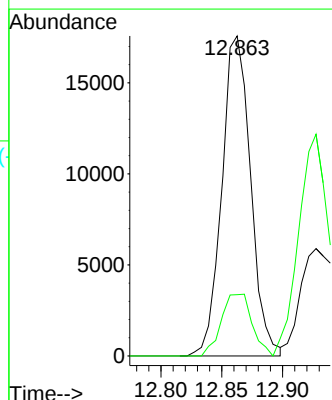
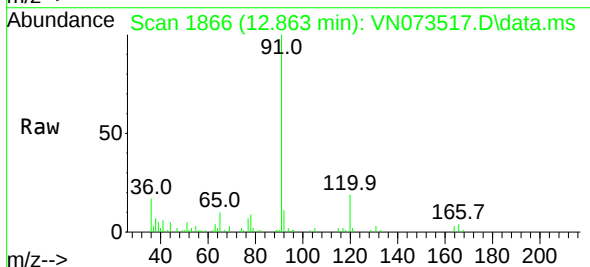
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

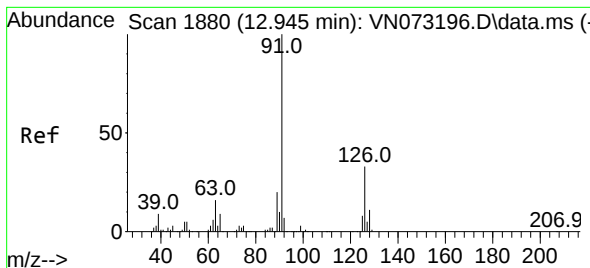
Tgt Ion: 75 Resp: 109745
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#78
n-propylbenzene
Concen: 1.395 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 91 Resp: 28970
Ion Ratio Lower Upper
91 100
120 20.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.209 ug/l

RT: 13.045 min Scan# 1897

Delta R.T. 0.100 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

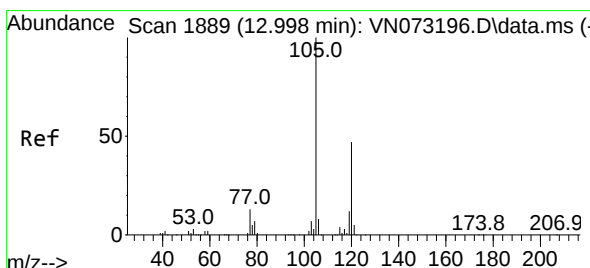
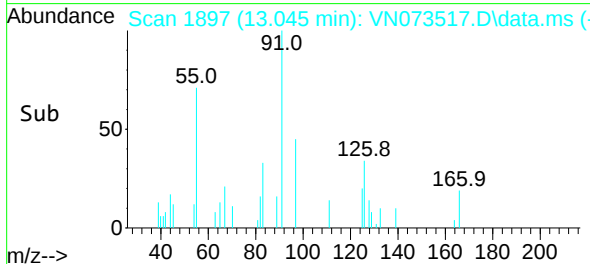
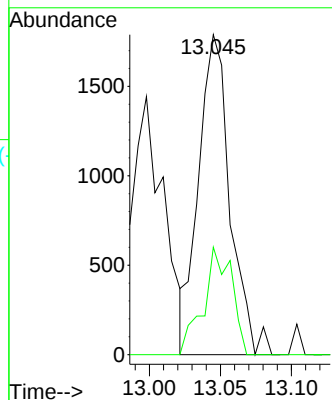
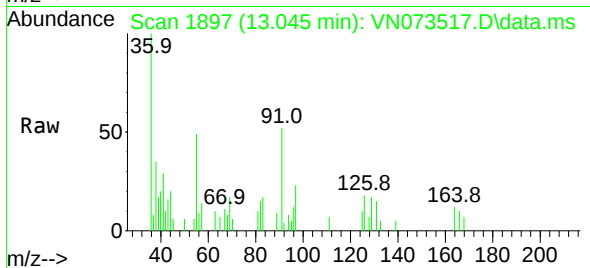
SPC-04-84

