

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074921.D
 Acq On : 17 Oct 2022 17:20
 Operator : JC\MD
 Sample : N4785-01DL 2.5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WPDL

Quant Time: Oct 18 03:02:55 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	318360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	589707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	301346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	405854	48.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	8.182	113	311810	47.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.060%
50) Toluene-d8	10.571	98	1311011	47.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.853	95	358805	44.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%

Target Compounds				Qvalue		
3) Chloromethane	2.389	50	7834	Below Cal		90
4) Vinyl Chloride	2.536	62	436399	33.043	ug/l	96
5) Bromomethane	2.953	94	272957	29.069	ug/l	98
11) Tert butyl alcohol	5.536	59	2162	1.183	ug/l #	73
13) Acrolein	4.206	56	867	0.481	ug/l	88
16) Acetone	4.459	43	268554	68.020	ug/l	89
18) Methyl Acetate	5.059	43	9416	0.790	ug/l #	63
20) Methylene Chloride	5.294	84	196783	28.440	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	43226	7.205	ug/l	91
25) 2-Butanone	7.500	43	218115	33.176	ug/l	96
27) cis-1,2-Dichloroethene	7.506	96	287790	38.458	ug/l	91
31) Cyclohexane	8.241	56	10420	0.959	ug/l #	25
36) 1,1-Dichloropropene	8.241	75	32311	3.711	ug/l #	44
37) Ethyl Acetate	7.500	43	218115	17.341	ug/l #	1
38) Carbon Tetrachloride	8.371	117	358213	40.650	ug/l	93
40) Benzene	8.618	78	498462	17.336	ug/l	95
42) 1,2-Dichloroethane	8.677	62	585002	58.796	ug/l	98
44) Trichloroethene	9.359	130	175584	28.586	ug/l	88
46) Dibromomethane	9.888	93	10370	2.034	ug/l #	8
47) Bromodichloromethane	9.894	83	338966	35.509	ug/l	100
49) 1,4-Dioxane	9.800	88	72	0.400	ug/l #	1
52) Toluene	10.635	92	625777	35.535	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	428026	39.634	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	319919	27.423	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	290405	39.086	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.959	63	229	9.403	ug/l	97
59) 2-Hexanone	11.200	43	637385	63.054	ug/l	99
60) Dibromochloromethane	11.365	129	278803	39.650	ug/l	96
61) 1,2-Dibromoethane	11.476	107	160764	22.027	ug/l	98
64) Tetrachloroethene	11.106	164	52878	11.198	ug/l	95
65) Chlorobenzene	11.894	112	861809	47.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	396466	60.950	ug/l	96
67) Ethyl Benzene	11.965	91	809748	24.292	ug/l	100
68) m/p-Xylenes	12.076	106	126540	10.160	ug/l	97
69) o-Xylene	12.400	106	617608	48.826	ug/l	97
70) Styrene	12.412	104	395353	19.880	ug/l #	84

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

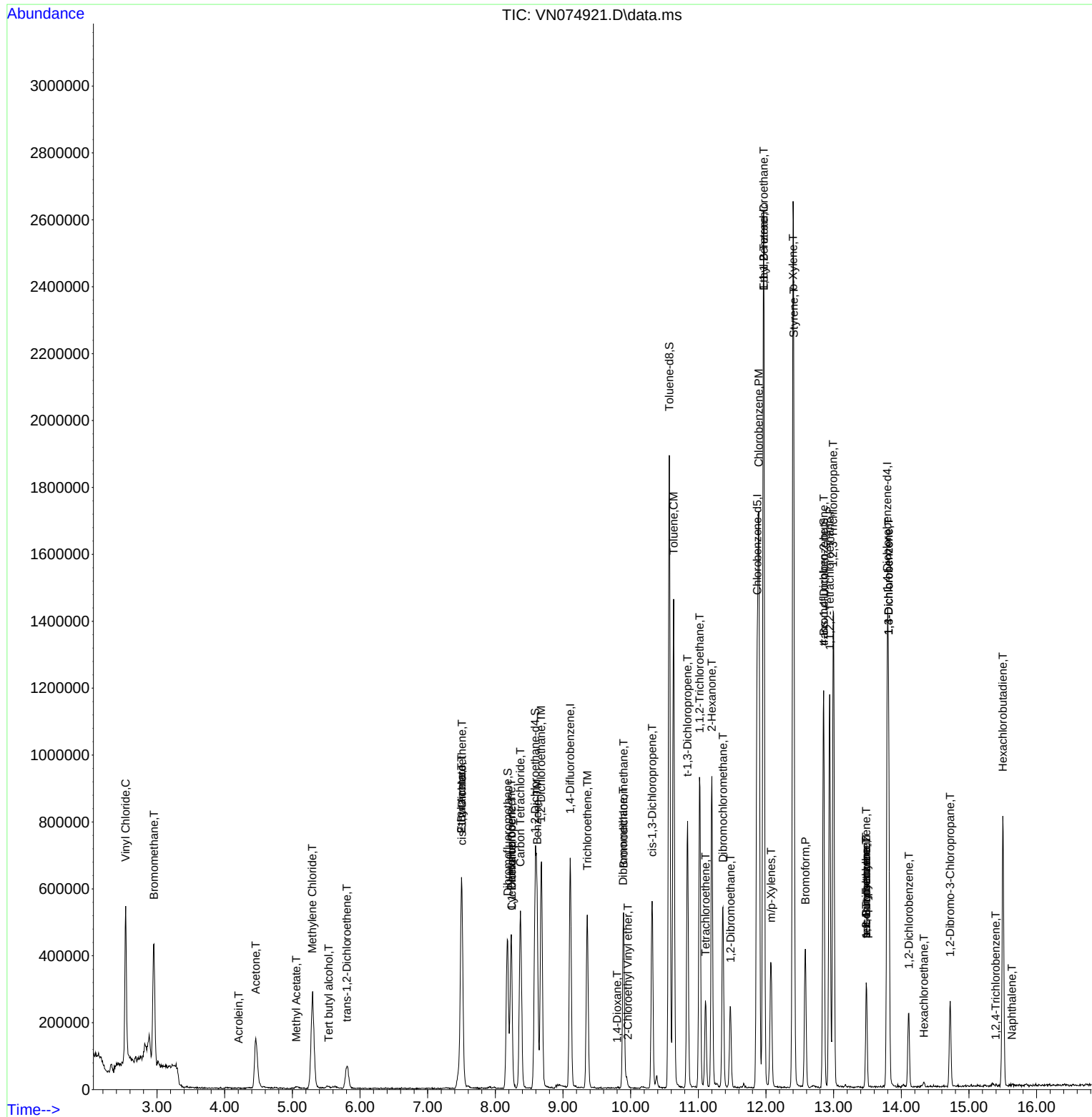
71) Bromoform	12.582	173	173485	36.225	ug/l	#	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	592909	54.093	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	577787	67.837	ug/l	#	4
81) trans-1,4-Dichloro-2-b...	12.853	75	214950	60.662	ug/l	#	9
83) tert-Butylbenzene	13.482	119	22946	1.064	ug/l	#	72
84) 1,2,4-Trimethylbenzene	13.482	105	157227	6.952	ug/l		90
85) sec-Butylbenzene	13.482	105	157227	5.322	ug/l	#	59
86) p-Isopropyltoluene	13.482	119	22946	1.024	ug/l	#	19
87) 1,3-Dichlorobenzene	13.811	146	346381	33.431	ug/l		96
88) 1,4-Dichlorobenzene	13.811	146	346381	31.643	ug/l		96
90) Hexachloroethane	14.335	117	2117	0.457	ug/l	#	42
91) 1,2-Dichlorobenzene	14.111	146	85822	8.293	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54047	30.328	ug/l		89
93) 1,2,4-Trichlorobenzene	15.394	180	1057	0.218	ug/l	#	42
94) Hexachlorobutadiene	15.500	225	131574	56.913	ug/l		92
95) Naphthalene	15.635	128	5614	0.269	ug/l	#	89

