

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074922.D
 Acq On : 17 Oct 2022 17:44
 Operator : JC\MD
 Sample : N4785-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Oct 18 03:03:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	314556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	644161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	315571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	420150	50.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.280%		
35) Dibromofluoromethane	8.182	113	319628	47.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	10.571	98	1386515	49.680	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.847	95	387502	47.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.580%		
Target Compounds						Qvalue
3) Chloromethane	2.389	50	16480	0.650	ug/l #	84
4) Vinyl Chloride	2.536	62	1095364	83.940	ug/l	97
5) Bromomethane	2.953	94	687840	76.609	ug/l	91
11) Tert butyl alcohol	5.541	59	3140	1.739	ug/l #	87
13) Acrolein	4.194	56	825	0.464	ug/l #	1
16) Acetone	4.459	43	671809	172.215	ug/l	100
18) Methyl Acetate	5.059	43	11412	0.937	ug/l #	72
20) Methylene Chloride	5.300	84	480520	70.306	ug/l	96
21) trans-1,2-Dichloroethene	5.818	96	100927	17.026	ug/l	95
25) 2-Butanone	7.500	43	533647	82.151	ug/l	100
27) cis-1,2-Dichloroethene	7.506	96	700720	94.770	ug/l	92
30) Chloroform	7.971	83	8219	0.677	ug/l	100
31) Cyclohexane	8.241	56	10213	0.952	ug/l #	32
36) 1,1-Dichloropropene	8.241	75	29467	3.334	ug/l #	49
37) Ethyl Acetate	7.500	43	533647	41.798	ug/l #	1
38) Carbon Tetrachloride	8.371	117	882226	98.626	ug/l	93
40) Benzene	8.618	78	1265161	43.347	ug/l	99
42) 1,2-Dichloroethane	8.682	62	1450568	143.624	ug/l	99
44) Trichloroethene	9.359	130	427251	68.526	ug/l	95
46) Dibromomethane	9.894	93	28251	5.458	ug/l #	9
47) Bromodichloromethane	9.894	83	845894	87.297	ug/l	98
49) 1,4-Dioxane	9.882	88	471	2.577	ug/l #	1
52) Toluene	10.635	92	1576679	88.202	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	1098517	100.208	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	848887	71.684	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	735802	97.561	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.153	63	227	9.402	ug/l #	49
59) 2-Hexanone	11.200	43	1617170	157.604	ug/l	99
60) Dibromochloromethane	11.365	129	709953	99.466	ug/l	99
61) 1,2-Dibromoethane	11.470	107	402633	54.348	ug/l	96
64) Tetrachloroethene	11.106	164	131681	27.636	ug/l #	86
65) Chlorobenzene	11.894	112	2159723	116.753	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	1028492	156.690	ug/l	98
67) Ethyl Benzene	11.965	91	2002204	59.524	ug/l	99
68) m/p-Xylenes	12.070	106	301817	24.016	ug/l	98
69) o-Xylene	12.400	106	1582110	123.951	ug/l	98

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

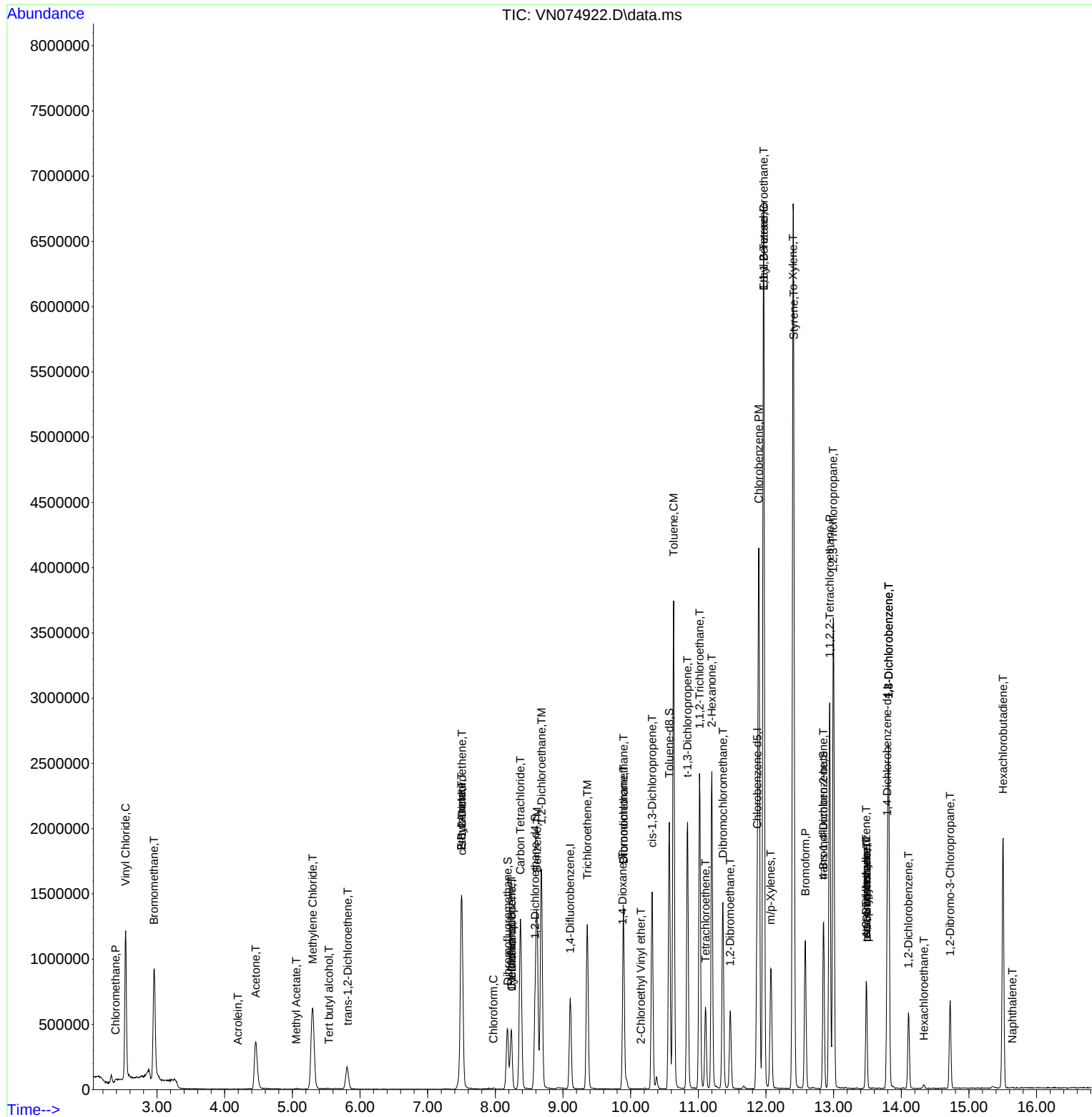
70) Styrene	12.412	104	1004195	50.041	ug/l #	82
71) Bromoform	12.582	173	461094	95.413	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	1517832	132.234	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	1436077	161.006	ug/l #	5
81) trans-1,4-Dichloro-2-b...	12.847	75	227378	61.277	ug/l #	9
83) tert-Butylbenzene	13.488	119	59726	2.645	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.482	105	431954	18.238	ug/l	98
85) sec-Butylbenzene	13.482	105	431954	13.961	ug/l #	60
86) p-Isopropyltoluene	13.488	119	58889	2.509	ug/l #	29
87) 1,3-Dichlorobenzene	13.811	146	905979	83.498	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	905979	79.033	ug/l	99
90) Hexachloroethane	14.335	117	5455	1.126	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	226126	20.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	158595	84.983	ug/l	100
94) Hexachlorobutadiene	15.506	225	320810	132.512	ug/l	96
95) Naphthalene	15.641	128	4502	0.206	ug/l #	75

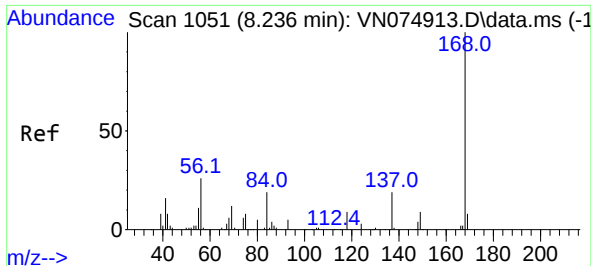
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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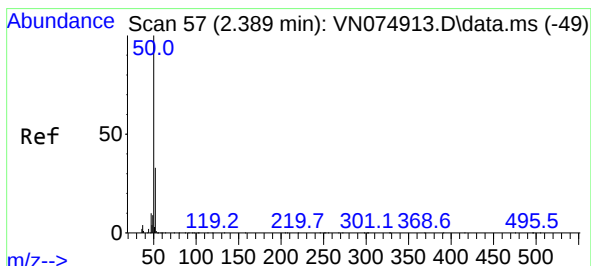
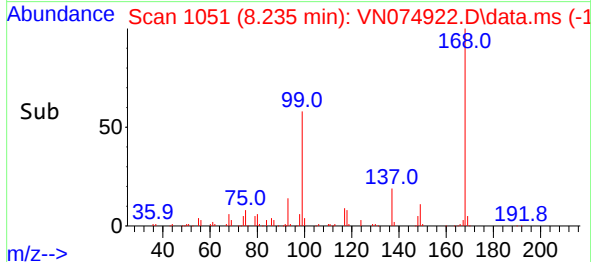
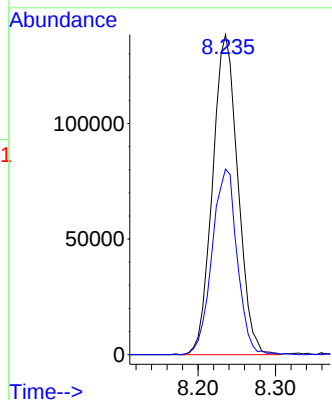
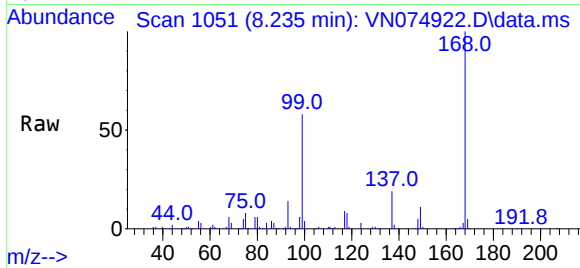




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

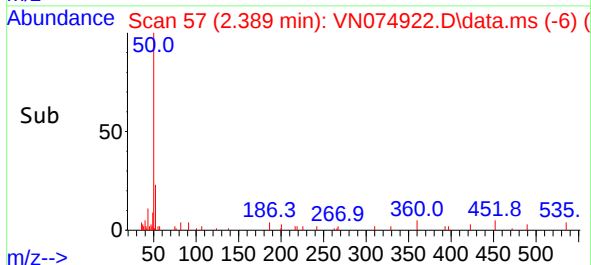
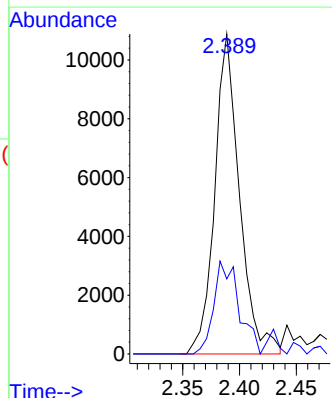
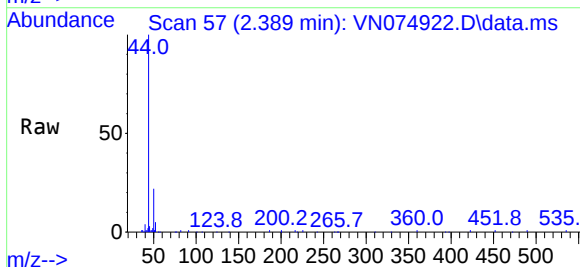
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tgt Ion:168 Resp: 314556
Ion Ratio Lower Upper
168 100
99 58.0 47.6 71.4

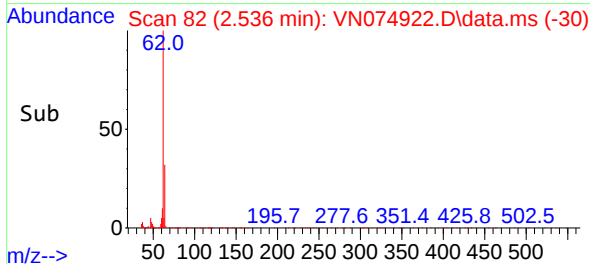
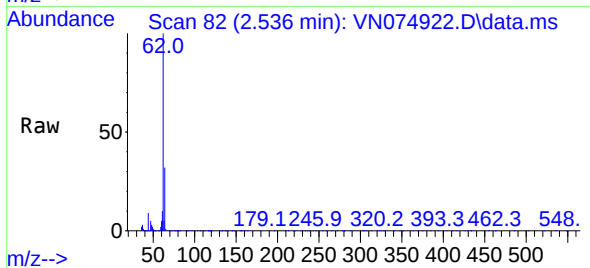
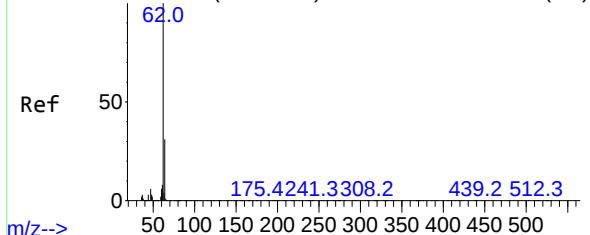


#3
Chloromethane
Concen: 0.650 ug/l
RT: 2.389 min Scan# 57
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 50 Resp: 16480
Ion Ratio Lower Upper
50 100
52 23.5 26.1 39.1#



Abundance Scan 81 (2.530 min): VN074913.D\data.ms (-69)



#4

Vinyl Chloride

Concen: 83.940 ug/l

RT: 2.536 min Scan# 81

Delta R.T. 0.006 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

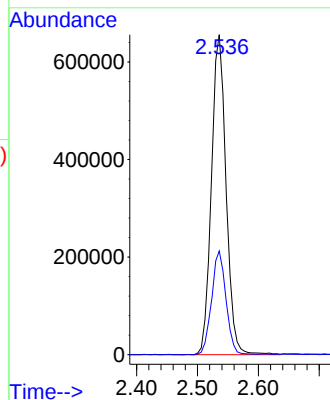
PT-VOA-WP

Tgt Ion: 62 Resp: 1095364

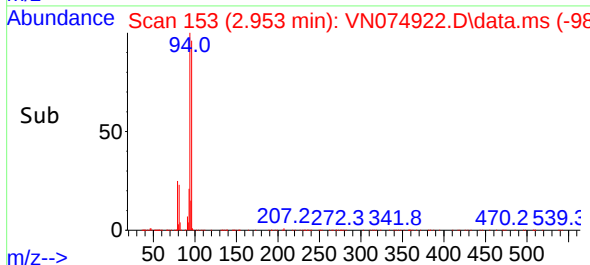
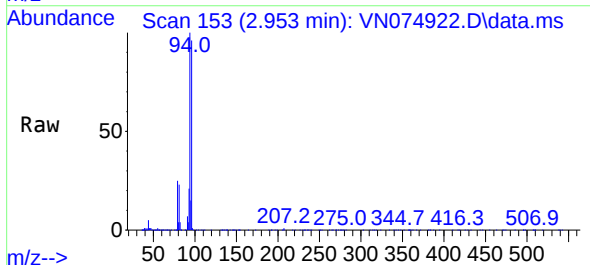
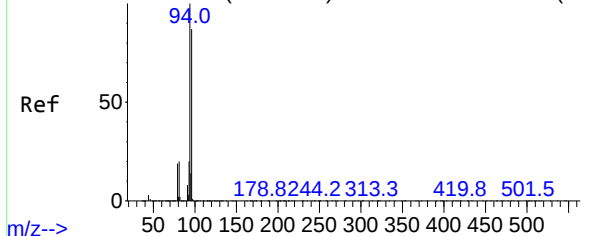
Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2



Abundance Scan 149 (2.930 min): VN074913.D\data.ms (-14)