Tgt Ion: 91 Resp: 2751

Ion Ratio Lower Upper

91 100

126 30.3 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 1.193 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073517.D

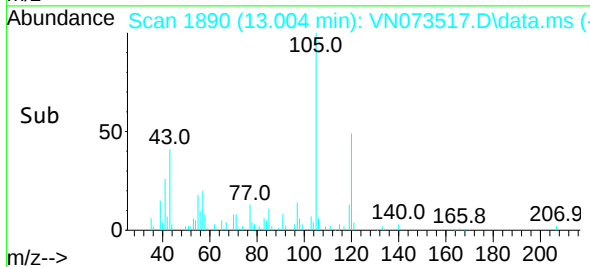
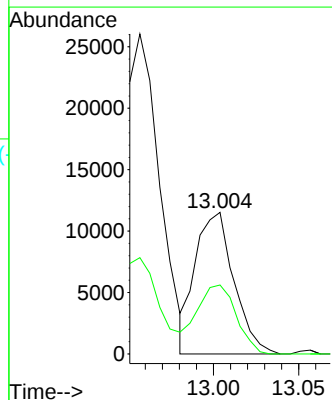
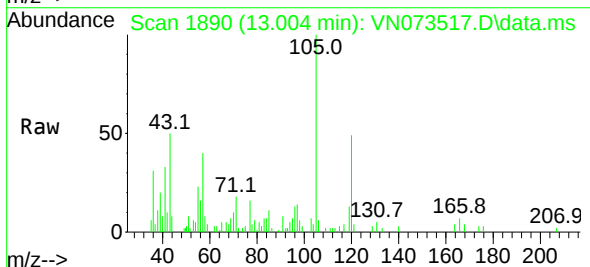
Acq: 19 Jul 2022 15:39

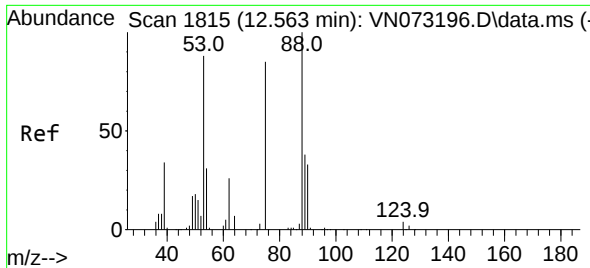
Tgt Ion: 105 Resp: 18178

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.7

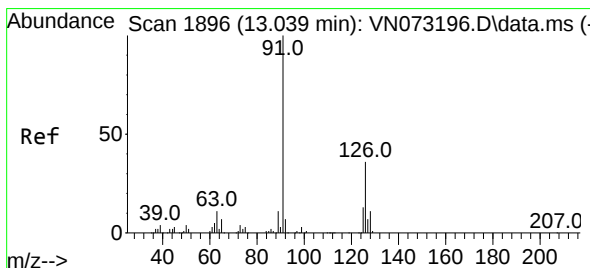
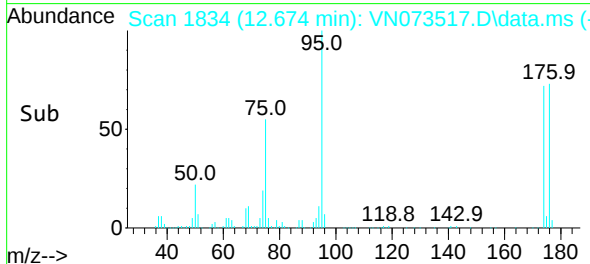
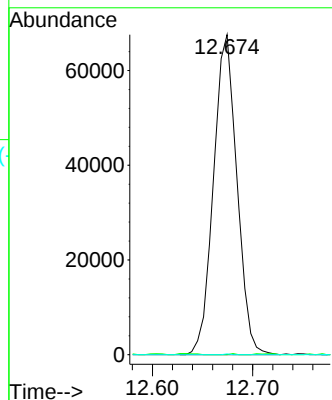
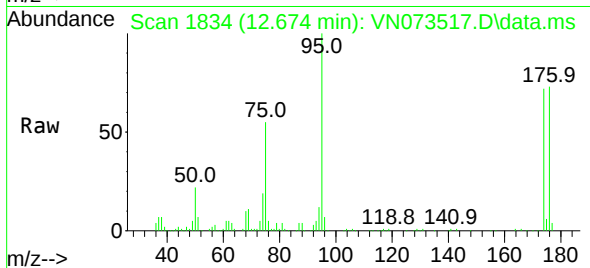