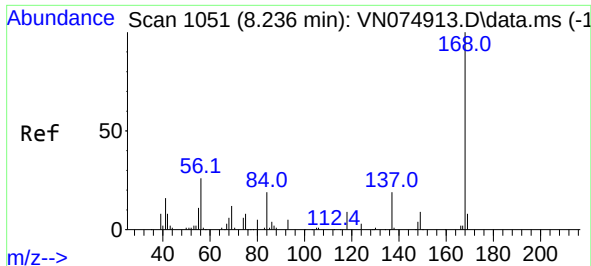
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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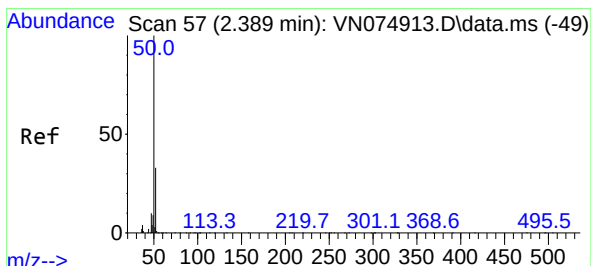
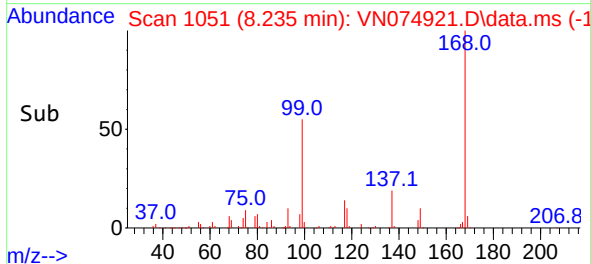
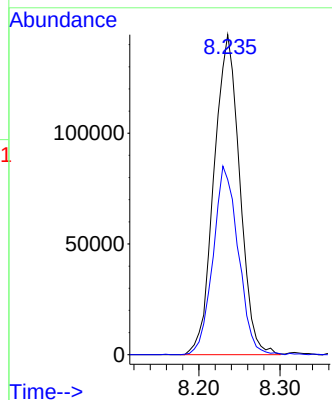
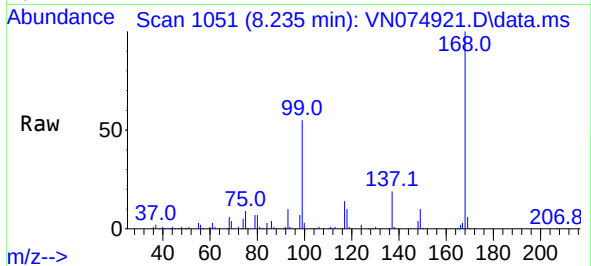




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

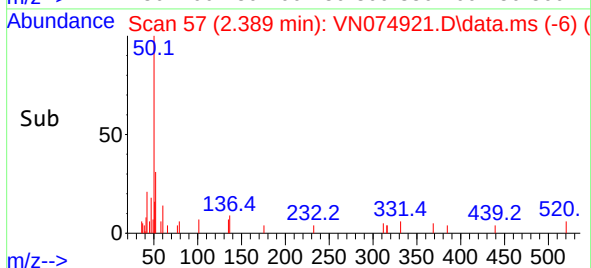
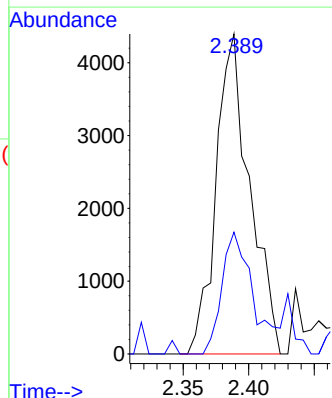
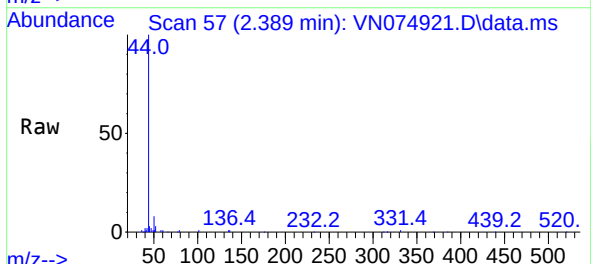
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MSVOA_N
ClientSampleId :
PT-VOA-WPDL

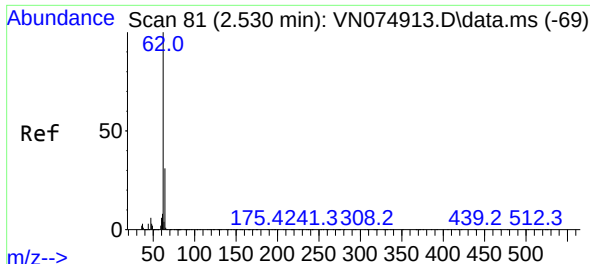
Tgt Ion:168 Resp: 318360
Ion Ratio Lower Upper
168 100
99 54.7 47.6 71.4



#3
Chloromethane
Concen: Below Cal
RT: 2.389 min Scan# 57
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 50 Resp: 7834
Ion Ratio Lower Upper
50 100
52 38.1 26.1 39.1