#5

Bromomethane

Concen: 76.609 ug/l

RT: 2.953 min Scan# 153

Delta R.T. 0.023 min

Lab File: VN074922.D

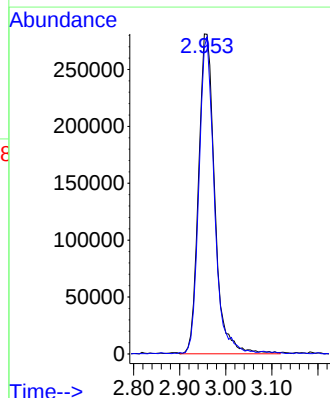
Acq: 17 Oct 2022 17:44

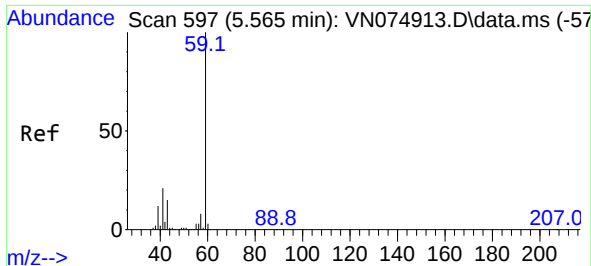
Tgt Ion: 94 Resp: 687840

Ion Ratio Lower Upper

94 100

96 95.7 70.0 105.0





#11

Tert butyl alcohol

Concen: 1.739 ug/l

RT: 5.541 min Scan# 59

Delta R.T. -0.024 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

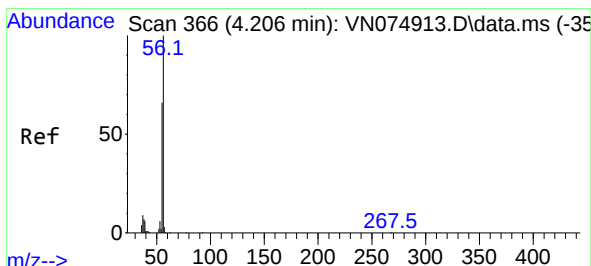
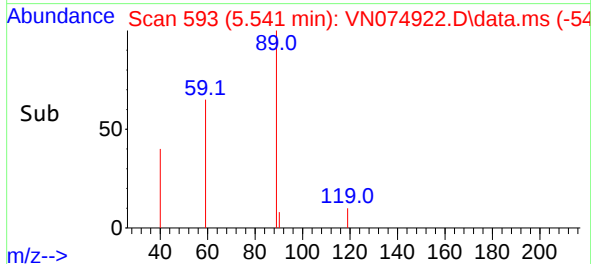
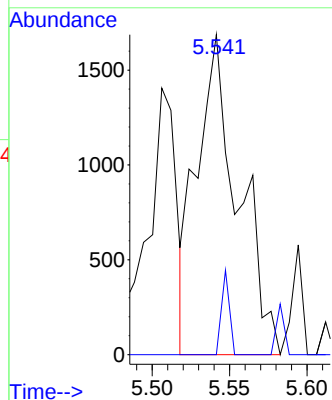
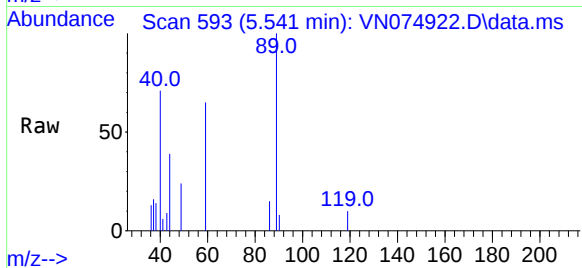
PT-VOA-WP

Tgt Ion: 59 Resp: 3140

Ion Ratio Lower Upper

59 100

57 5.0 7.8 11.8#



#13

Acrolein

Concen: 0.464 ug/l

RT: 4.194 min Scan# 364

Delta R.T. -0.012 min

Lab File: VN074922.D

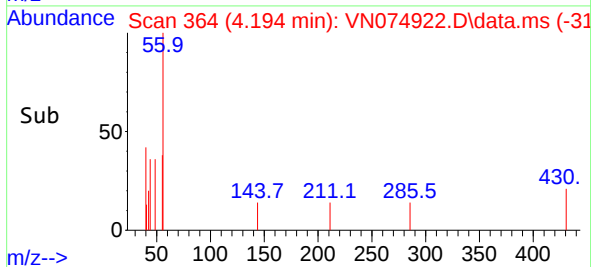
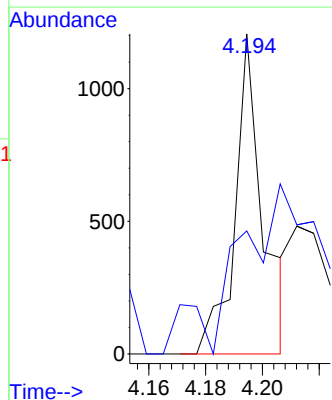
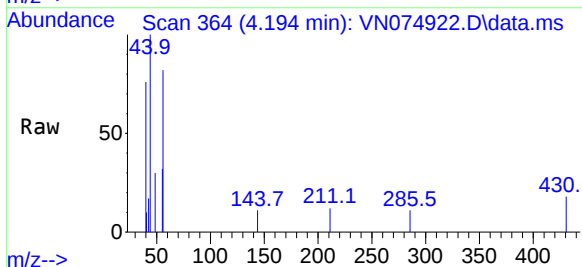
Acq: 17 Oct 2022 17:44

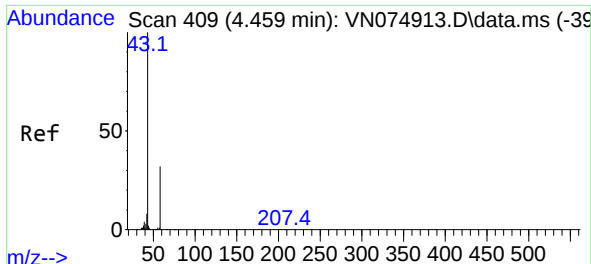
Tgt Ion: 56 Resp: 825

Ion Ratio Lower Upper

56 100

55 163.0 53.4 80.0#

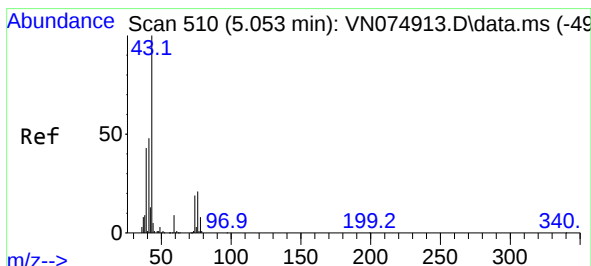
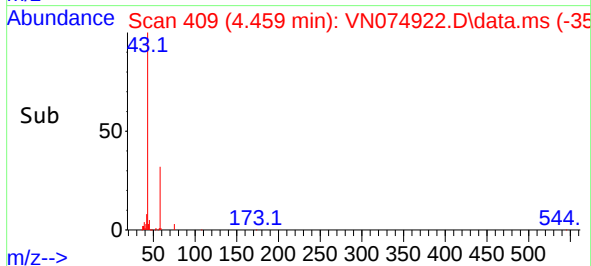
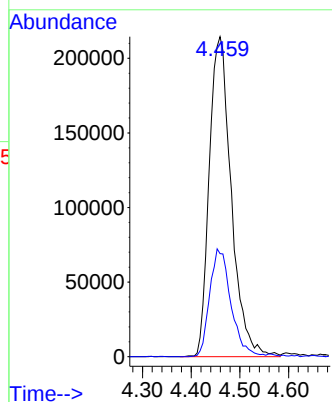
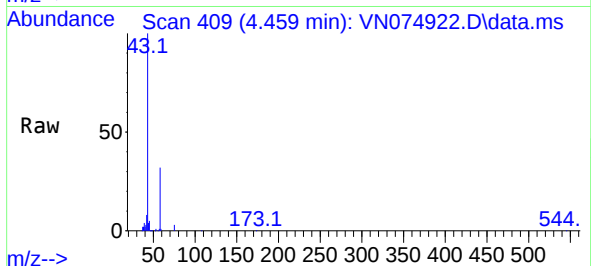




#16
Acetone
Concen: 172.215 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

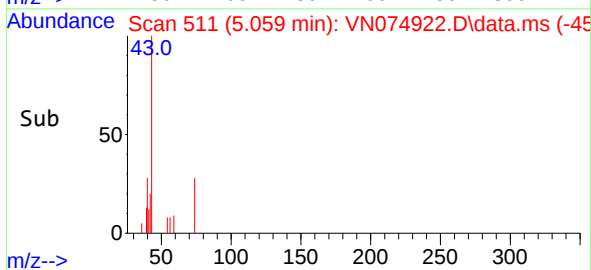
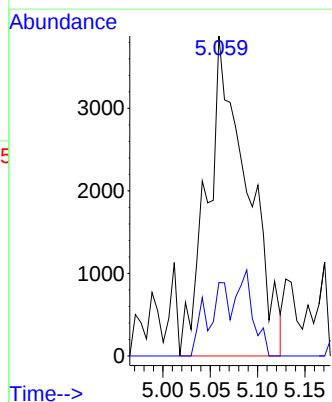
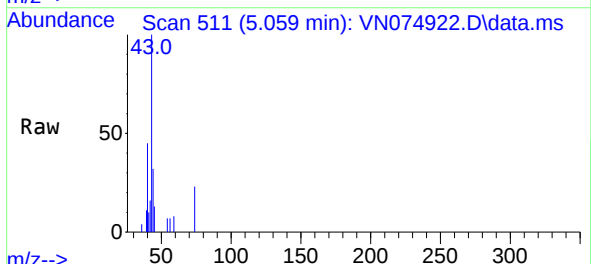
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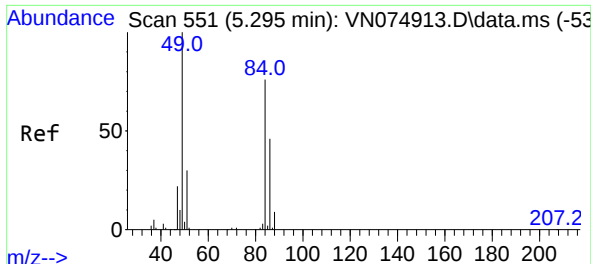
Tgt Ion: 43 Resp: 671809
Ion Ratio Lower Upper
43 100
58 32.2 25.8 38.8



#18
Methyl Acetate
Concen: 0.937 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 43 Resp: 11412
Ion Ratio Lower Upper
43 100
74 8.1 17.0 25.6#

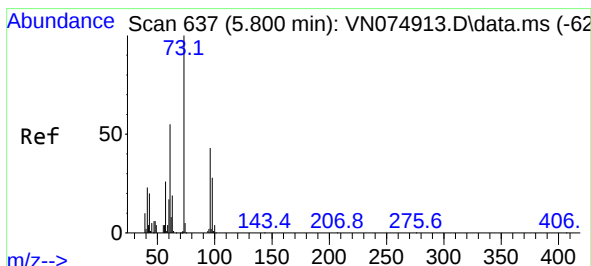
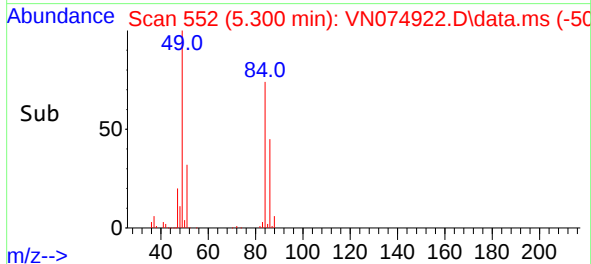
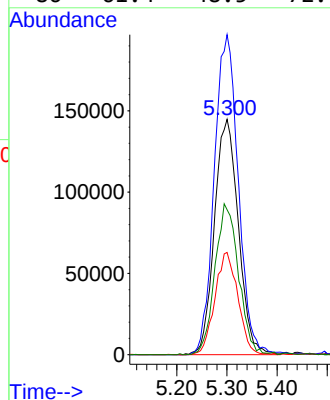
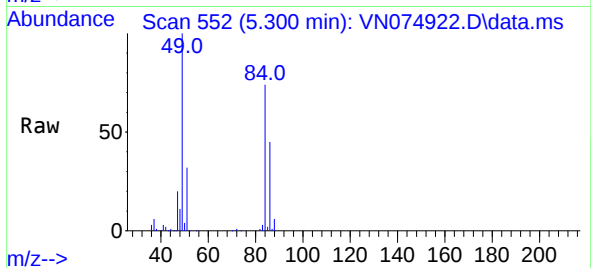




#20
Methylene Chloride
Concen: 70.306 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

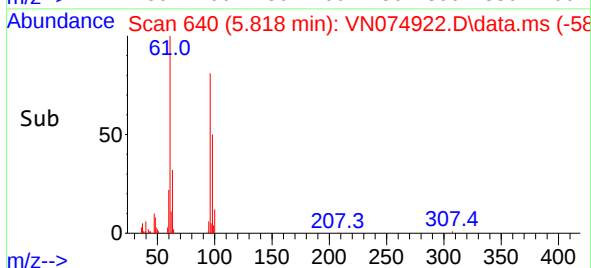
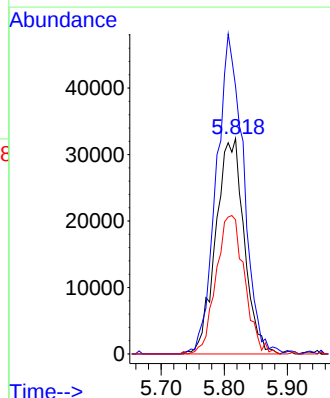
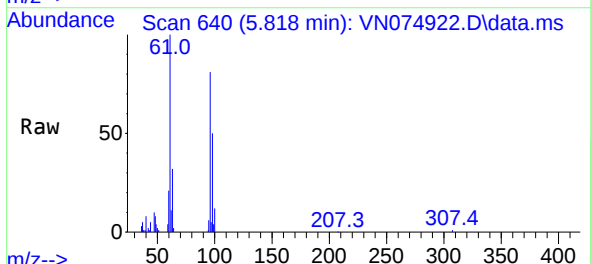
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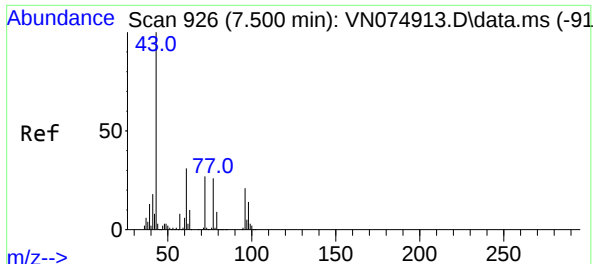
Tgt Ion: 84 Resp: 480520
Ion Ratio Lower Upper
84 100
49 136.0 104.6 156.8
51 43.4 31.8 47.8
86 61.4 48.5 72.7



#21
trans-1,2-Dichloroethene
Concen: 17.026 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.017 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 96 Resp: 100927
Ion Ratio Lower Upper
96 100
61 124.2 104.3 156.5
98 62.2 51.9 77.9

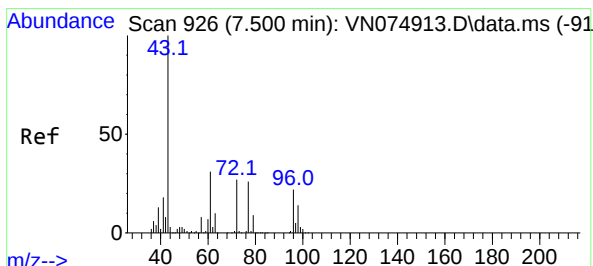
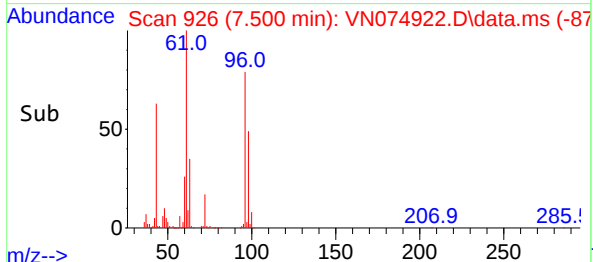
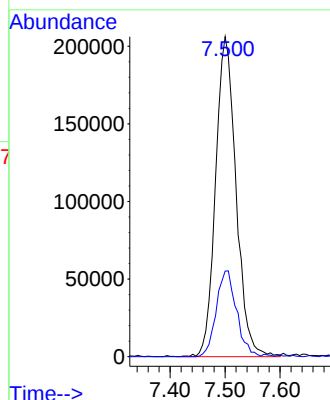
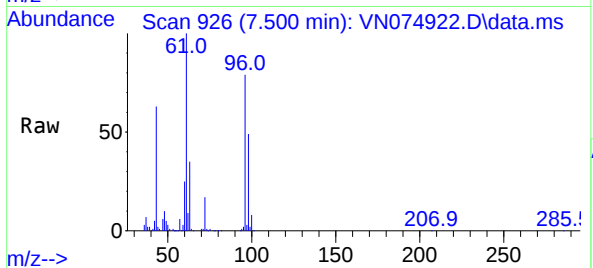




#25
2-Butanone
Concen: 82.151 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

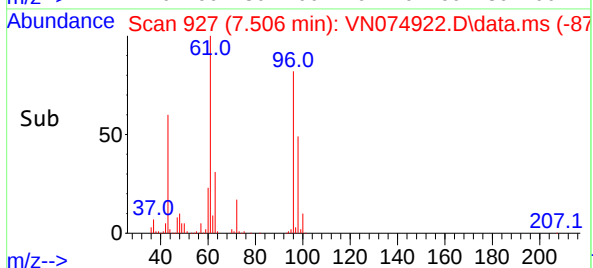
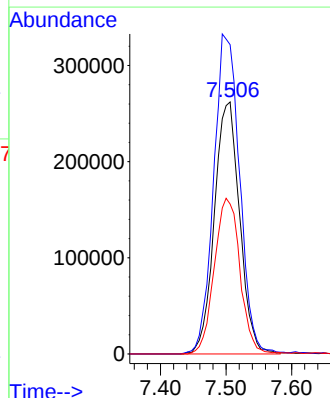
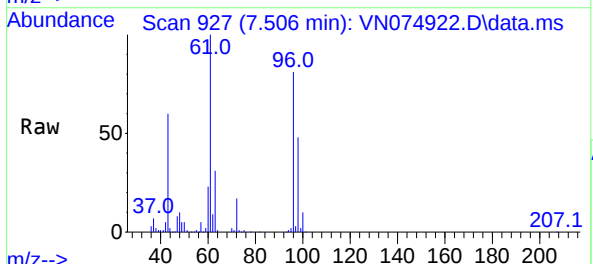
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MSVOA_N
ClientSampleId :
PT-VOA-WP

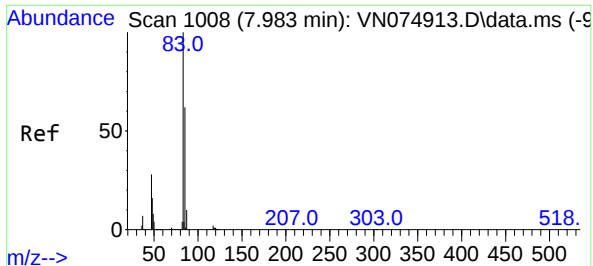
Tgt Ion: 43 Resp: 533647
Ion Ratio Lower Upper
43 100
72 26.8 21.3 31.9