#81
trans-1,4-Dichloro-2-butene
Concen: 53.153 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.111 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

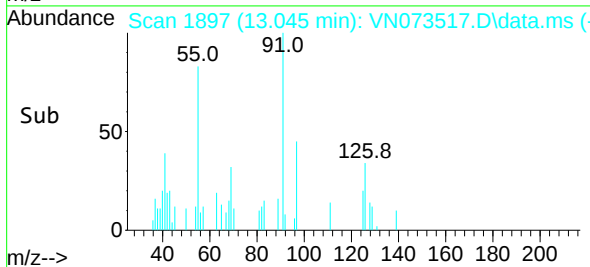
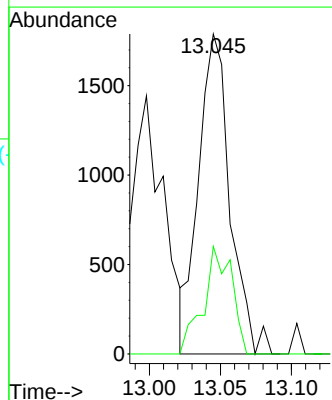
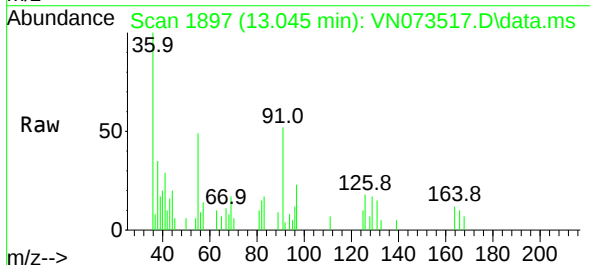
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

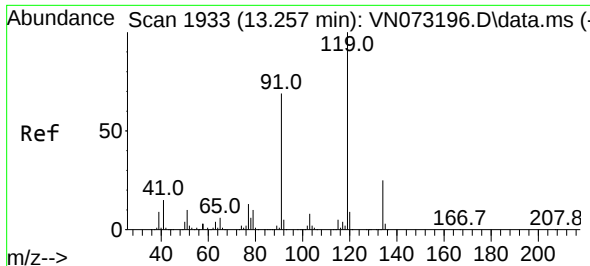
Tgt Ion: 75 Resp: 109745
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion: 91 Resp: 2751
Ion Ratio Lower Upper
91 100
126 30.3 17.2 51.6