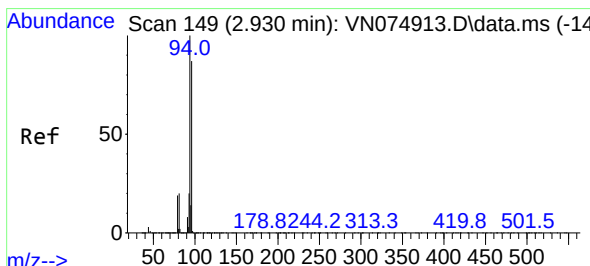
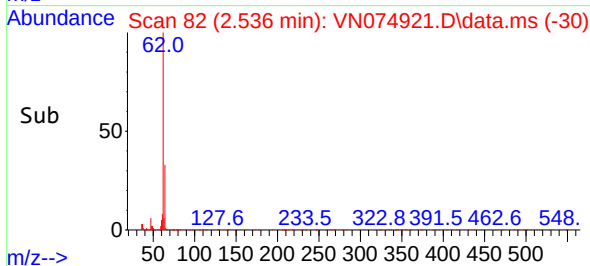
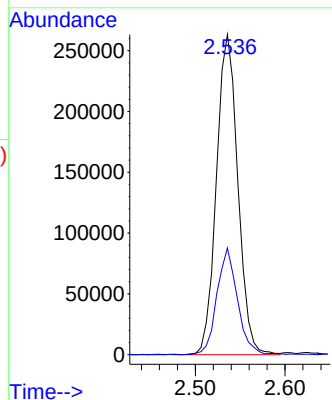
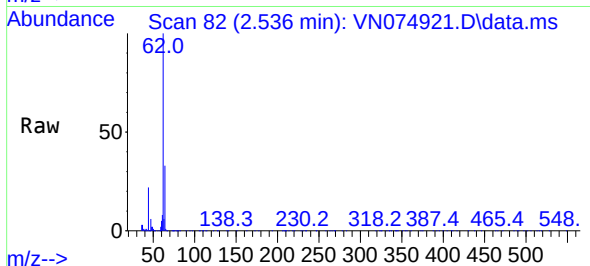




#4
 Vinyl Chloride
 Concen: 33.043 ug/l
 RT: 2.536 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

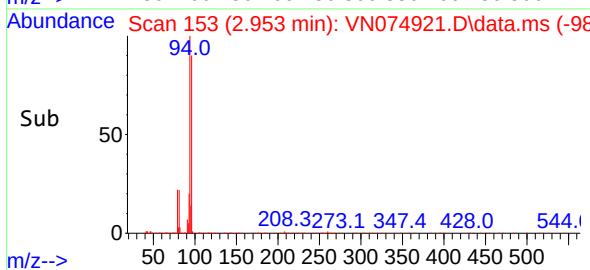
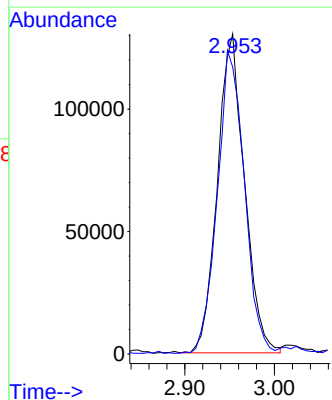
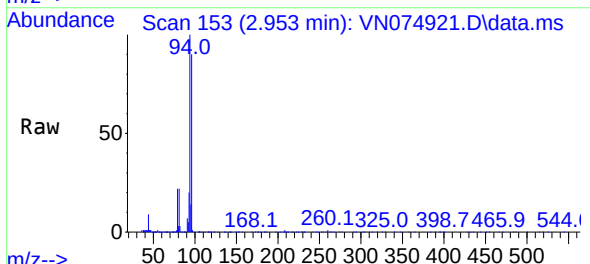
Instrument :
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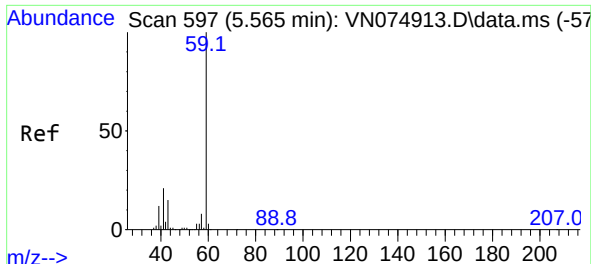
Tgt Ion: 62 Resp: 436399
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.8 37.2



#5
 Bromomethane
 Concen: 29.069 ug/l
 RT: 2.953 min Scan# 153
 Delta R.T. 0.023 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

Tgt Ion: 94 Resp: 272957
 Ion Ratio Lower Upper
 94 100
 96 89.7 70.0 105.0

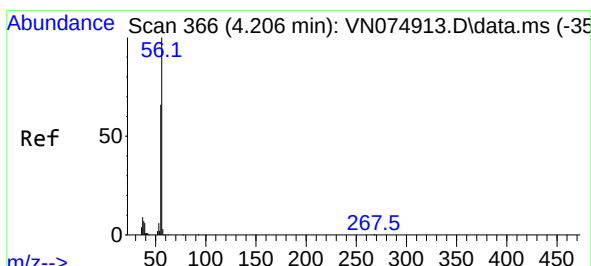
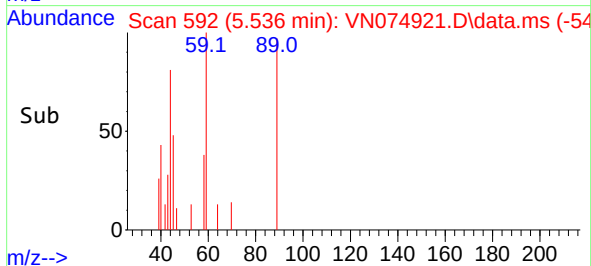
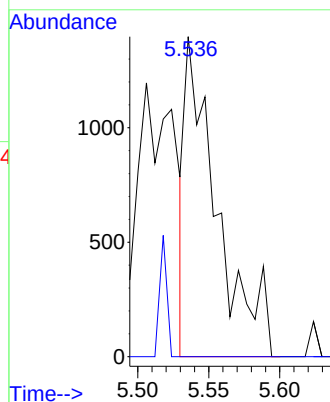
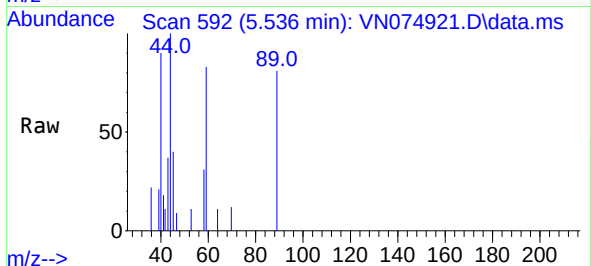