#27
cis-1,2-Dichloroethene
Concen: 94.770 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 96 Resp: 700720
Ion Ratio Lower Upper
96 100
61 130.3 0.0 288.6
98 62.8 0.0 128.0





#30

Chloroform

Concen: 0.677 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.012 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

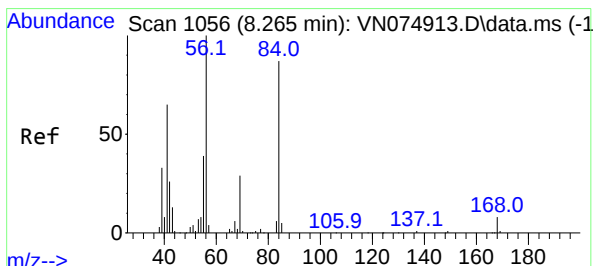
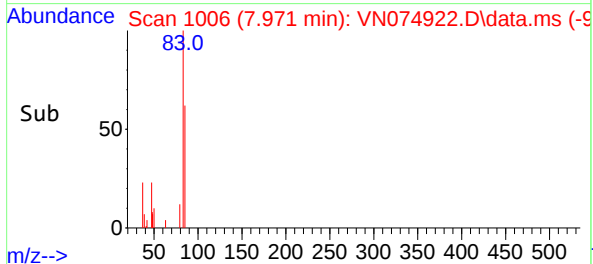
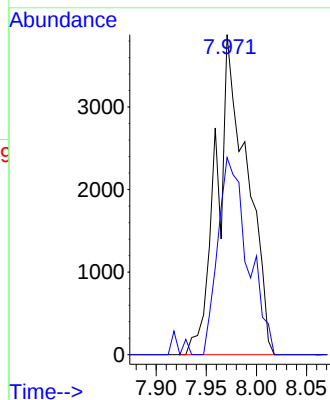
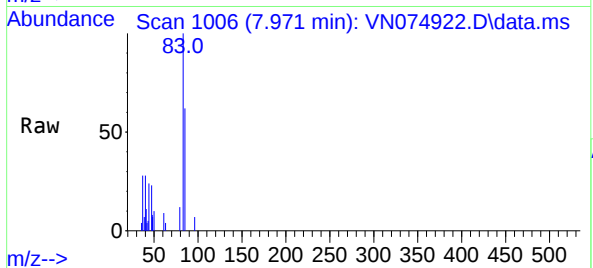
PT-VOA-WP

Tgt Ion: 83 Resp: 8219

Ion Ratio Lower Upper

83 100

85 61.6 49.4 74.0



#31

Cyclohexane

Concen: 0.952 ug/l

RT: 8.241 min Scan# 1052

Delta R.T. -0.024 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

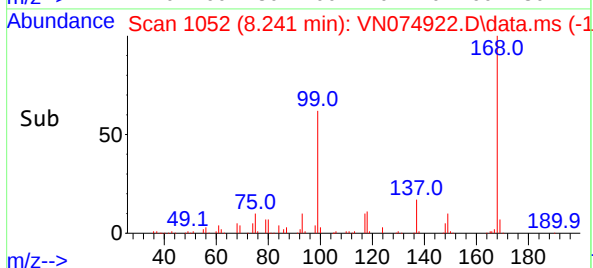
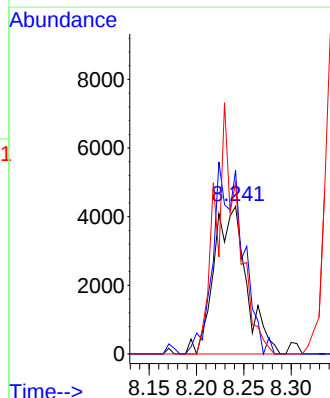
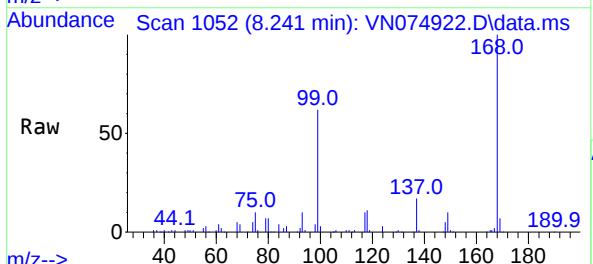
Tgt Ion: 56 Resp: 10213

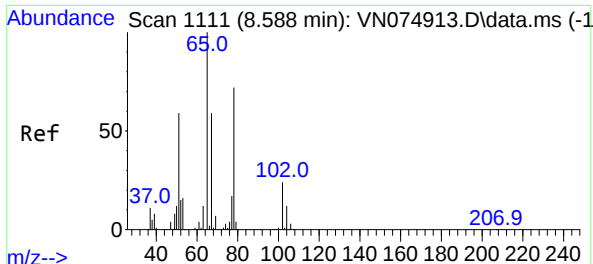
Ion Ratio Lower Upper

56 100

69 124.3 23.4 35.0#

84 116.0 69.9 104.9#

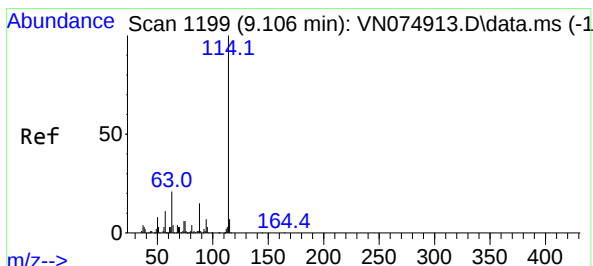
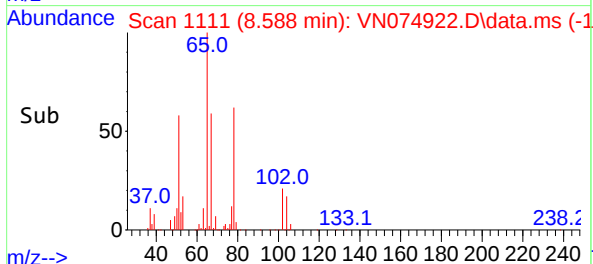
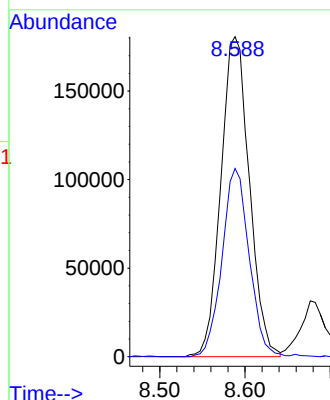
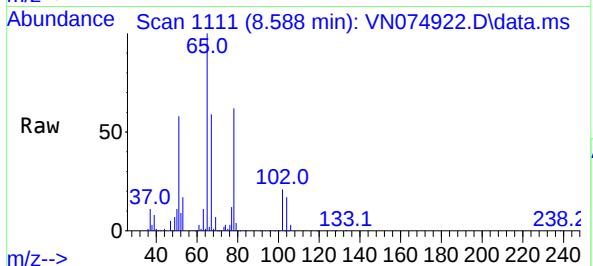




#33
1,2-Dichloroethane-d4
Concen: 50.636 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

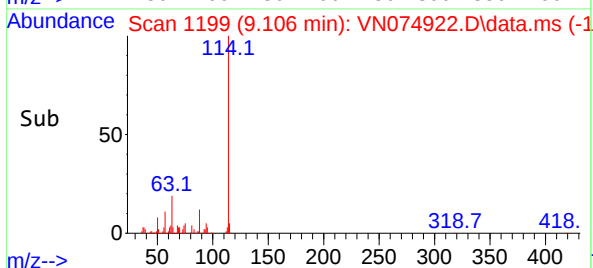
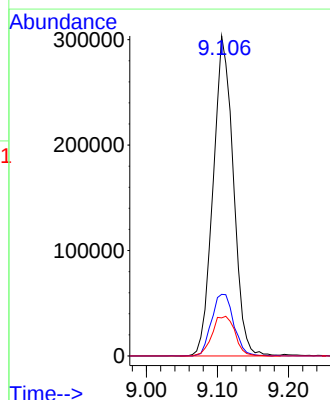
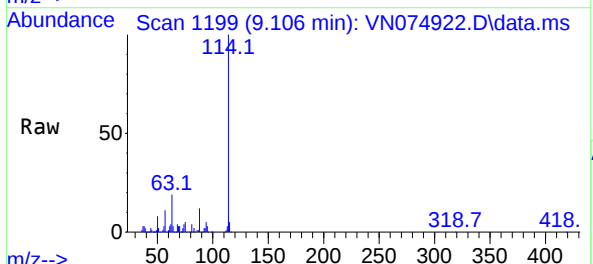
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

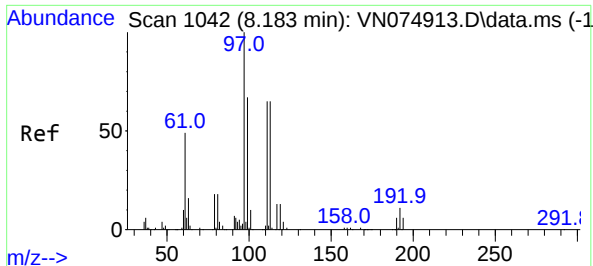
Tgt Ion: 65 Resp: 420150
Ion Ratio Lower Upper
65 100
67 55.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 114 Resp: 598601
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.2
88 11.9 0.0 30.2

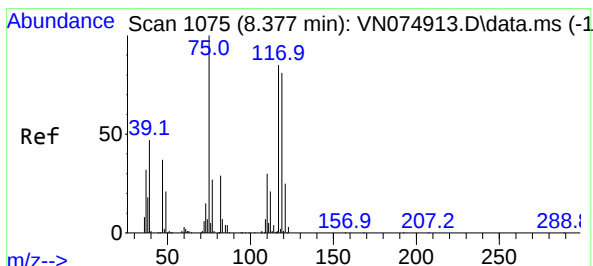
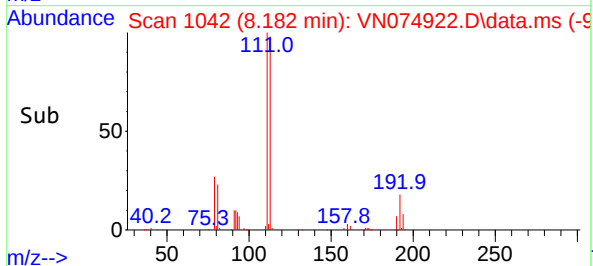
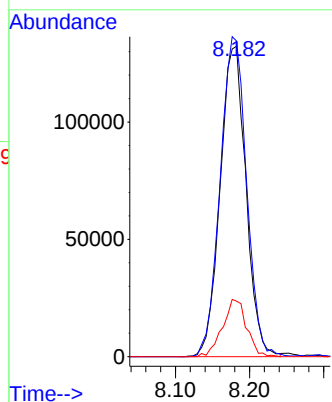
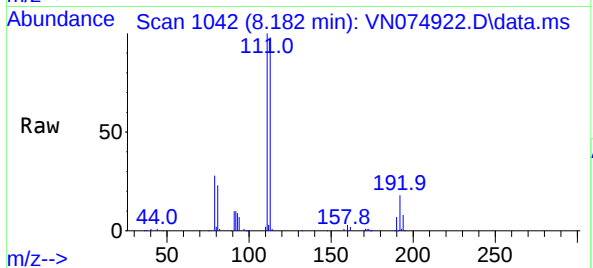




#35
Dibromofluoromethane
Concen: 47.491 ug/l
RT: 8.182 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

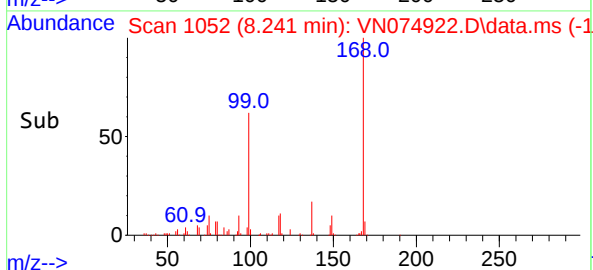
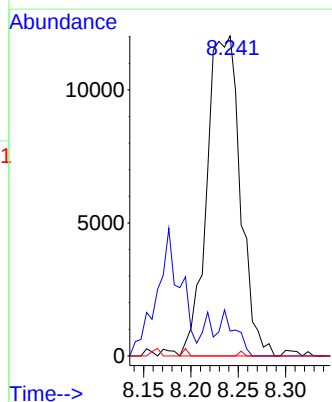
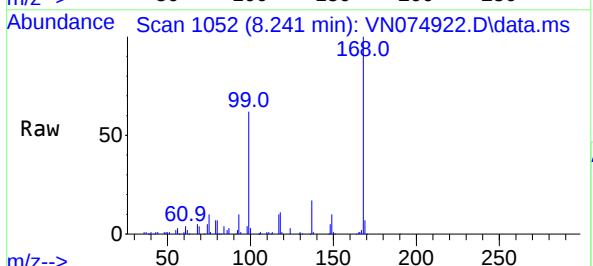
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

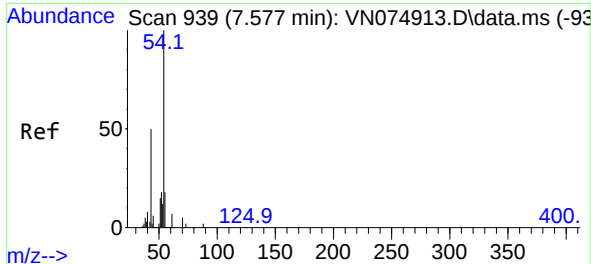
Tgt Ion:113 Resp: 319628
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 17.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 3.334 ug/l
RT: 8.241 min Scan# 1052
Delta R.T. -0.135 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 75 Resp: 29467
Ion Ratio Lower Upper
75 100
110 5.7 16.1 48.3#
77 0.0 23.3 34.9#





#37

Ethyl Acetate

Concen: 41.798 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.077 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

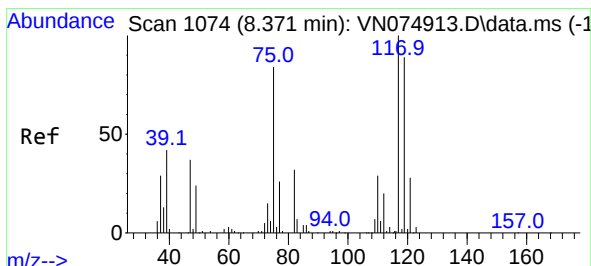
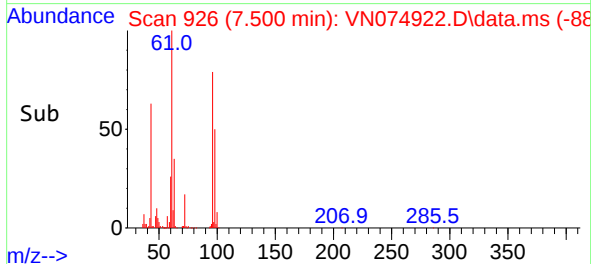
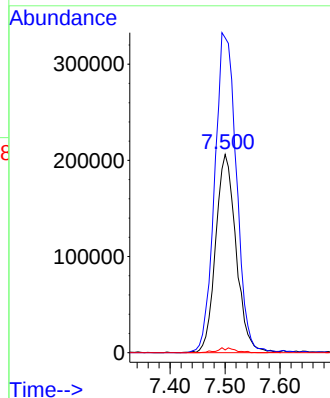
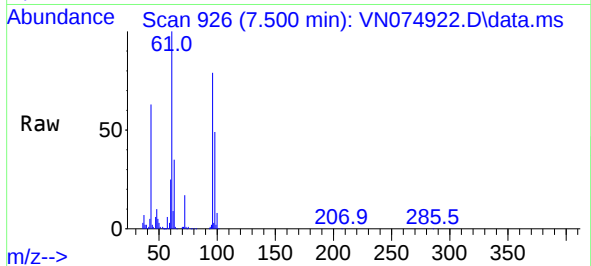
Tgt Ion: 43 Resp: 533647

Ion Ratio Lower Upper

43 100

61 171.2 9.9 14.9#

70 1.1 6.8 10.2#



#38

Carbon Tetrachloride

Concen: 98.626 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

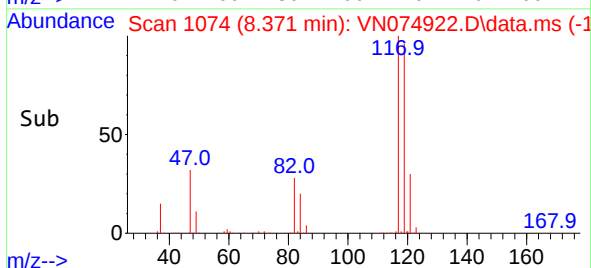
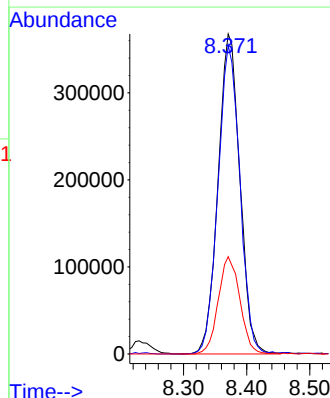
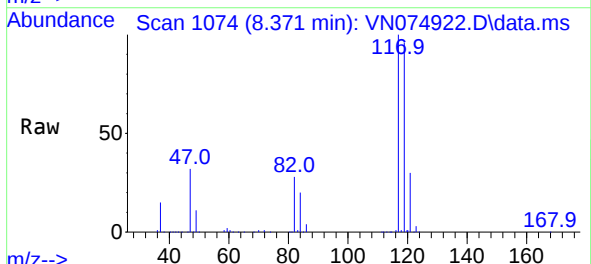
Tgt Ion: 117 Resp: 882226