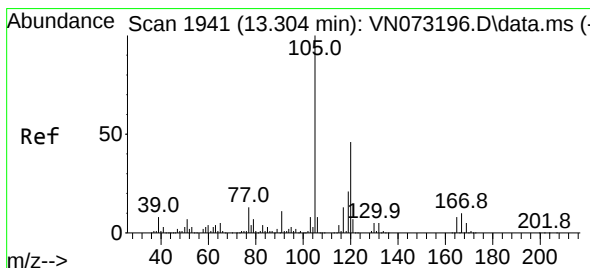
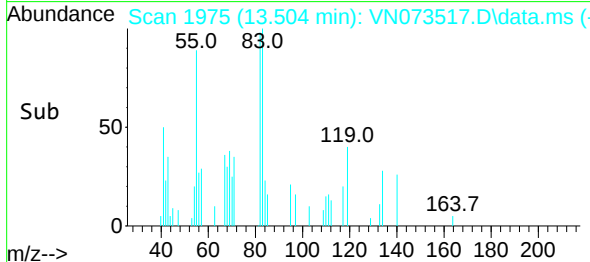
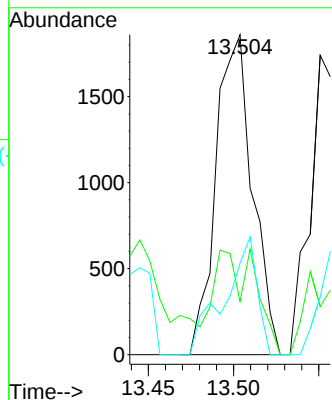
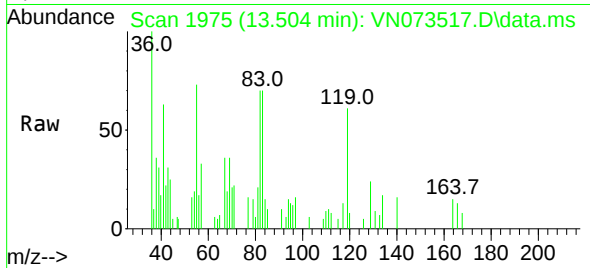




#83
tert-Butylbenzene
Concen: 0.203 ug/l
RT: 13.504 min Scan# 1975
Delta R.T. 0.247 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

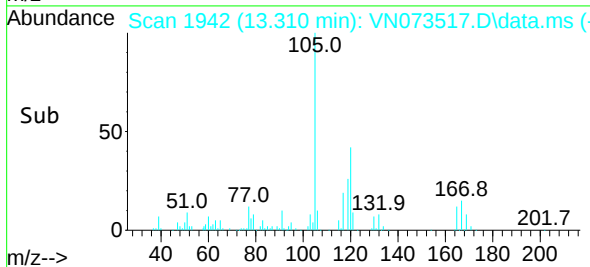
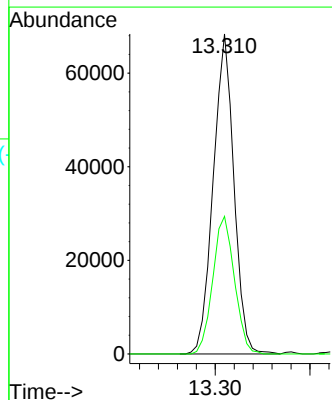
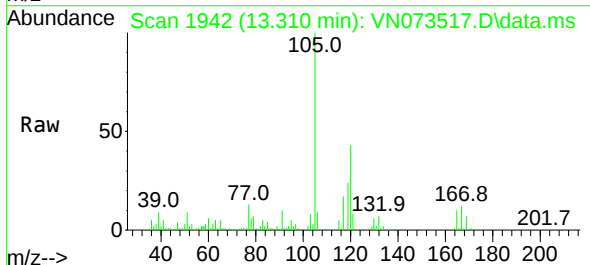
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84

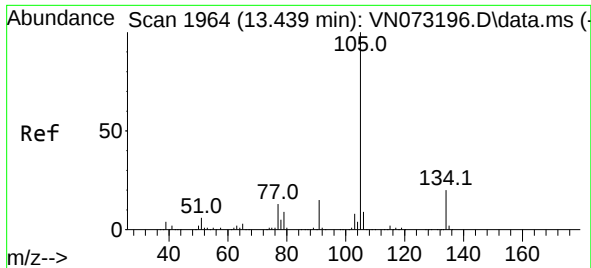
Tgt Ion:119 Resp: 2777
Ion Ratio Lower Upper
119 100
91 36.8 31.6 94.8
134 33.0 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 6.799 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073517.D
Acq: 19 Jul 2022 15:39