#11
Tert butyl alcohol
Concen: 1.183 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.030 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

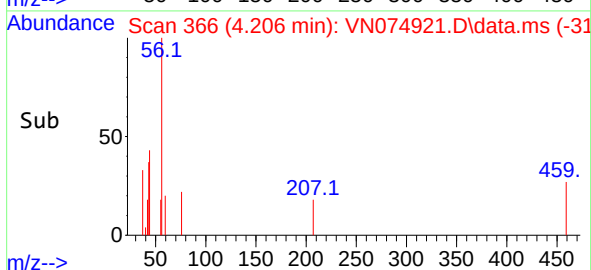
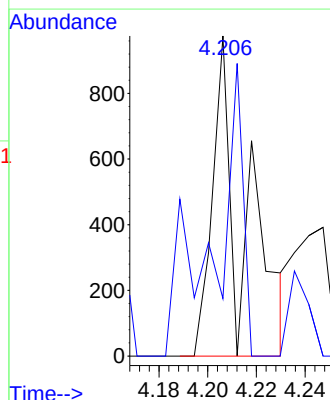
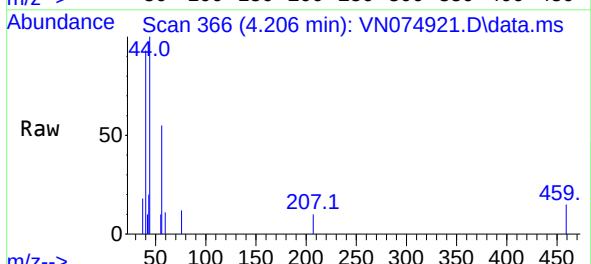
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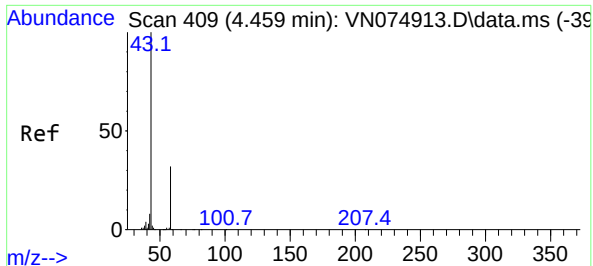
Tgt Ion: 59 Resp: 2162
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.481 ug/l
RT: 4.206 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 56 Resp: 867
Ion Ratio Lower Upper
56 100
55 57.4 53.4 80.0

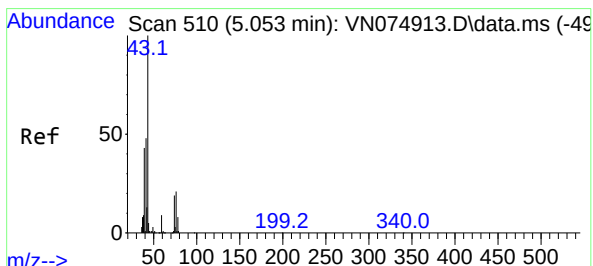
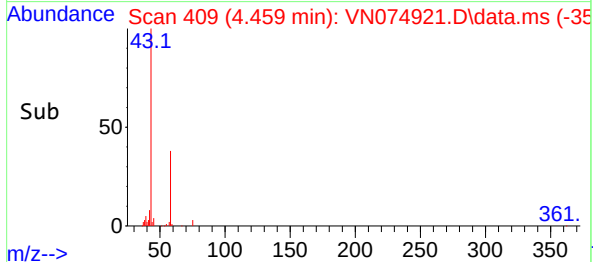
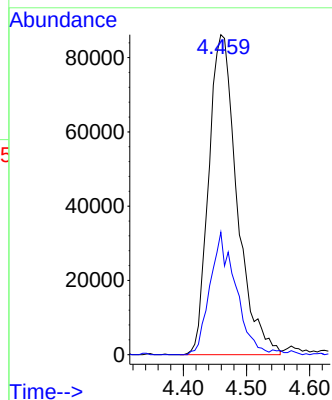
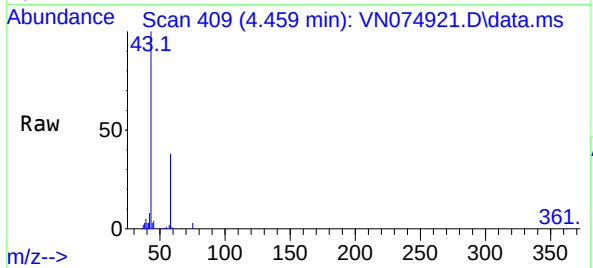




#16
Acetone
Concen: 68.020 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

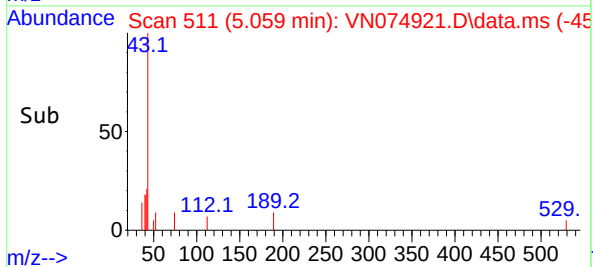
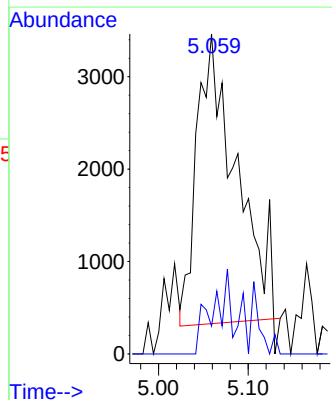
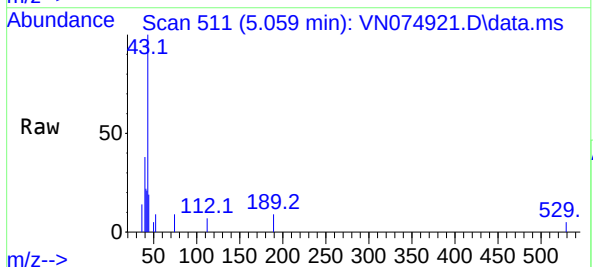
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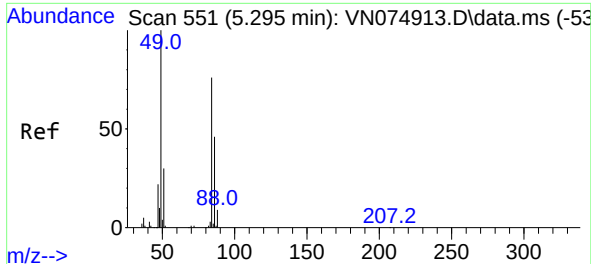
Tgt Ion: 43 Resp: 268554
Ion Ratio Lower Upper
43 100
58 38.2 25.8 38.8