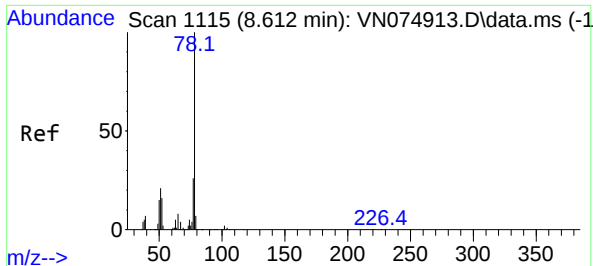
Ion Ratio Lower Upper

117 100

119 96.4 71.0 106.6

121 30.4 22.2 33.4

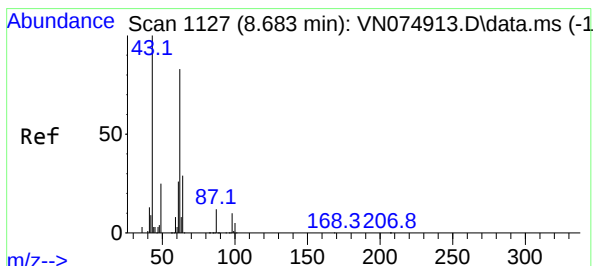
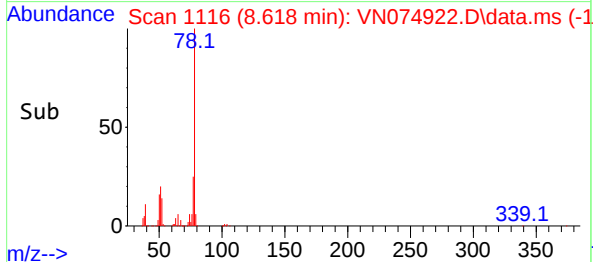
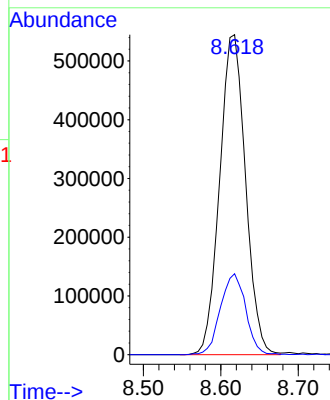
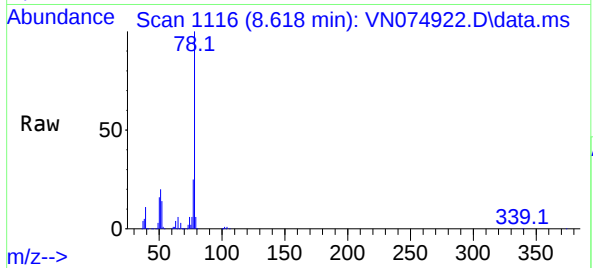




#40
Benzene
Concen: 43.347 ug/l
RT: 8.618 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

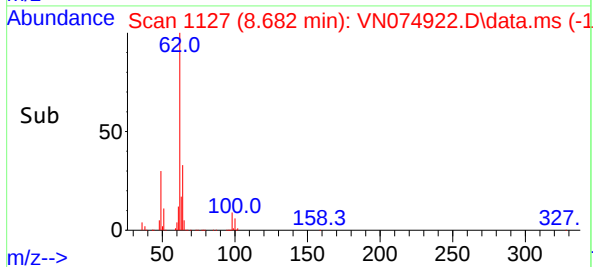
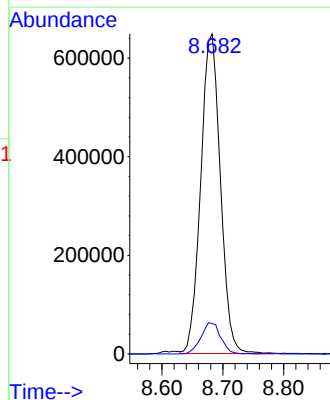
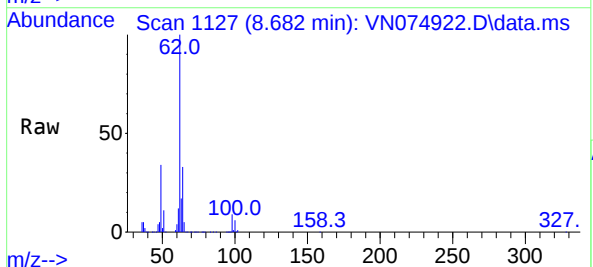
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

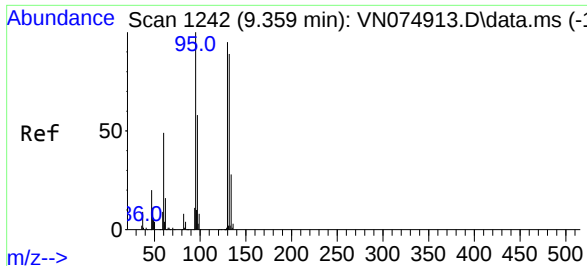
Tgt Ion: 78 Resp: 1265161
Ion Ratio Lower Upper
78 100
77 25.3 20.5 30.7



#42
1,2-Dichloroethane
Concen: 143.624 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 62 Resp: 1450568
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.0

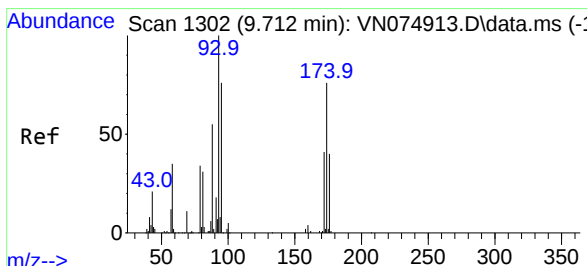
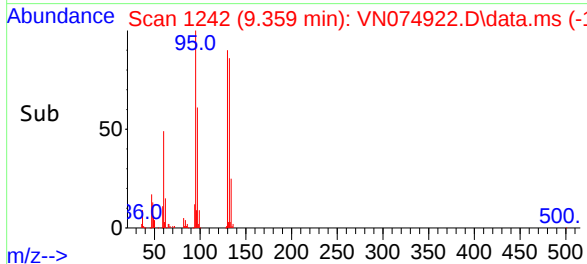
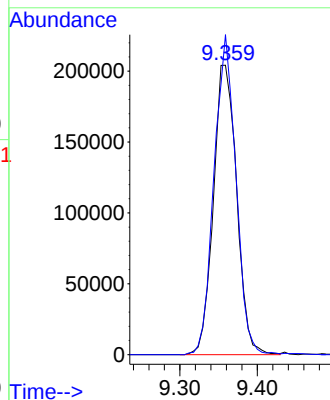
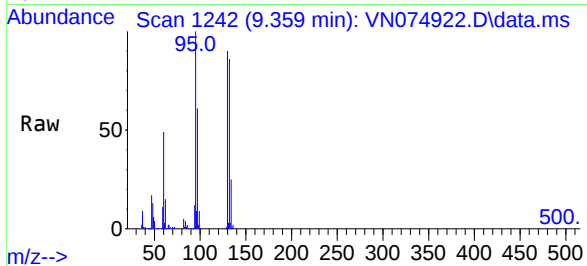




#44
Trichloroethene
Concen: 68.526 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

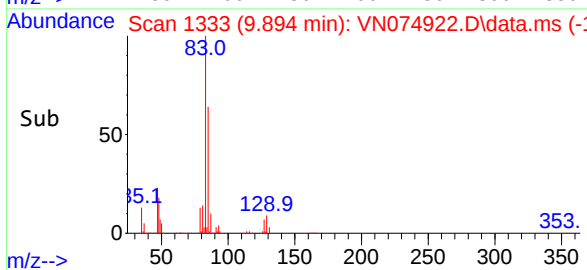
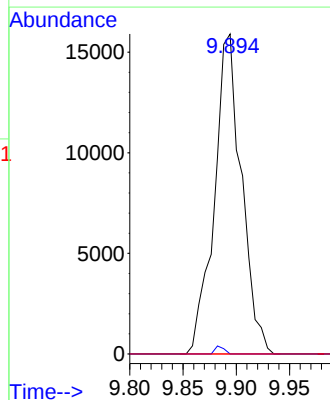
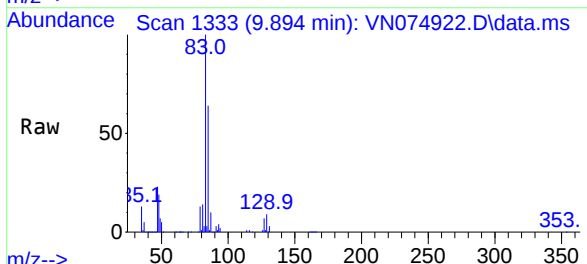
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

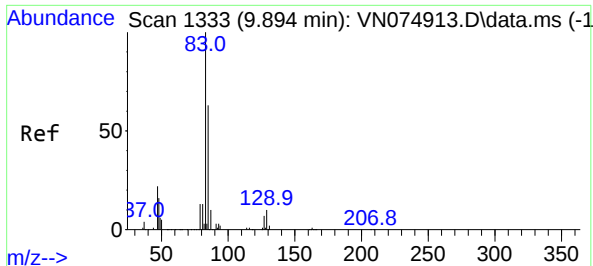
Tgt Ion:130 Resp: 427251
Ion Ratio Lower Upper
130 100
95 110.5 0.0 210.4



#46
Dibromomethane
Concen: 5.458 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.182 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 93 Resp: 28251
Ion Ratio Lower Upper
93 100
95 0.8 66.0 99.0#
174 0.0 65.1 97.7#

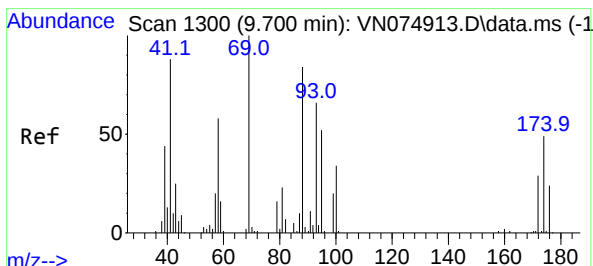
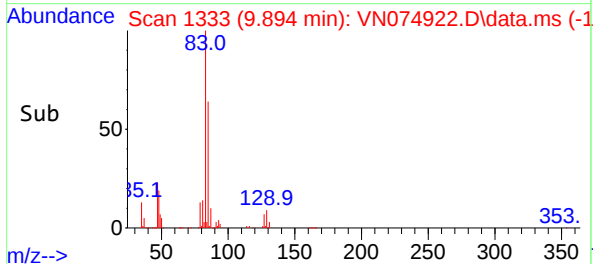
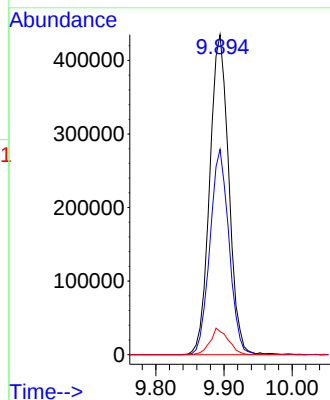
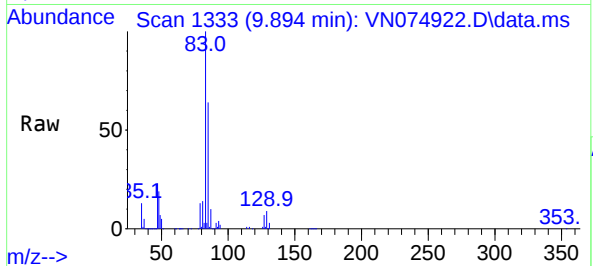




#47
Bromodichloromethane
Concen: 87.297 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

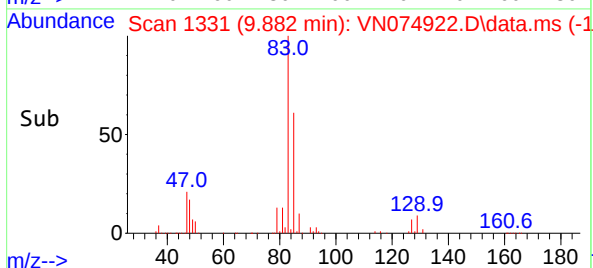
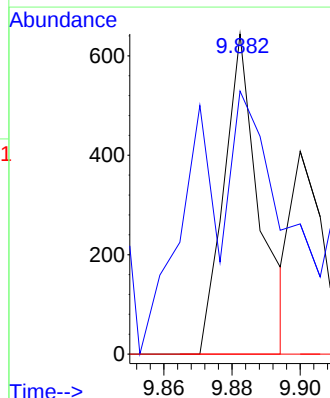
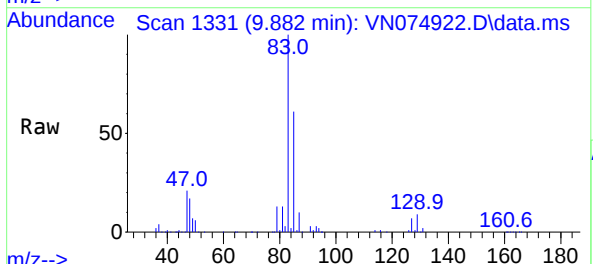
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

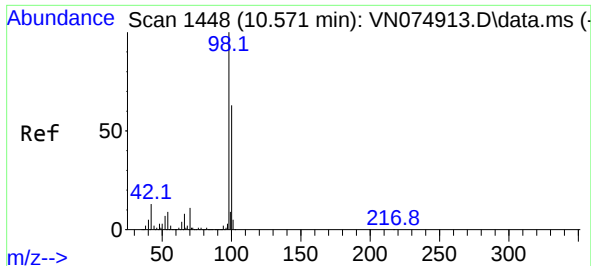
Tgt Ion: 83 Resp: 845894
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.2
127 7.2 5.8 8.6



#49
1,4-Dioxane
Concen: 2.577 ug/l
RT: 9.882 min Scan# 1331
Delta R.T. 0.182 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 88 Resp: 471
Ion Ratio Lower Upper
88 100
43 122.3 19.4 29.2#
58 0.0 56.9 85.3#

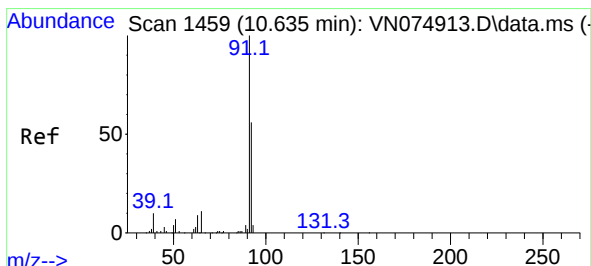
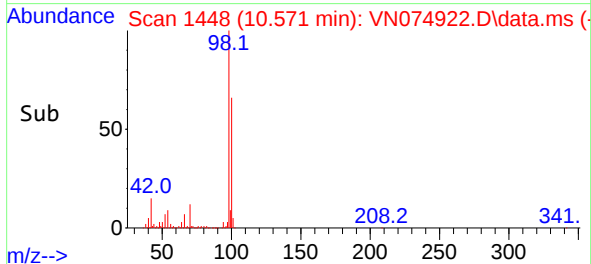
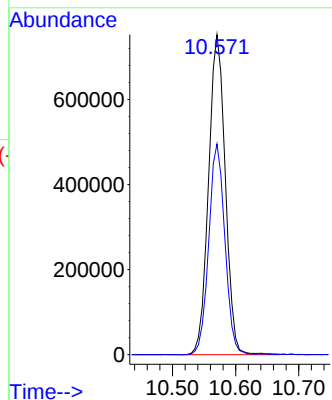
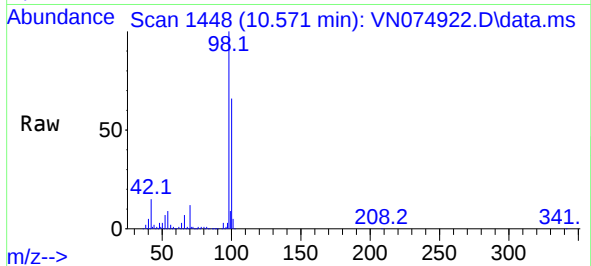




#50
Toluene-d8
Concen: 49.680 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

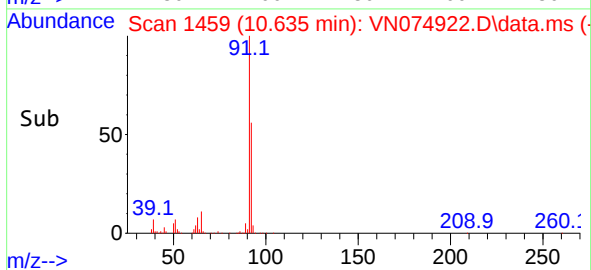
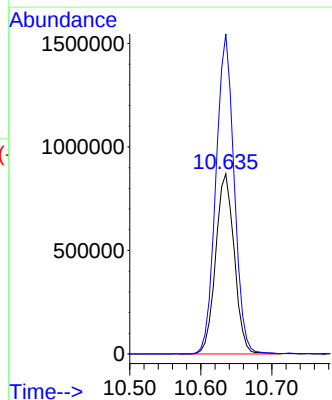
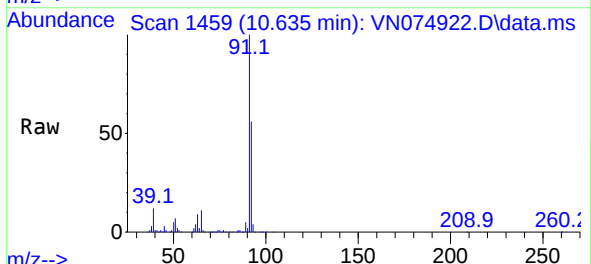
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