Tgt Ion:105 Resp: 103461
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8

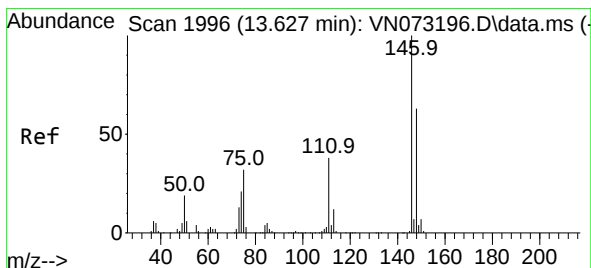
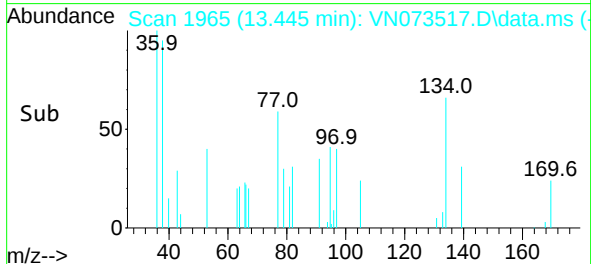
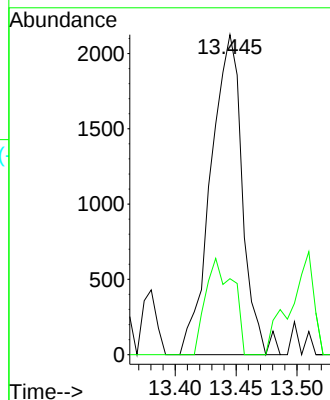
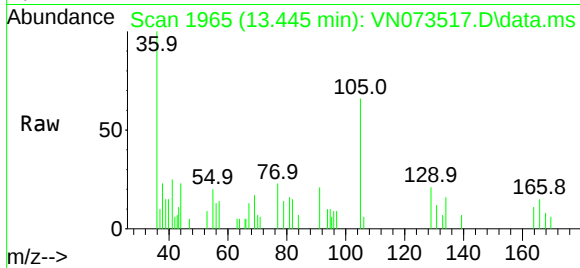




#85
 sec-Butylbenzene
 Concen: 0.209 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VN073517.D
 Acq: 19 Jul 2022 15:39

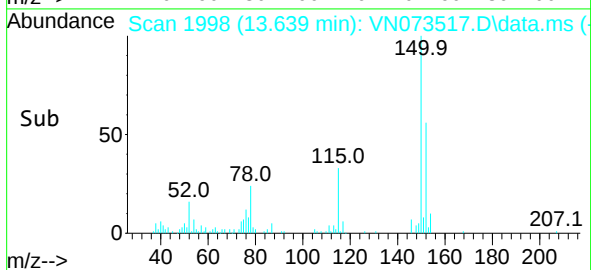
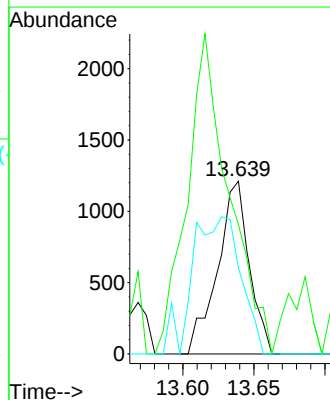
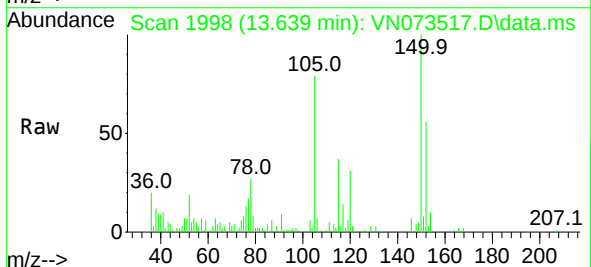
Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-04-84