#18
Methyl Acetate
Concen: 0.790 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 43 Resp: 9416
Ion Ratio Lower Upper
43 100
74 3.7 17.0 25.6#

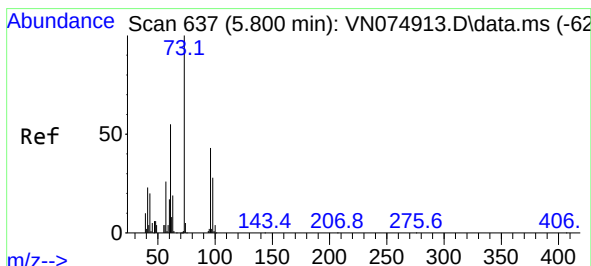
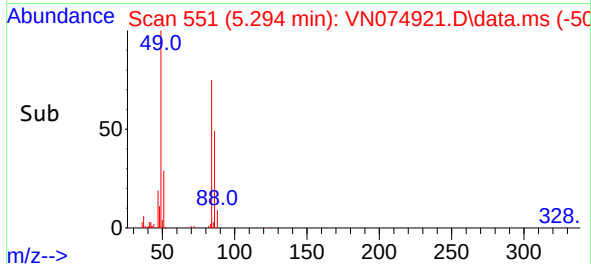
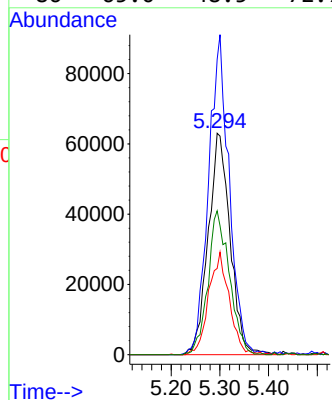
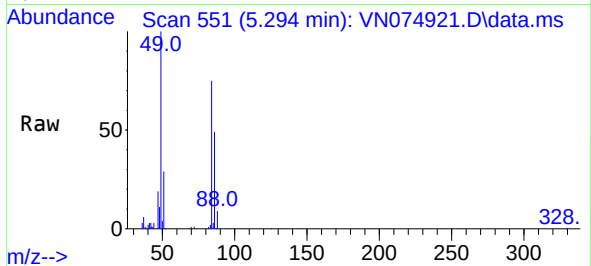




#20
Methylene Chloride
Concen: 28.440 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.001 min
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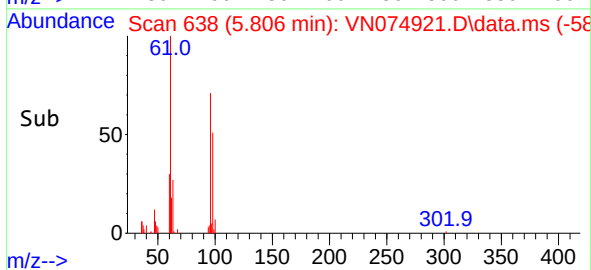
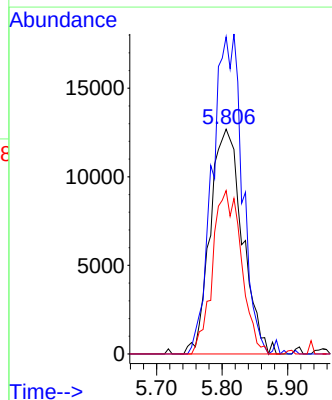
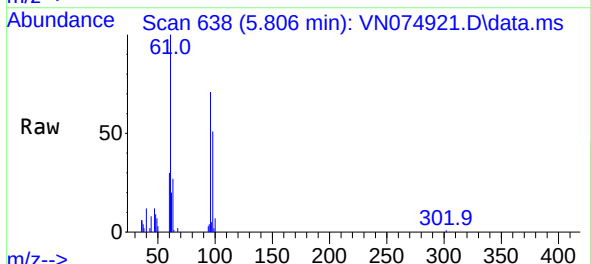
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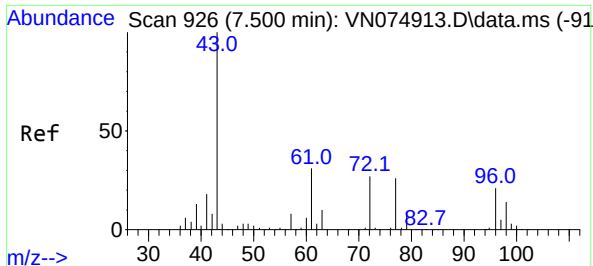
Tgt Ion: 84 Resp: 196783
Ion Ratio Lower Upper
84 100
49 133.3 104.6 156.8
51 39.0 31.8 47.8
86 65.0 48.5 72.7



#21
trans-1,2-Dichloroethene
Concen: 7.205 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 96 Resp: 43226
Ion Ratio Lower Upper
96 100
61 141.1 104.3 156.5
98 72.6 51.9 77.9

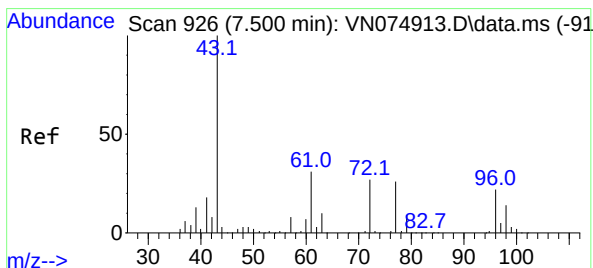
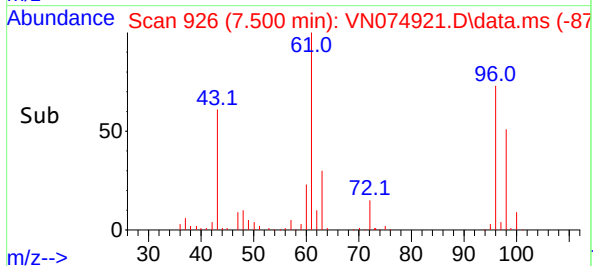
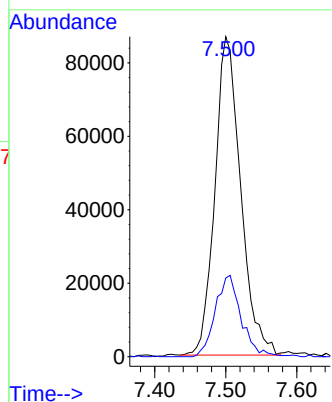
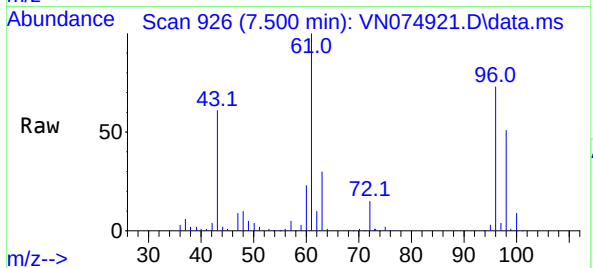