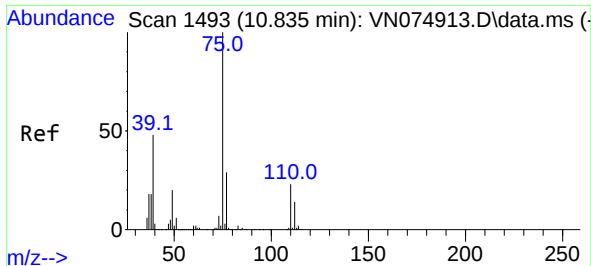
Tgt Ion: 98 Resp: 1386515
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#52
Toluene
Concen: 88.202 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 92 Resp: 1576679
Ion Ratio Lower Upper
92 100
91 174.4 141.0 211.6

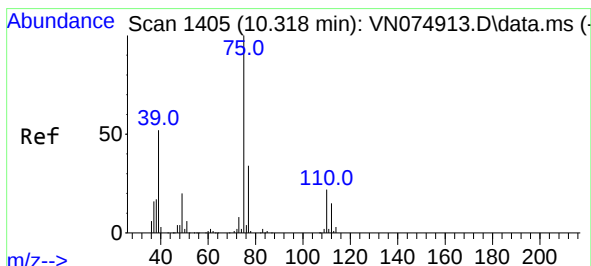
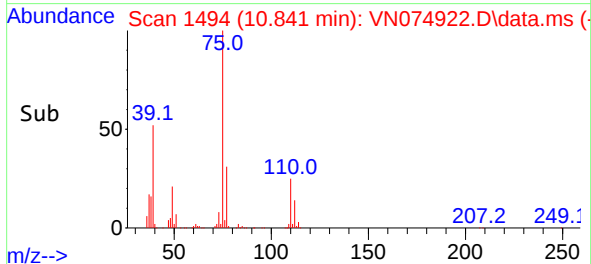
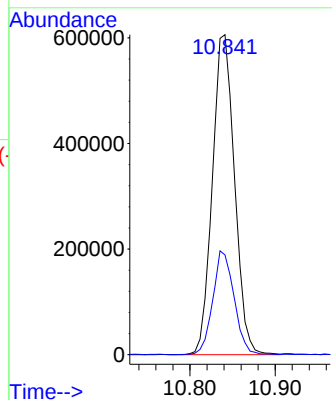
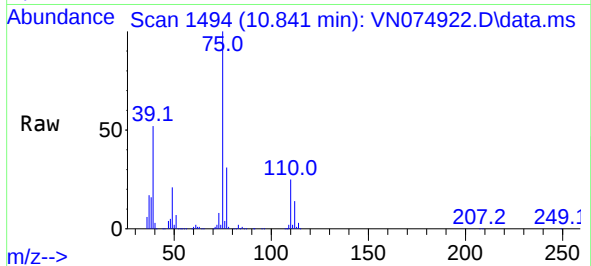




#53
t-1,3-Dichloropropene
Concen: 100.208 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

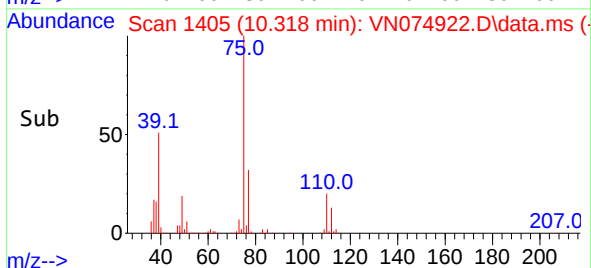
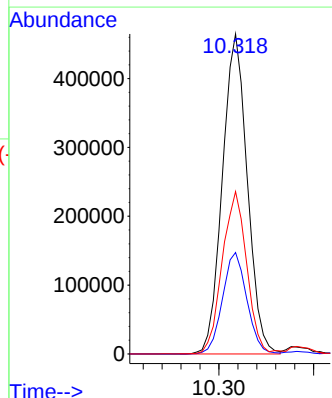
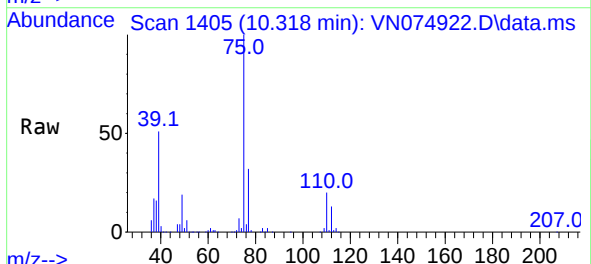
Instrument :
MSVOA_N
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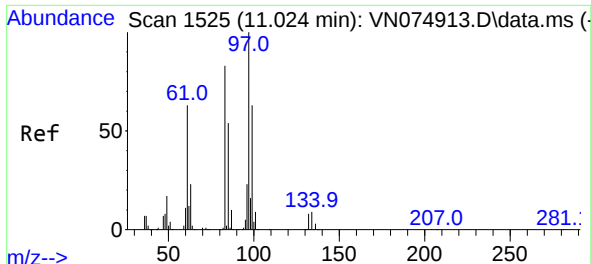
Tgt Ion: 75 Resp: 1098517
Ion Ratio Lower Upper
75 100
77 31.1 23.4 35.0



#54
cis-1,3-Dichloropropene
Concen: 71.684 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 75 Resp: 848887
Ion Ratio Lower Upper
75 100
77 31.7 27.6 41.4
39 50.7 41.6 62.4



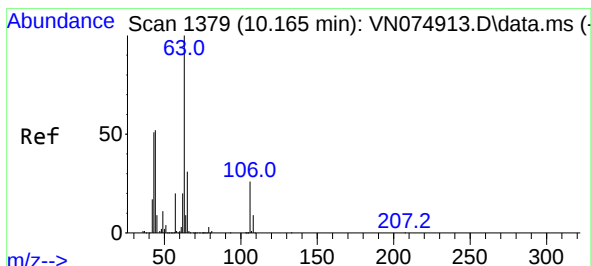
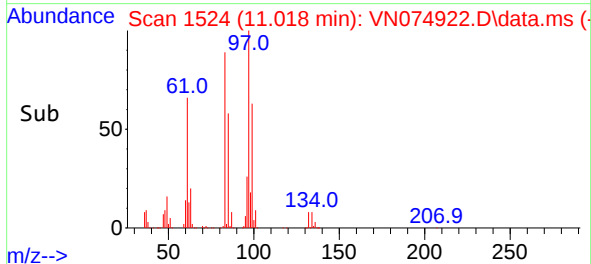
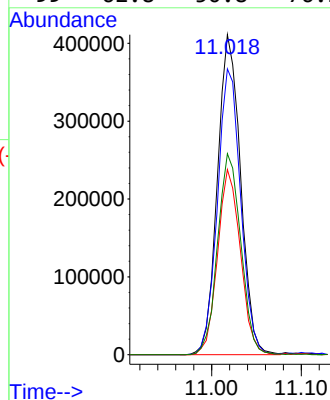
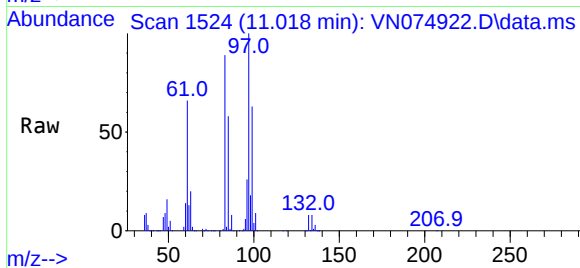


#55
1,1,2-Trichloroethane
Concen: 97.561 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tgt Ion: 97 Resp: 735802

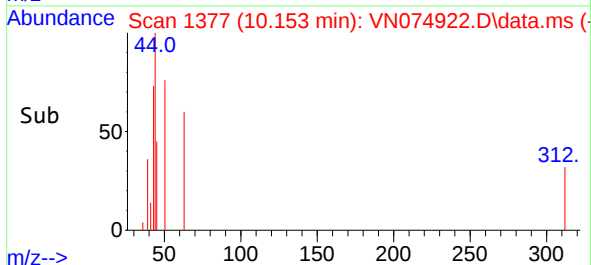
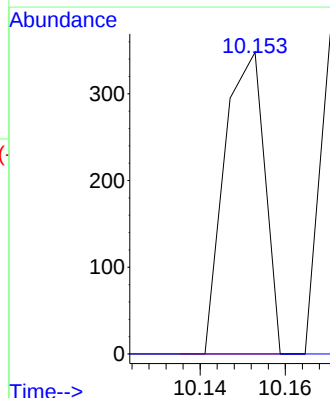
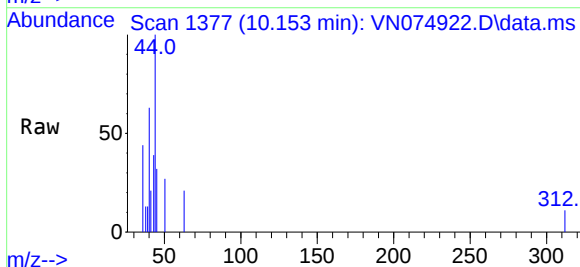
Ion	Ratio	Lower	Upper
97	100		
83	89.3	66.6	100.0
85	57.9	43.0	64.4
99	62.8	50.8	76.2

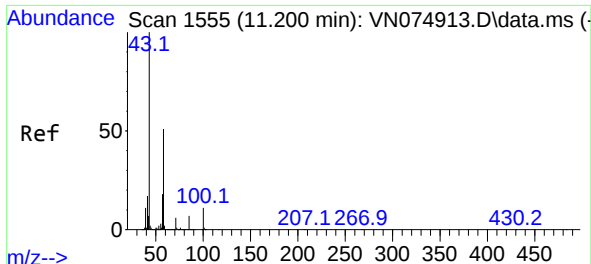


#58
2-Chloroethyl Vinyl ether
Concen: 9.402 ug/l
RT: 10.153 min Scan# 1377
Delta R.T. -0.012 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 63 Resp: 227

Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.8	31.2#

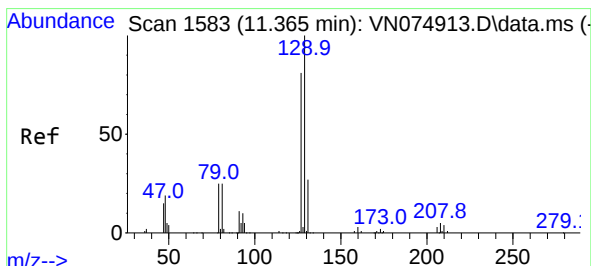
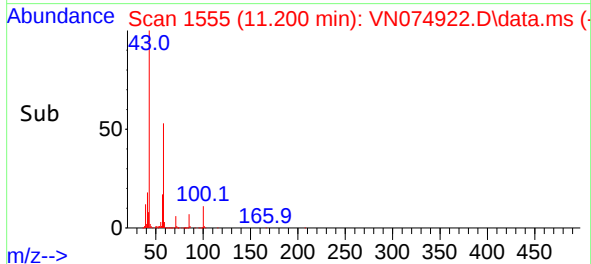
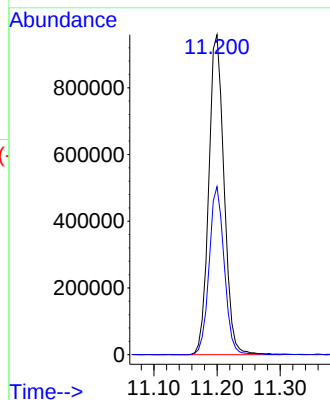
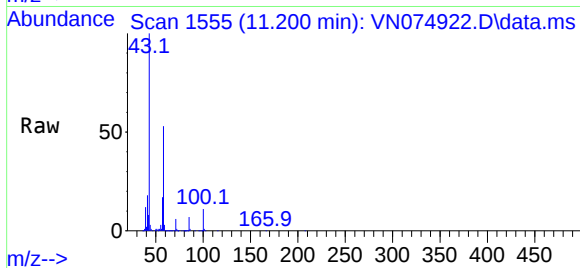




#59
2-Hexanone
Concen: 157.604 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

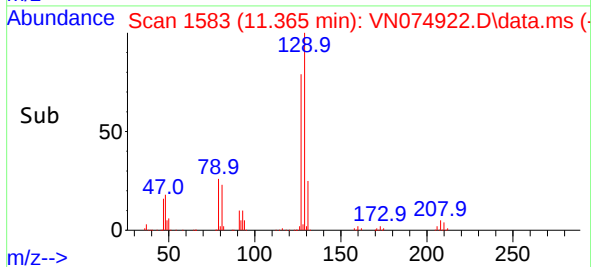
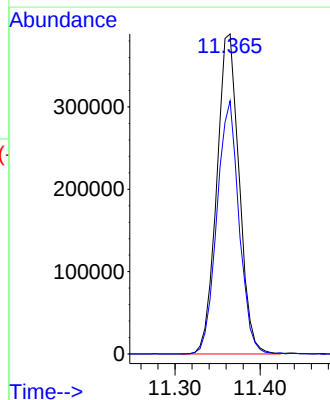
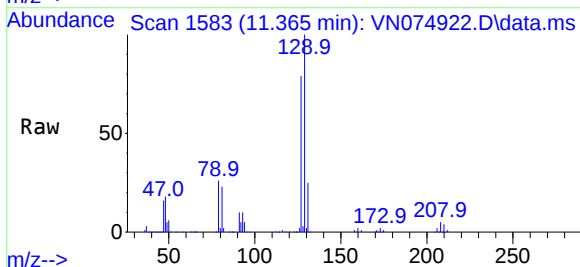
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

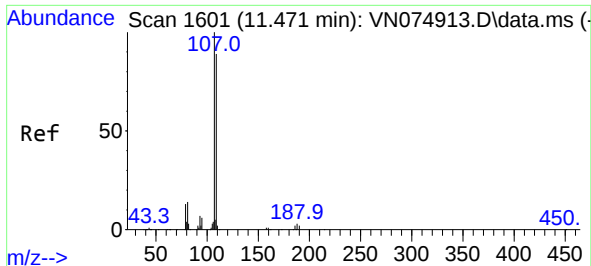
Tgt Ion: 43 Resp: 1617170
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9



#60
Dibromochloromethane
Concen: 99.466 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 129 Resp: 709953
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2

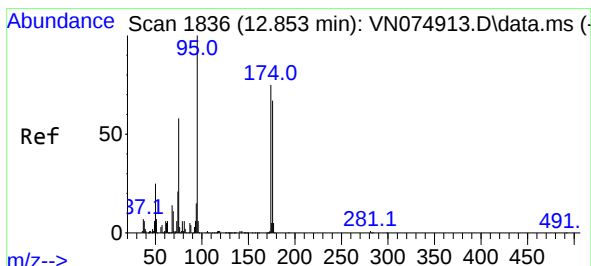
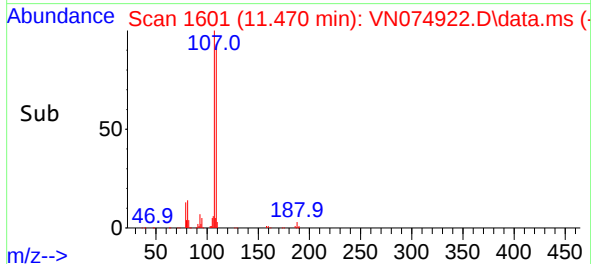
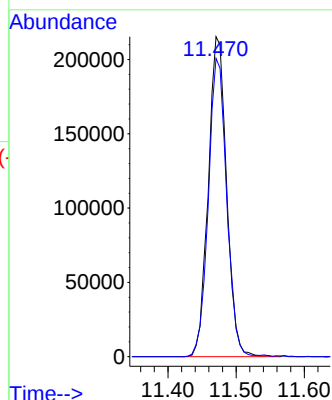
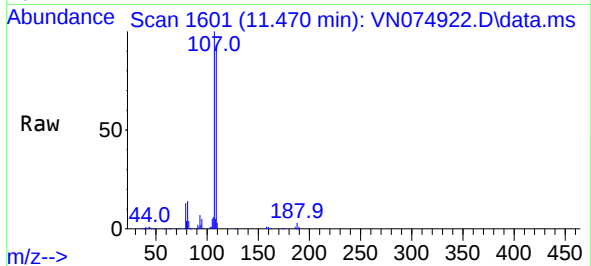




#61
1,2-Dibromoethane
Concen: 54.348 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

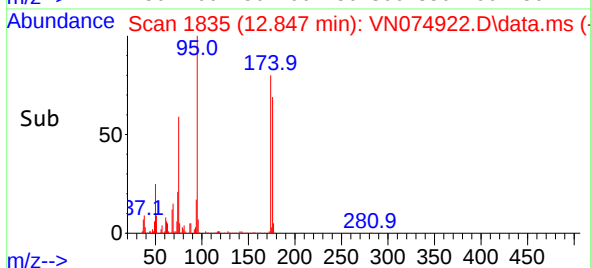
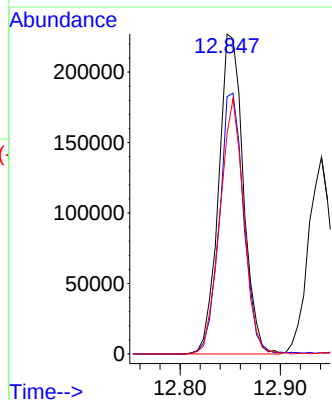
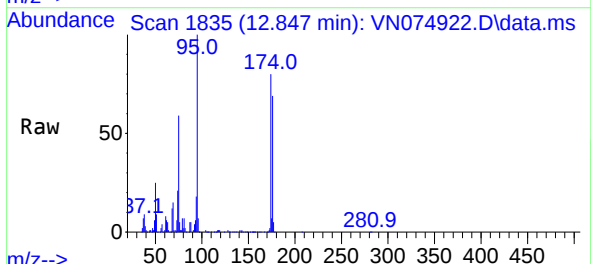
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