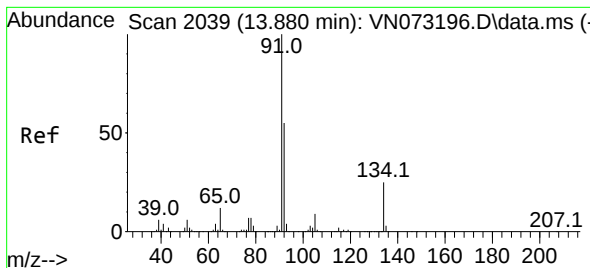
Tgt Ion:105 Resp: 3841
 Ion Ratio Lower Upper
 105 100
 134 26.2 10.4 31.1



#88
 1,4-Dichlorobenzene
 Concen: 0.241 ug/l
 RT: 13.639 min Scan# 1998
 Delta R.T. 0.012 min
 Lab File: VN073517.D
 Acq: 19 Jul 2022 15:39

Tgt Ion:146 Resp: 1882
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.1 57.1#
 148 121.6 31.4 94.3#





#89

n-Butylbenzene

Concen: 0.402 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

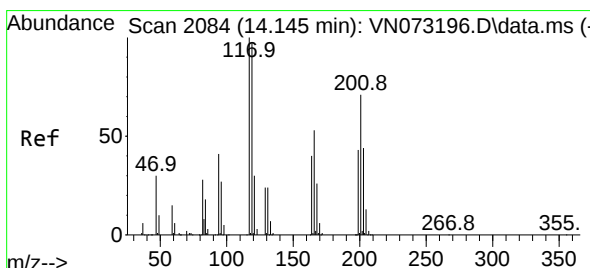
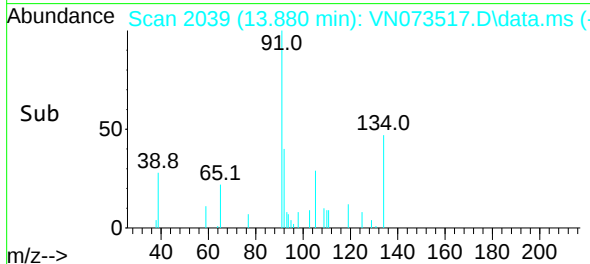
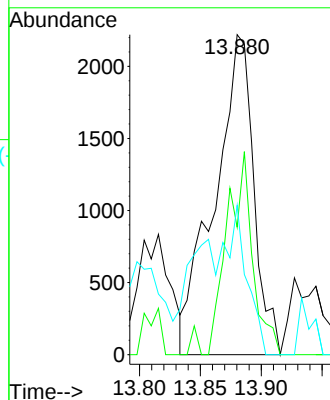
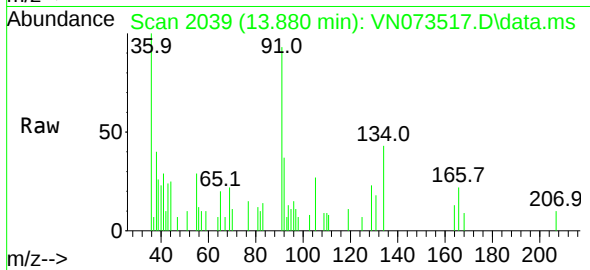
Instrument :

MSVOA_N

ClientSampleId :

SPC-04-84

Tgt Ion:	91	Resp:	4968
Ion	Ratio	Lower	Upper
91	100		
92	41.3	26.9	80.7
134	26.5	13.6	40.8