#25
2-Butanone
Concen: 33.176 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

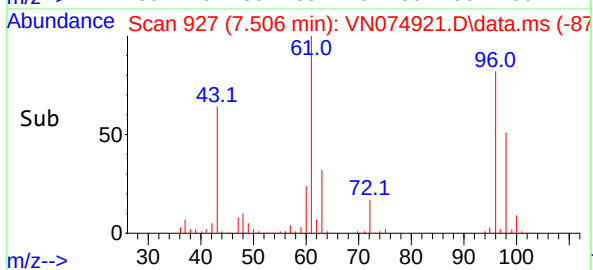
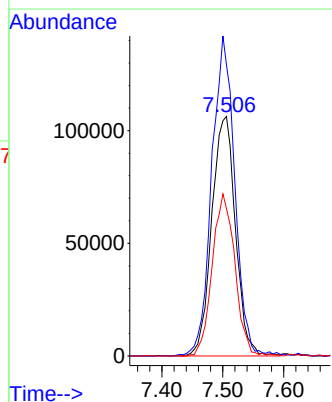
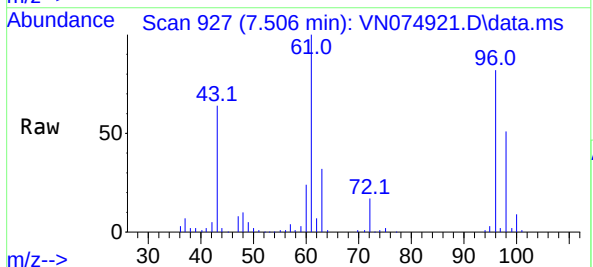
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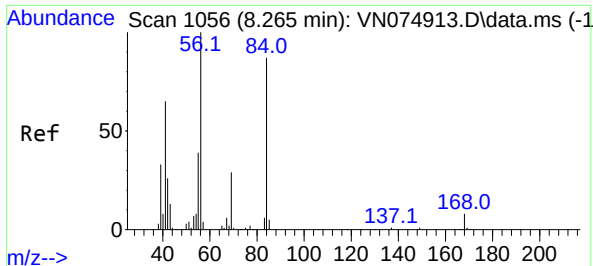
Tgt Ion: 43 Resp: 218115
Ion Ratio Lower Upper
43 100
72 24.7 21.3 31.9



#27
cis-1,2-Dichloroethene
Concen: 38.458 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 96 Resp: 287790
Ion Ratio Lower Upper
96 100
61 128.7 0.0 288.6
98 64.6 0.0 128.0

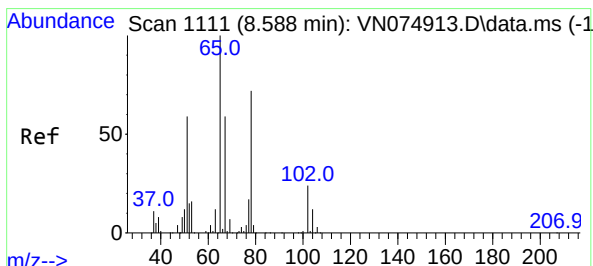
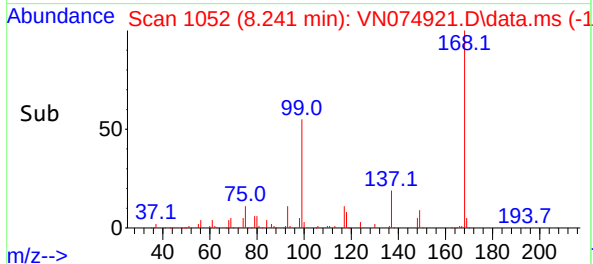
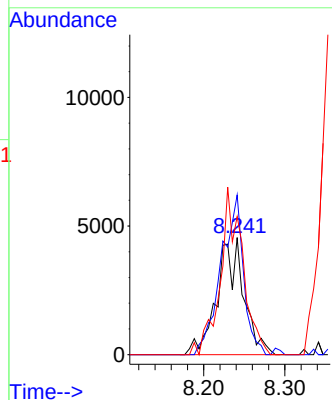
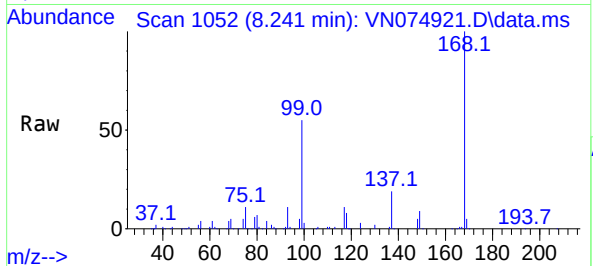




#31
Cyclohexane
Concen: 0.959 ug/l
RT: 8.241 min Scan# 1052
Delta R.T. -0.024 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

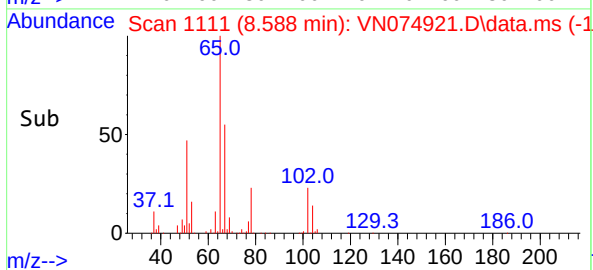
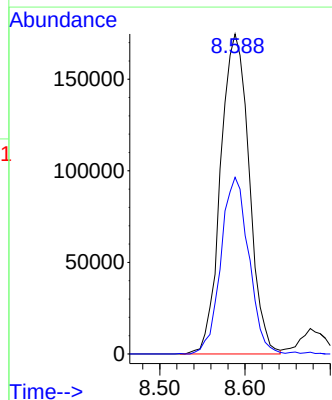
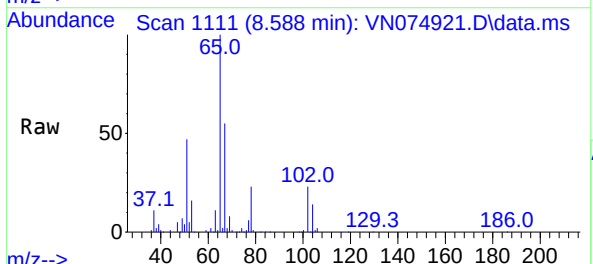
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