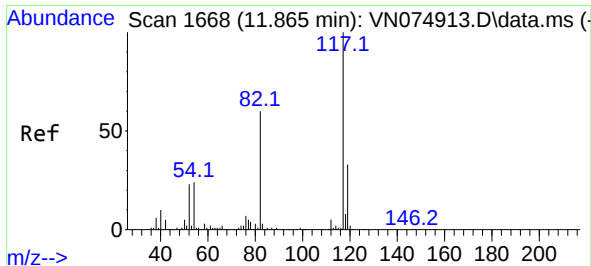
Tgt Ion:107 Resp: 402633
Ion Ratio Lower Upper
107 100
109 93.2 77.6 116.4



#62
4-Bromofluorobenzene
Concen: 47.791 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 95 Resp: 387502
Ion Ratio Lower Upper
95 100
174 80.5 0.0 157.8
176 77.0 0.0 148.0

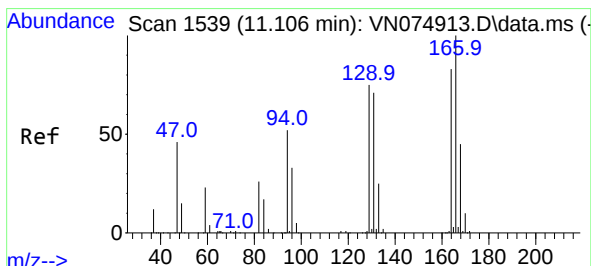
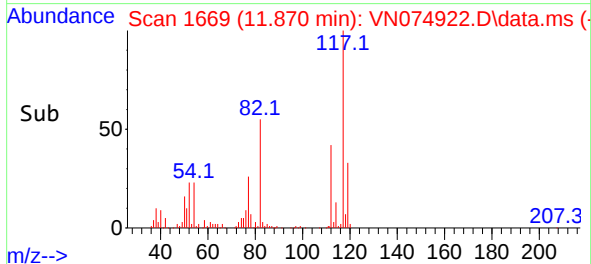
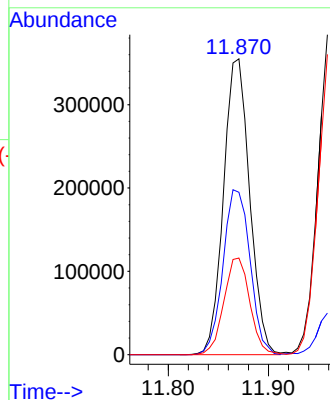
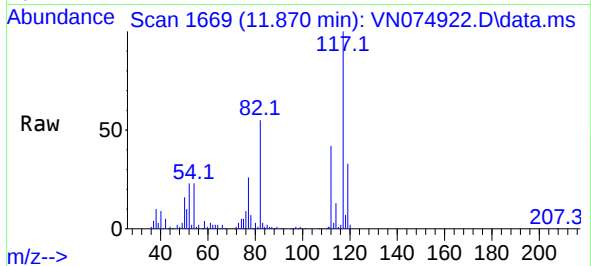




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

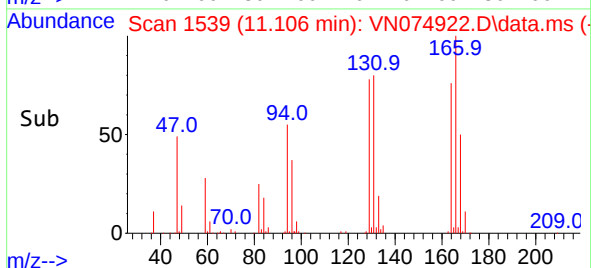
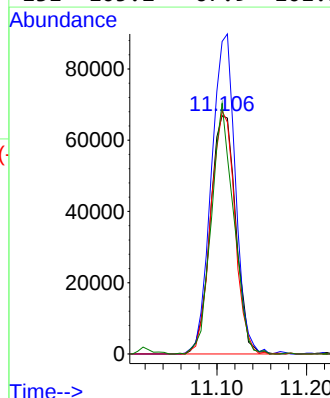
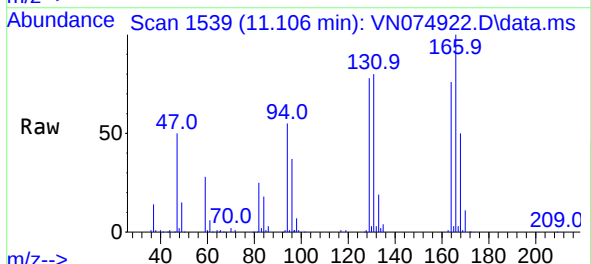
Instrument :
MSVOA_N
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PT-VOA-WP

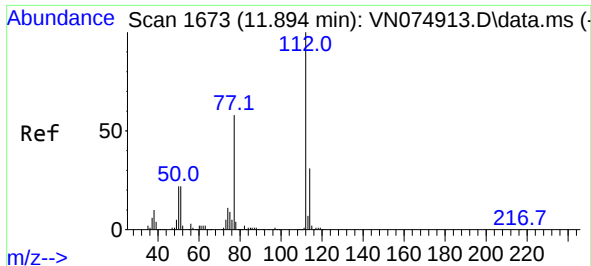
Tgt Ion:117 Resp: 644161
Ion Ratio Lower Upper
117 100
82 54.9 48.0 72.0
119 32.7 26.1 39.1



#64
Tetrachloroethene
Concen: 27.636 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion:164 Resp: 131681
Ion Ratio Lower Upper
164 100
166 131.2 95.8 143.8
129 102.1 72.0 108.0
131 105.2 67.9 101.9#

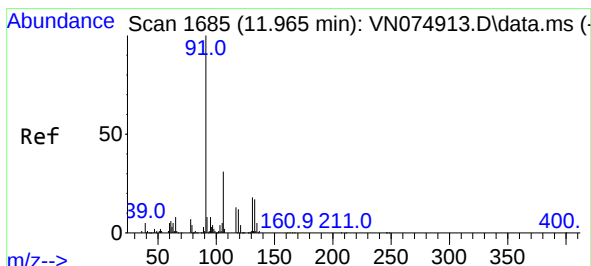
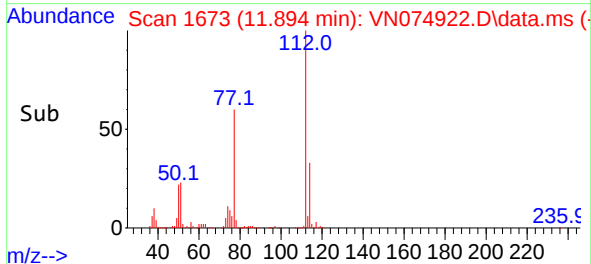
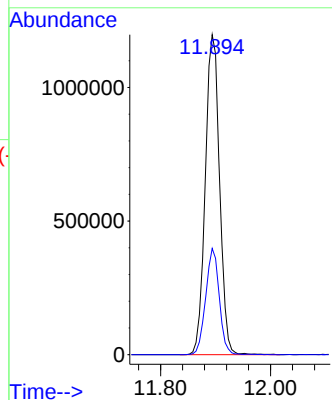
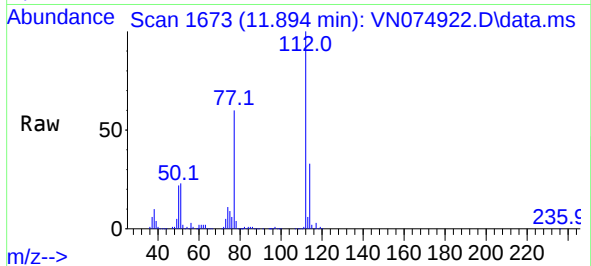




#65
Chlorobenzene
Concen: 116.753 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

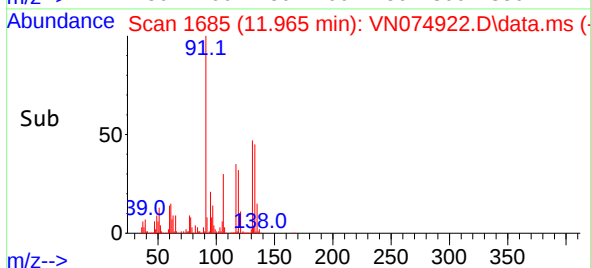
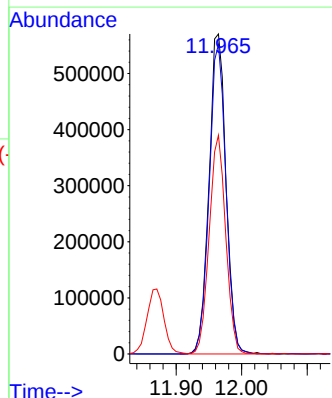
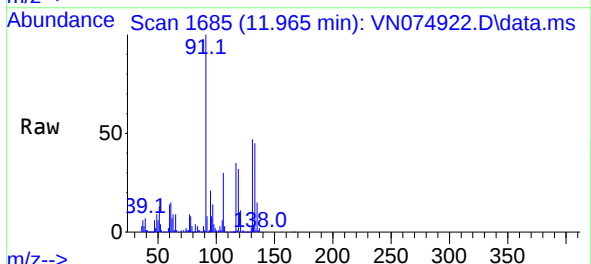
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

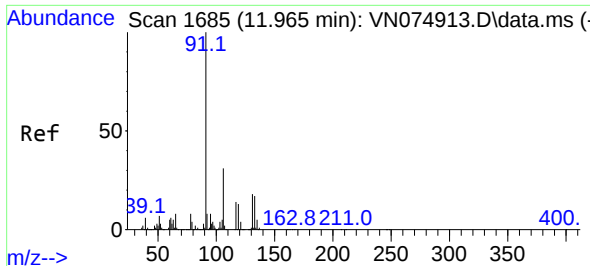
Tgt Ion:112 Resp: 2159723
Ion Ratio Lower Upper
112 100
114 33.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 156.690 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion:131 Resp: 1028492
Ion Ratio Lower Upper
131 100
133 95.1 46.1 138.3
119 66.2 32.6 97.8

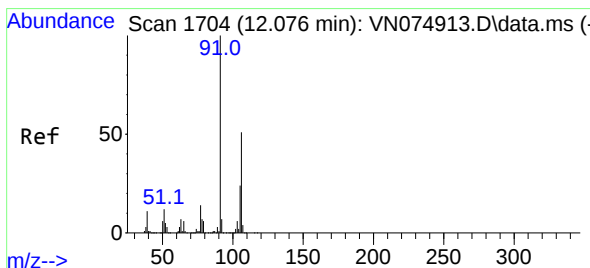
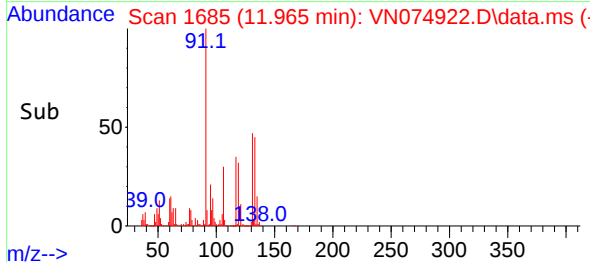
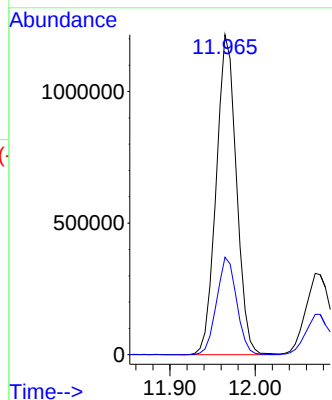
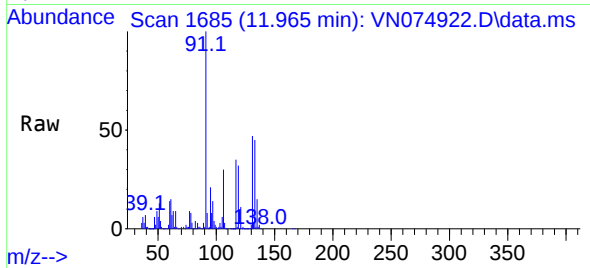




#67
Ethyl Benzene
Concen: 59.524 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

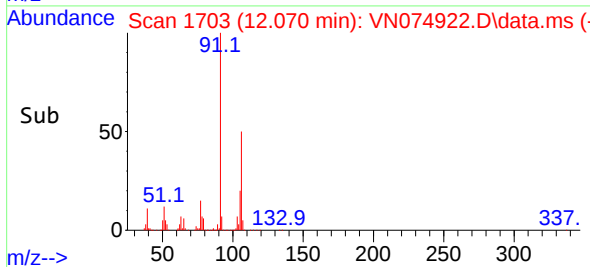
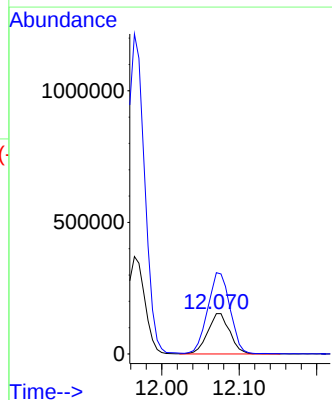
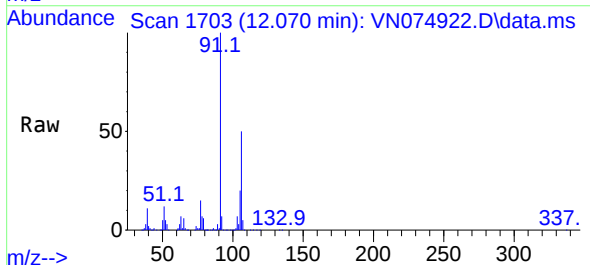
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

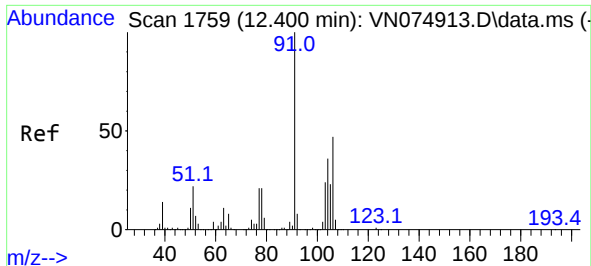
Tgt Ion: 91 Resp: 2002204
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 24.016 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 106 Resp: 301817
Ion Ratio Lower Upper
106 100
91 204.0 160.6 240.8

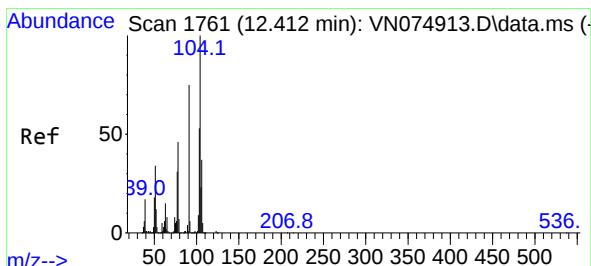
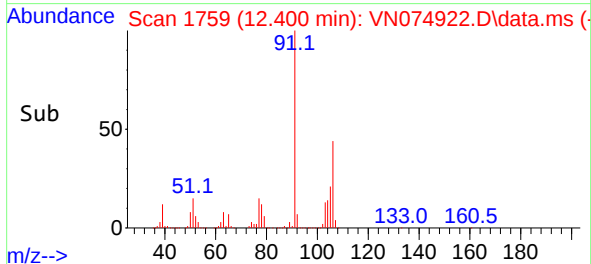
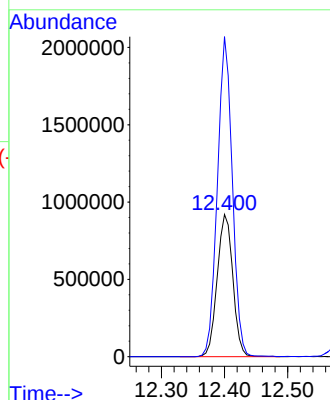
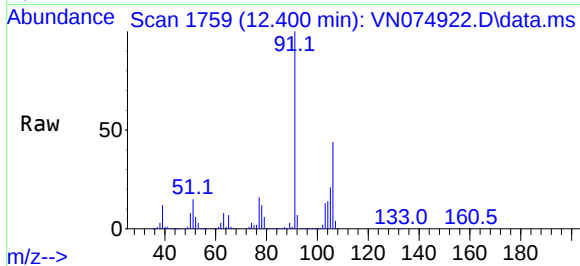




#69
o-Xylene
Concen: 123.951 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

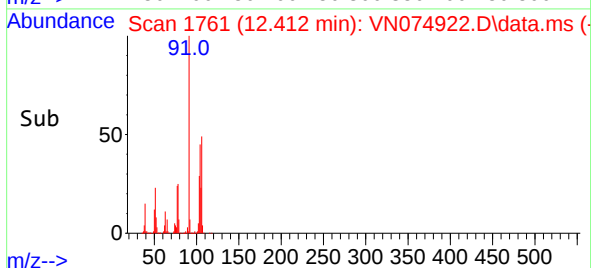
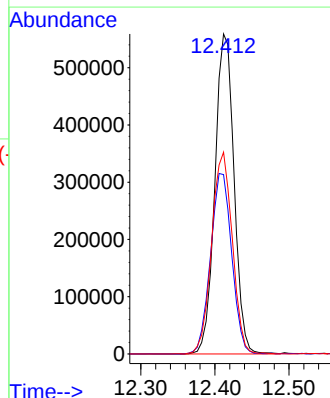
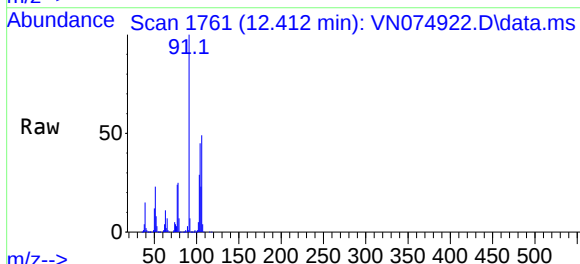
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