#90

Hexachloroethane

Concen: 172.122 ug/l

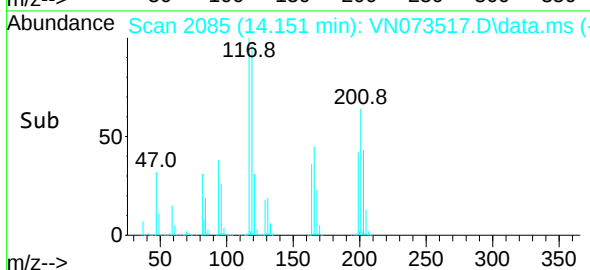
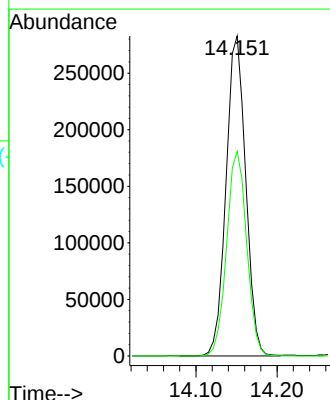
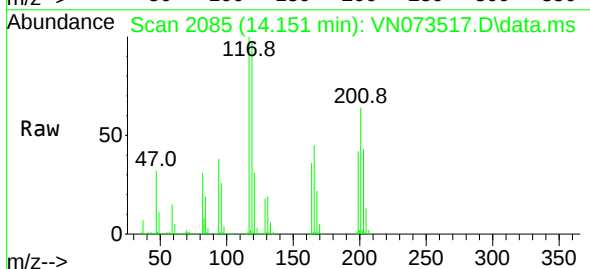
RT: 14.151 min Scan# 2085

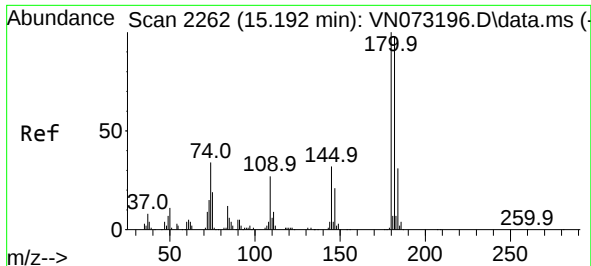
Delta R.T. 0.006 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Tgt Ion:	117	Resp:	475464
Ion	Ratio	Lower	Upper
117	100		
201	65.1	40.6	122.0





#93

1,2,4-Trichlorobenzene

Concen: 1.600 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

SPC-04-84

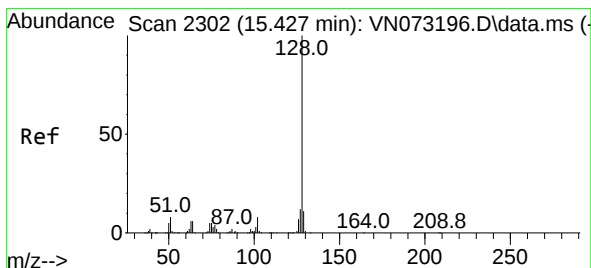
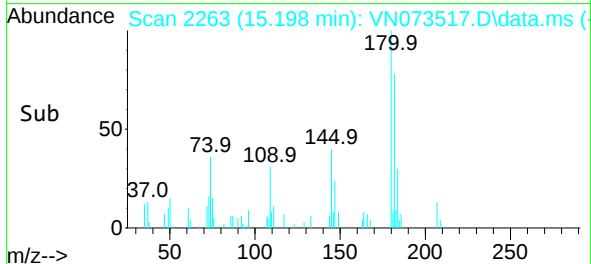
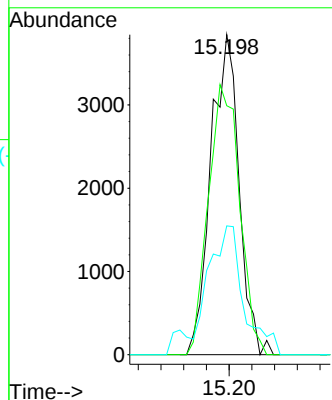
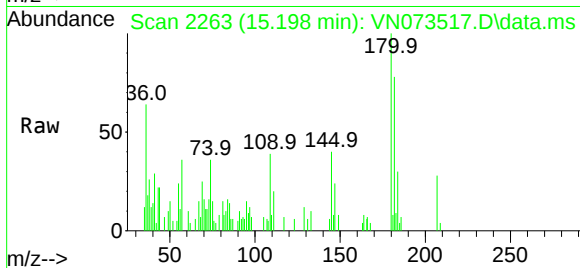
Tgt Ion:180 Resp: 6618