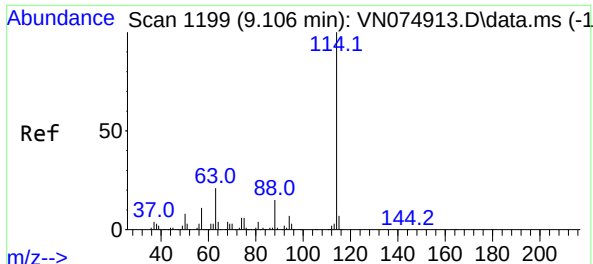
Tgt Ion: 56 Resp: 10420
Ion Ratio Lower Upper
56 100
69 136.4 23.4 35.0#
84 118.0 69.9 104.9#



#33
1,2-Dichloroethane-d4
Concen: 48.329 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 65 Resp: 405854
Ion Ratio Lower Upper
65 100
67 54.0 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: VN074921.D

Acq: 17 Oct 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WPDL

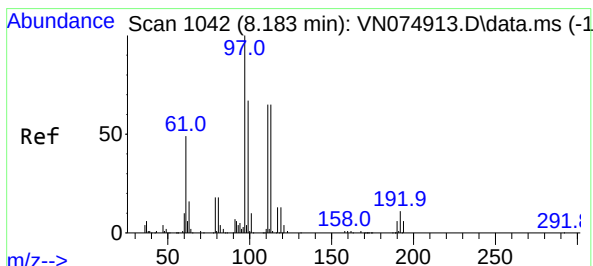
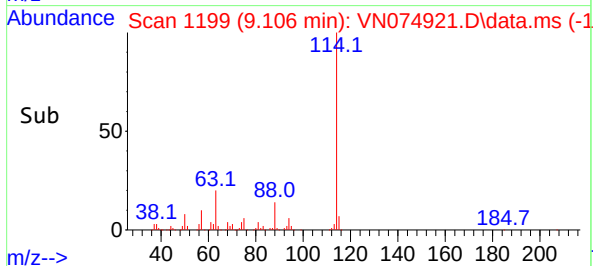
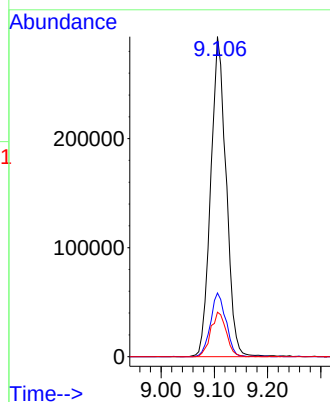
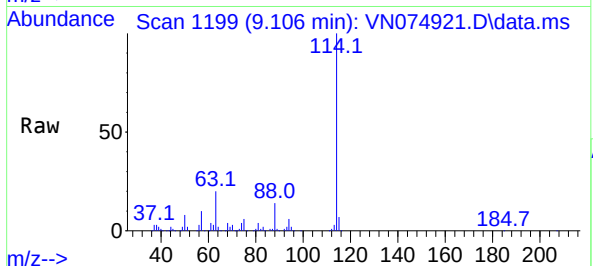
Tgt Ion:114 Resp: 589707

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

88 13.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 47.029 ug/l

RT: 8.182 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN074921.D

Acq: 17 Oct 2022 17:20

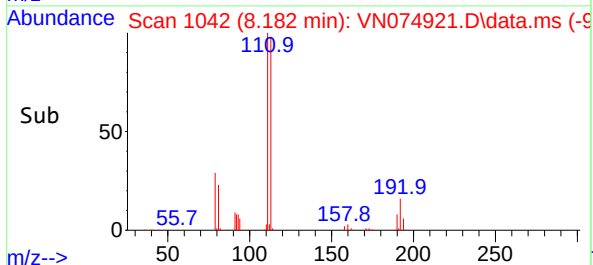
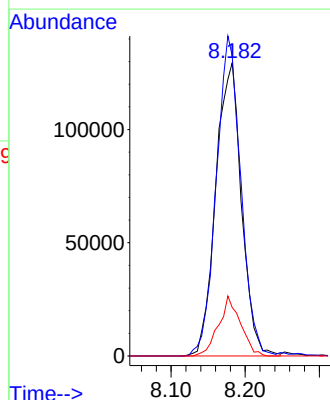
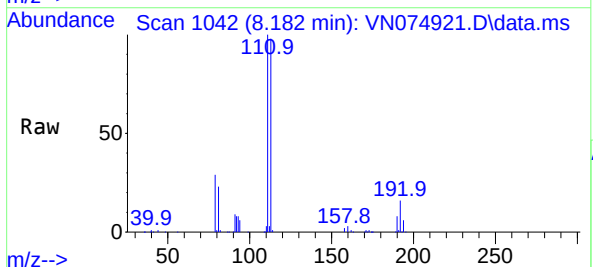
Tgt Ion:113 Resp: 311810

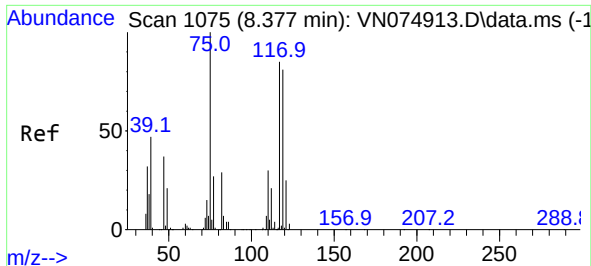
Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 17.3 14.2 21.2