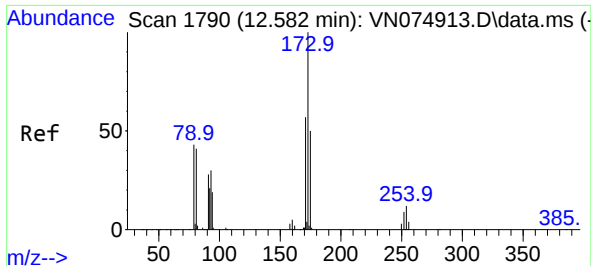
Tgt Ion:106 Resp: 1582110
Ion Ratio Lower Upper
106 100
91 214.9 105.9 317.7



#70
Styrene
Concen: 50.041 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion:104 Resp: 1004195
Ion Ratio Lower Upper
104 100
78 62.3 38.8 58.2#
103 68.0 45.0 67.4#

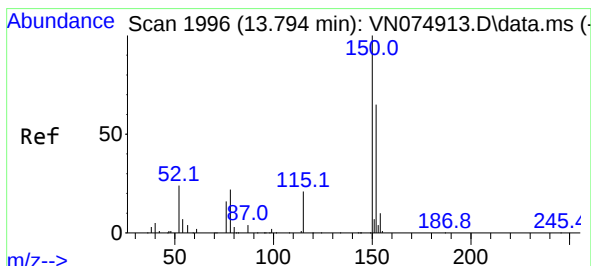
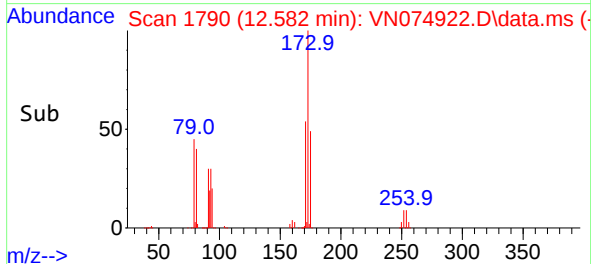
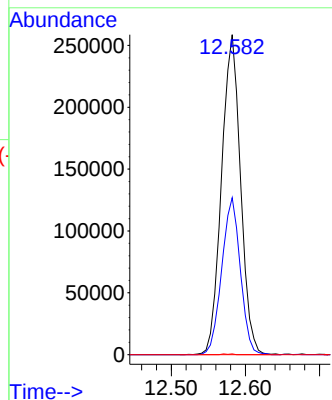
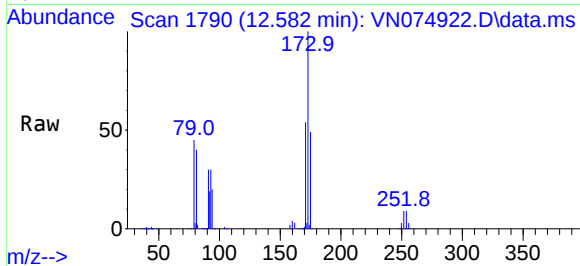




#71
Bromoform
Concen: 95.413 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

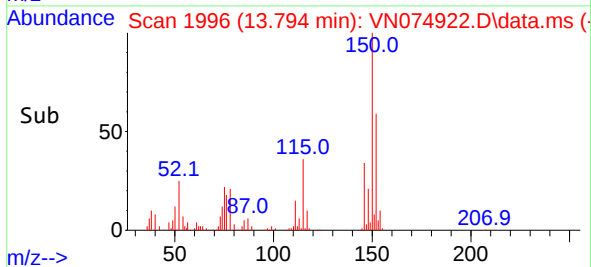
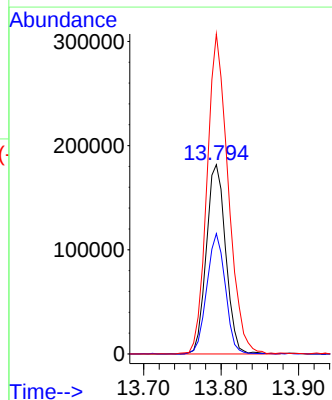
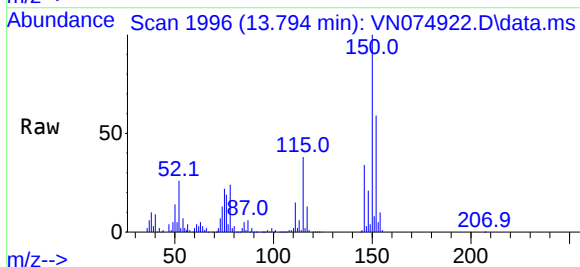
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

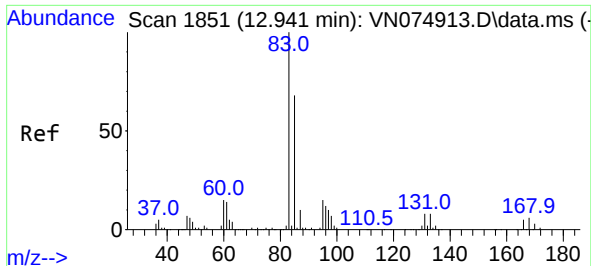
Tgt Ion:173 Resp: 461094
Ion Ratio Lower Upper
173 100
175 47.8 24.5 73.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion:152 Resp: 315571
Ion Ratio Lower Upper
152 100
115 60.8 29.7 89.1
150 184.5 0.0 341.6

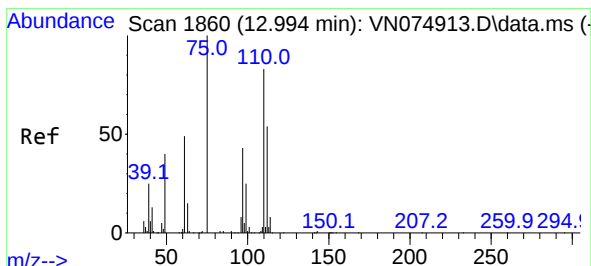
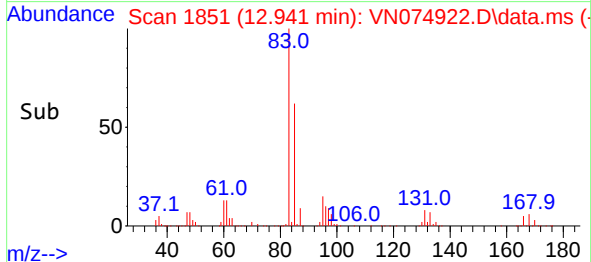
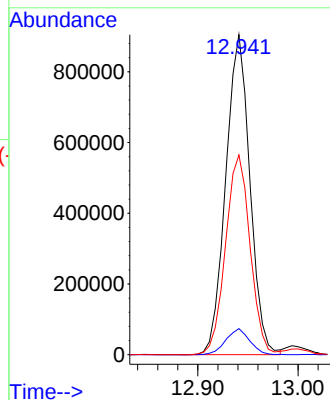
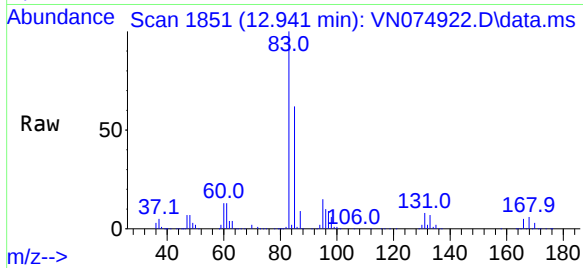




#75
1,1,2,2-Tetrachloroethane
Concen: 132.234 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

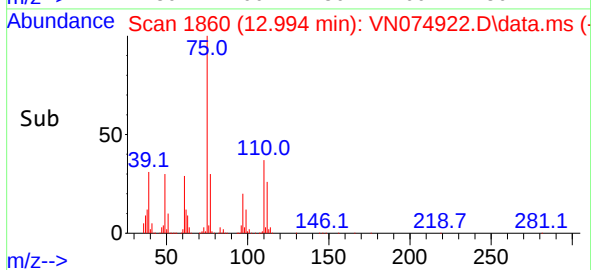
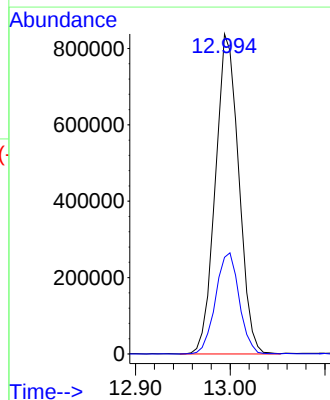
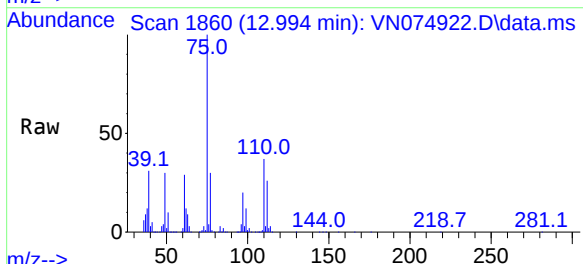
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

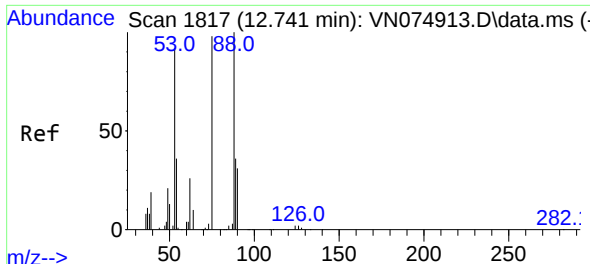
Tgt Ion: 83 Resp: 1517832
Ion Ratio Lower Upper
83 100
131 8.0 4.3 12.8
85 63.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 161.006 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 75 Resp: 1436077
Ion Ratio Lower Upper
75 100
77 32.0 77.8 233.5#

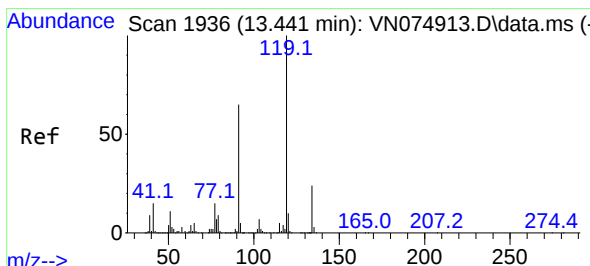
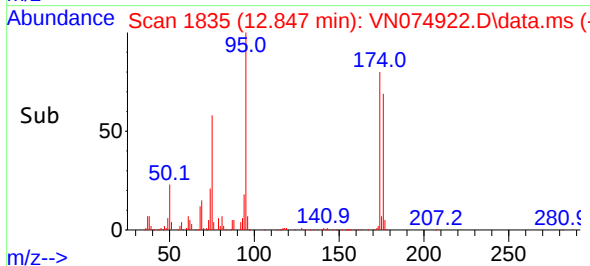
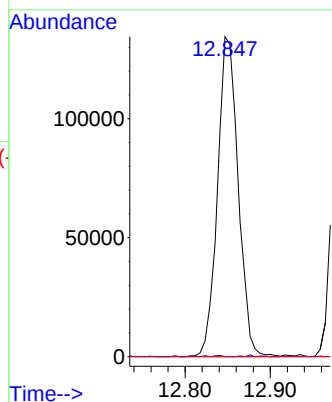
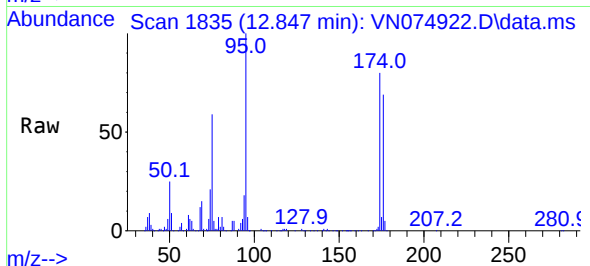




#81
trans-1,4-Dichloro-2-butene
Concen: 61.277 ug/l
RT: 12.847 min Scan# 1817
Delta R.T. 0.106 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

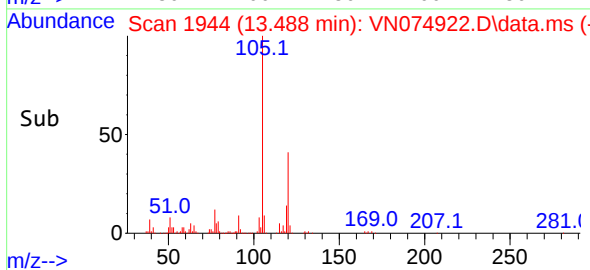
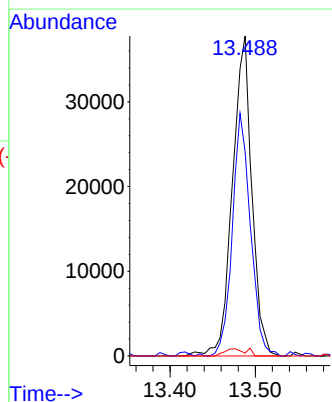
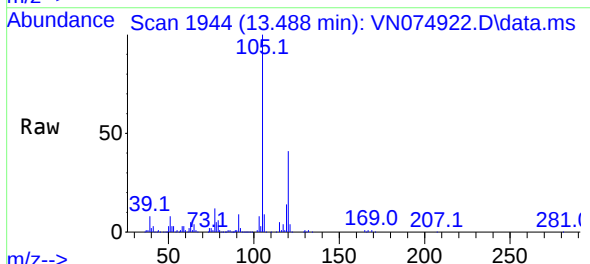
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

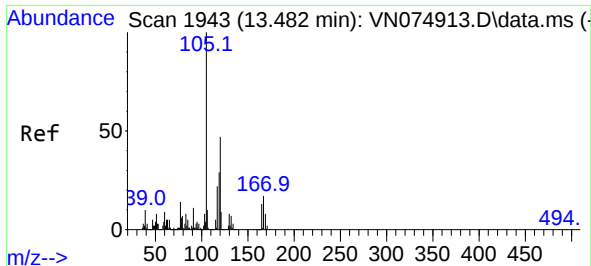
Tgt Ion: 75 Resp: 227378
Ion Ratio Lower Upper
75 100
53 0.2 82.4 123.6#
89 0.0 34.7 52.1#



#83
tert-Butylbenzene
Concen: 2.645 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.047 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion: 119 Resp: 59726
Ion Ratio Lower Upper
119 100
91 70.8 33.1 99.2
134 2.6 13.1 39.3#

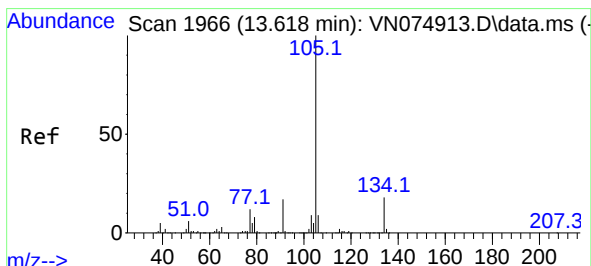
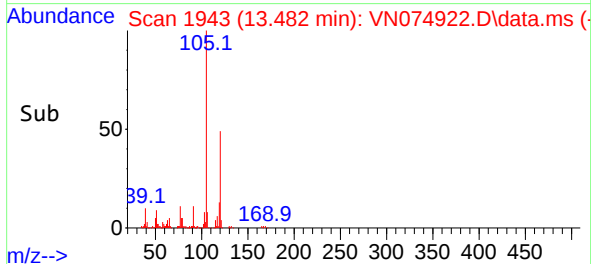
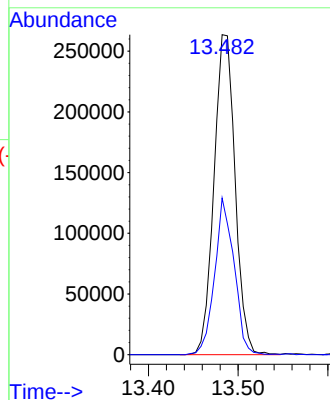
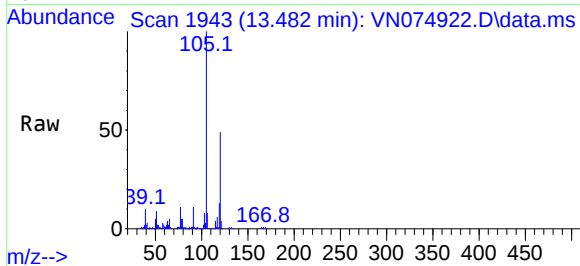




#84
1,2,4-Trimethylbenzene
Concen: 18.238 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

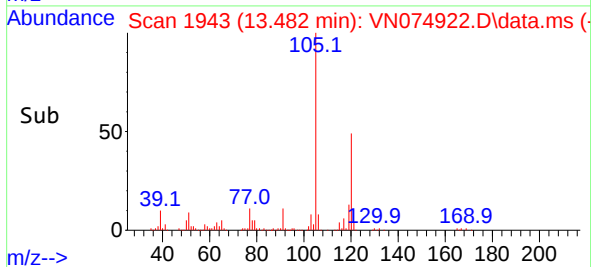
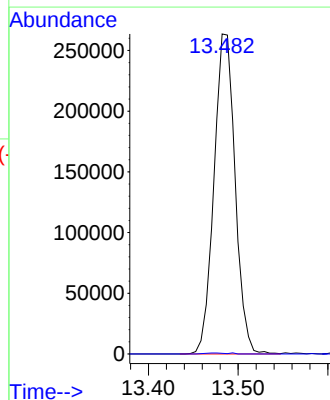
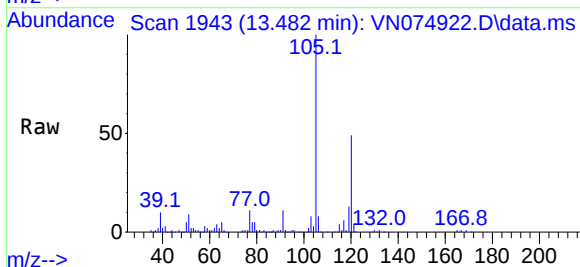
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