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.5

145 49.2 14.5 43.5#



#95

Naphthalene

Concen: 0.825 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. 0.012 min

Lab File: VN073517.D

Acq: 19 Jul 2022 15:39

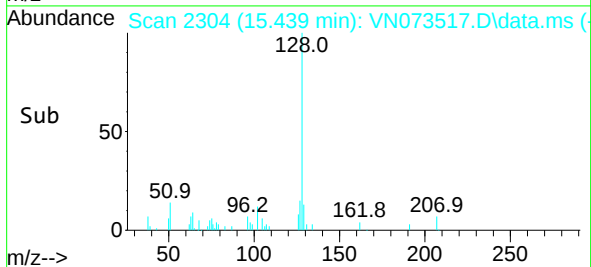
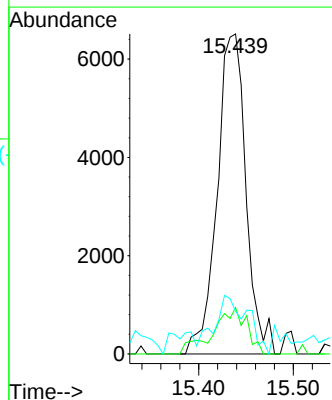
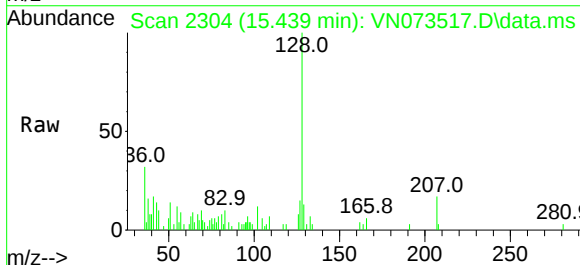
Tgt Ion:128 Resp: 13767

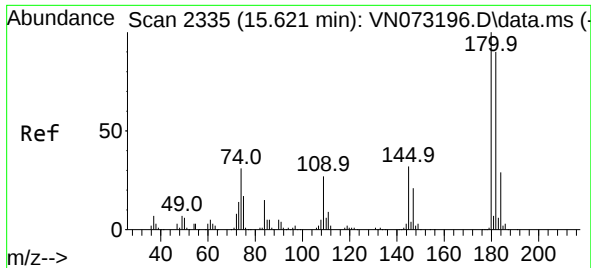
Ion Ratio Lower Upper

128 100

127 16.9 10.3 15.5#

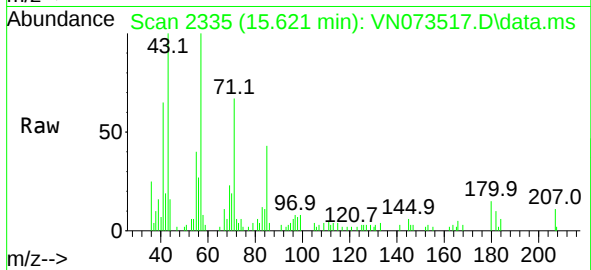
129 21.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.573 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073517.D
 Acq: 19 Jul 2022 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-04-84



Tgt Ion:180 Resp: 2447
 Ion Ratio Lower Upper
 180 100
 182 84.2 47.8 143.3
 145 58.4 15.5 46.5#