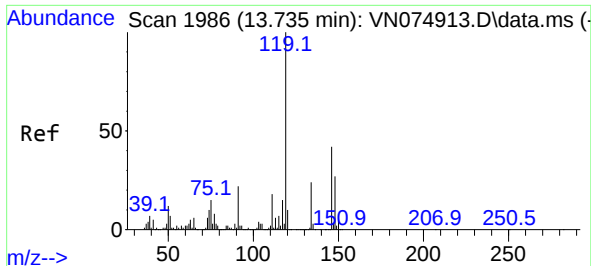
Tgt Ion:105 Resp: 431954
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8



#85
sec-Butylbenzene
Concen: 13.961 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.135 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion:105 Resp: 431954
Ion Ratio Lower Upper
105 100
134 0.4 9.2 27.4#

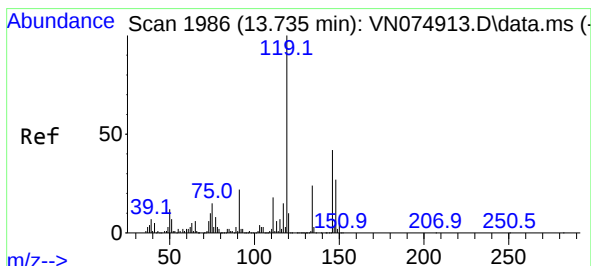
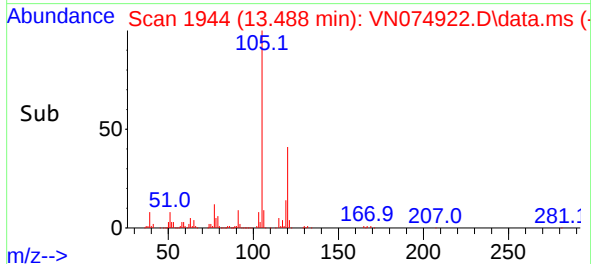
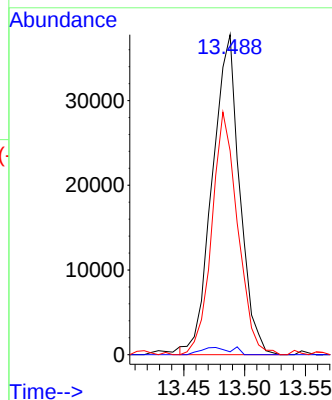
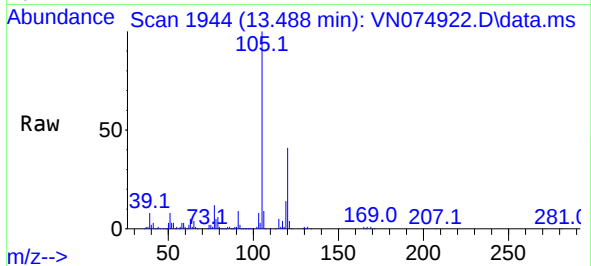




#86
p-Isopropyltoluene
Concen: 2.509 ug/l
RT: 13.488 min Scan# 1999
Delta R.T. -0.247 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

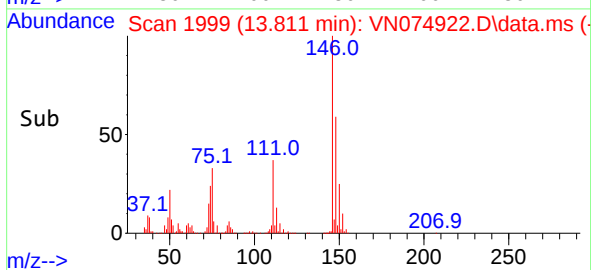
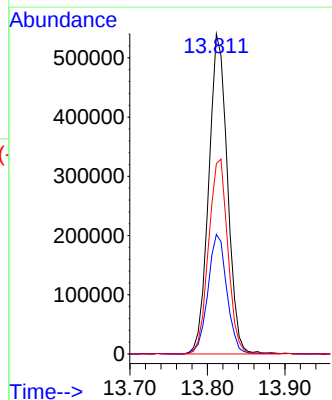
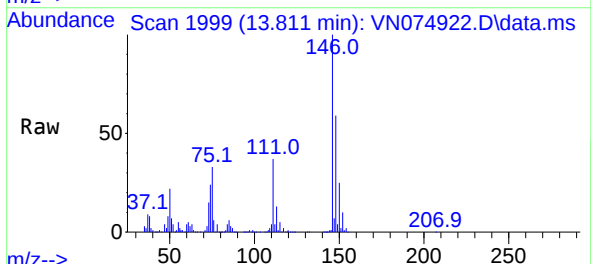
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

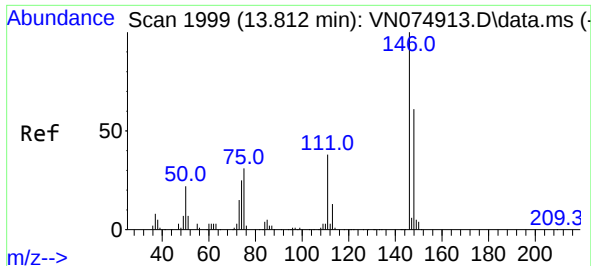
Tgt Ion:119 Resp: 58889
Ion Ratio Lower Upper
119 100
134 2.6 12.3 36.9#
91 71.9 11.8 35.4#



#87
1,3-Dichlorobenzene
Concen: 83.498 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. 0.076 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion:146 Resp: 905979
Ion Ratio Lower Upper
146 100
111 38.0 20.3 60.9
148 62.4 31.4 94.0

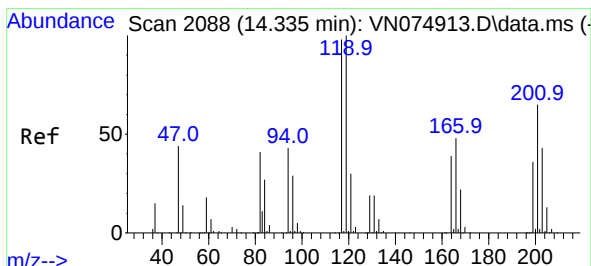
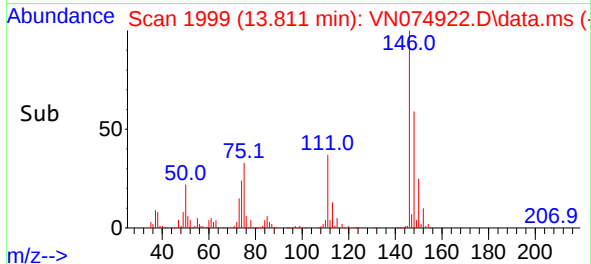
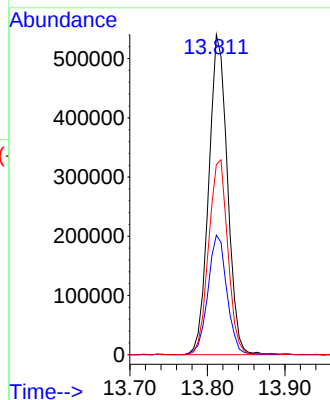
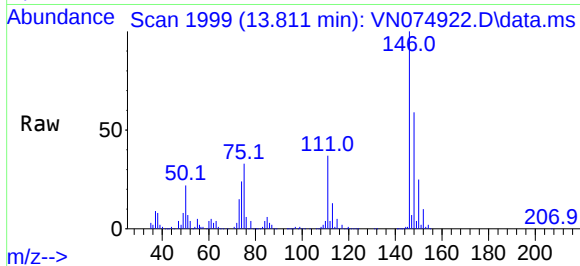




#88
 1,4-Dichlorobenzene
 Concen: 79.033 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN074922.D
 Acq: 17 Oct 2022 17:44

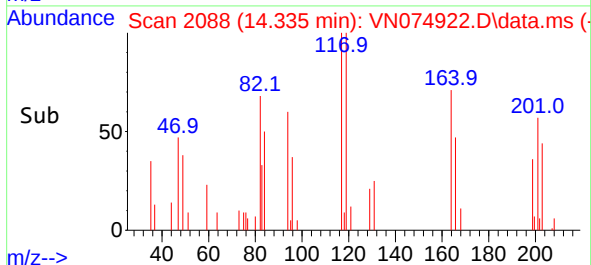
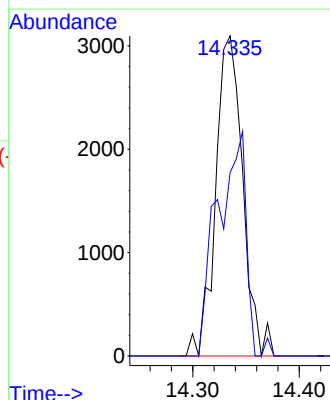
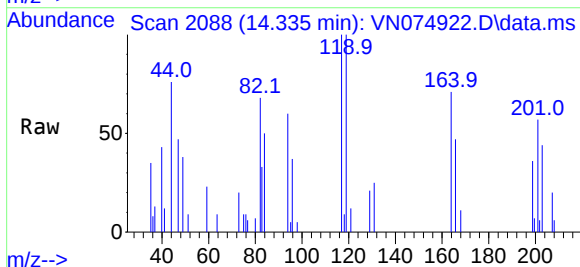
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

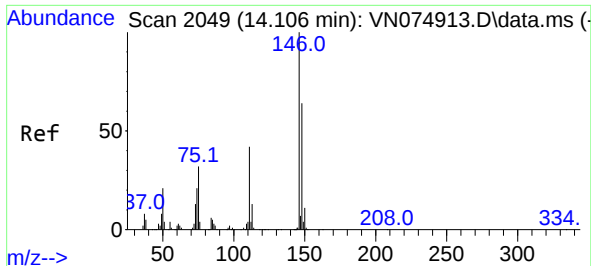
Tgt Ion:146 Resp: 905979
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.1
 148 62.4 31.8 95.3



#90
 Hexachloroethane
 Concen: 1.126 ug/l
 RT: 14.335 min Scan# 2088
 Delta R.T. -0.000 min
 Lab File: VN074922.D
 Acq: 17 Oct 2022 17:44

Tgt Ion:117 Resp: 5455
 Ion Ratio Lower Upper
 117 100
 201 73.5 31.6 95.0





#91

1,2-Dichlorobenzene

Concen: 20.865 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

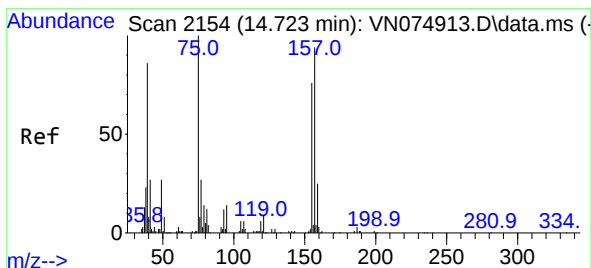
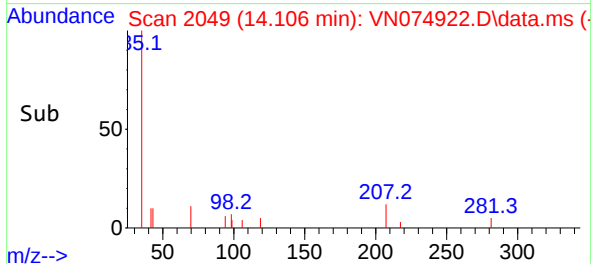
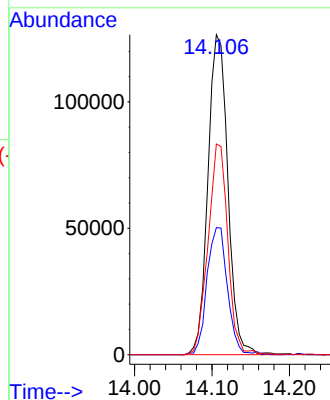
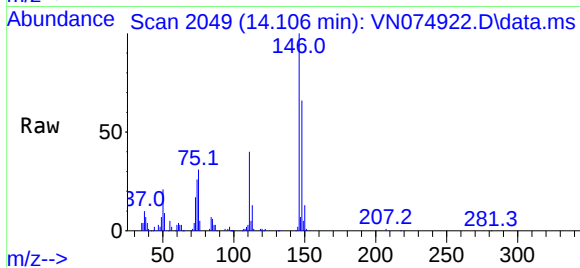
Tgt Ion:146 Resp: 226126

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.3

148 65.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 84.983 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN074922.D

Acq: 17 Oct 2022 17:44

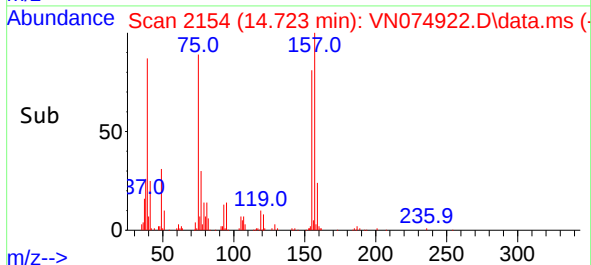
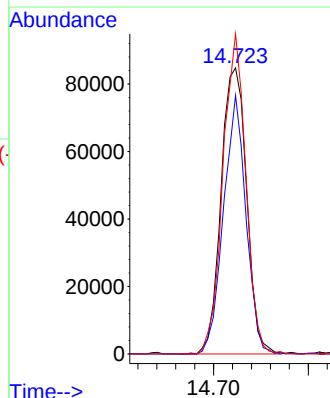
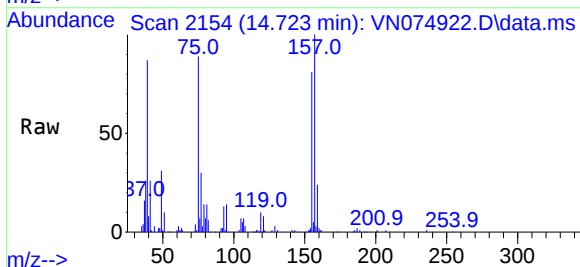
Tgt Ion: 75 Resp: 158595

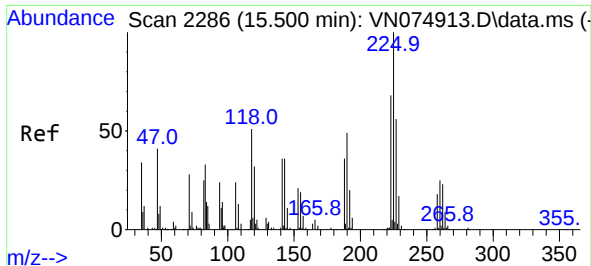
Ion Ratio Lower Upper

75 100

155 79.9 39.9 119.6

157 100.6 50.6 151.8

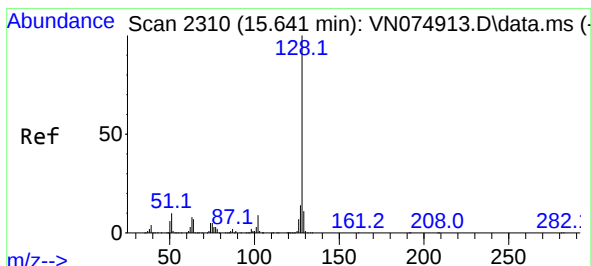
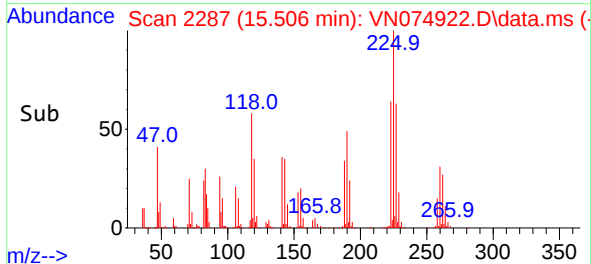
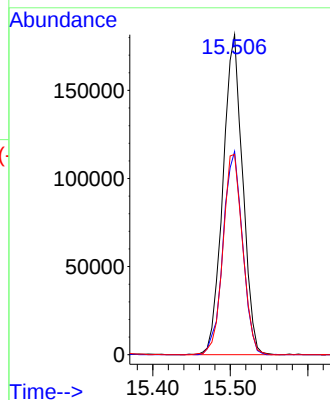
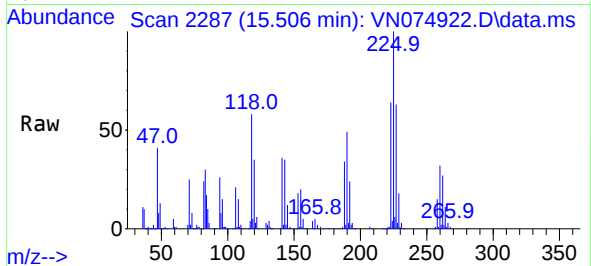




#94
Hexachlorobutadiene
Concen: 132.512 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tgt Ion:225 Resp: 320810
Ion Ratio Lower Upper
225 100
223 62.8 29.8 89.5
227 62.6 30.1 90.5



#95
Naphthalene
Concen: 0.206 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074922.D
Acq: 17 Oct 2022 17:44

Tgt Ion:128 Resp: 4502
Ion Ratio Lower Upper
128 100
127 4.4 10.8 16.2#
129 0.0 8.7 13.1#