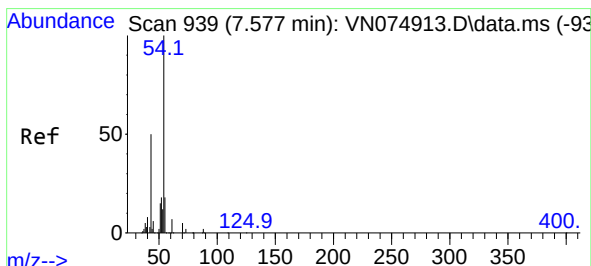
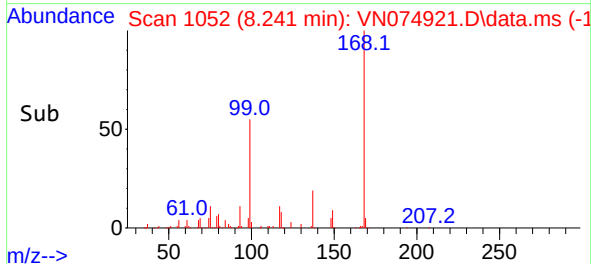
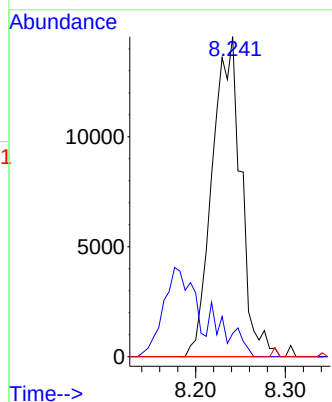
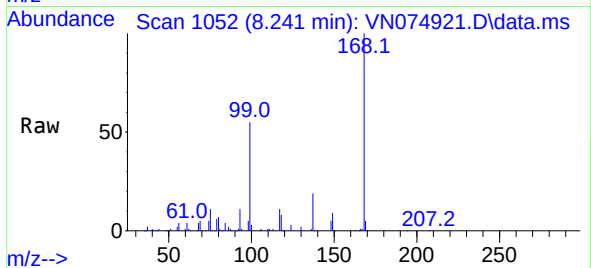




#36
1,1-Dichloropropene
Concen: 3.711 ug/l
RT: 8.241 min Scan# 1052
Delta R.T. -0.135 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

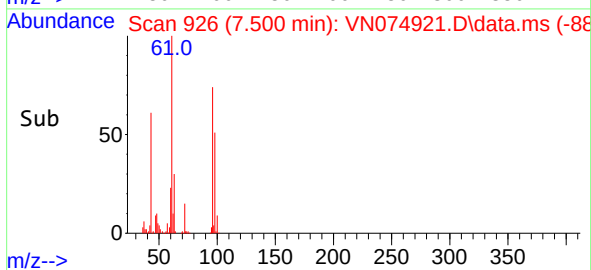
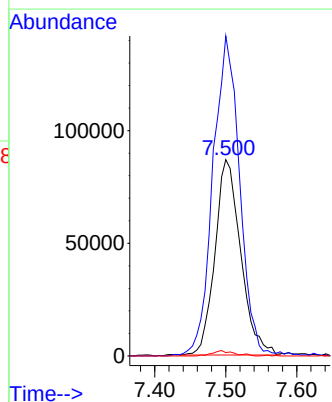
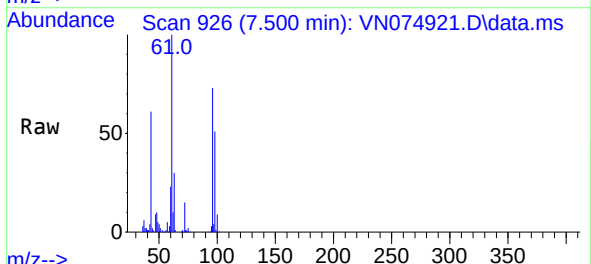
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

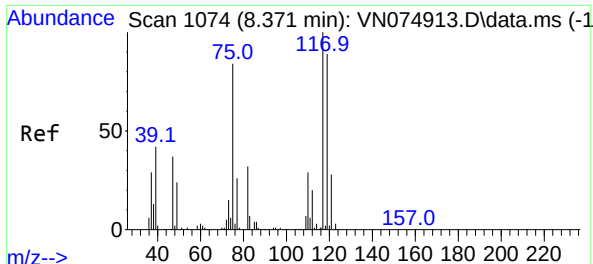
Tgt Ion: 75 Resp: 32311
Ion Ratio Lower Upper
75 100
110 0.0 16.1 48.3#
77 0.0 23.3 34.9#



#37
Ethyl Acetate
Concen: 17.341 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.077 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 43 Resp: 218115
Ion Ratio Lower Upper
43 100
61 169.8 9.9 14.9#
70 2.3 6.8 10.2#

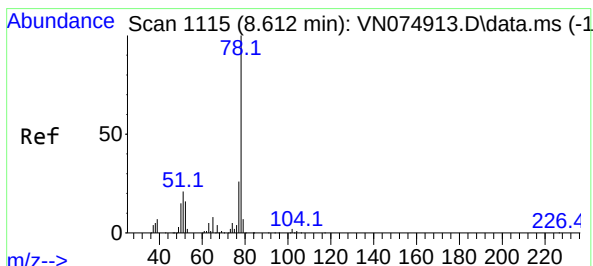
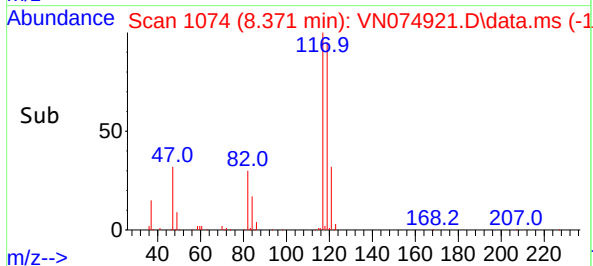
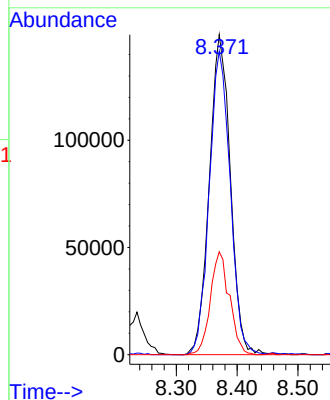
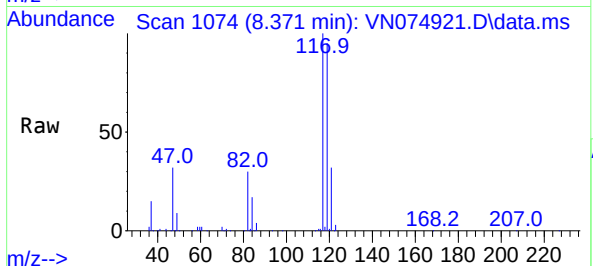




#38
Carbon Tetrachloride
Concen: 40.650 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

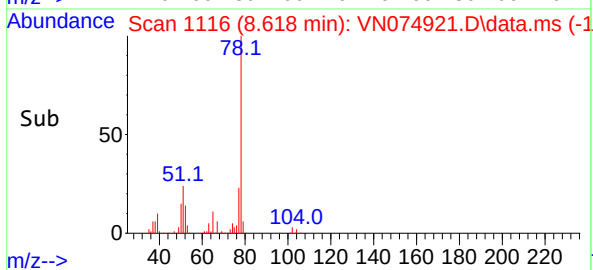
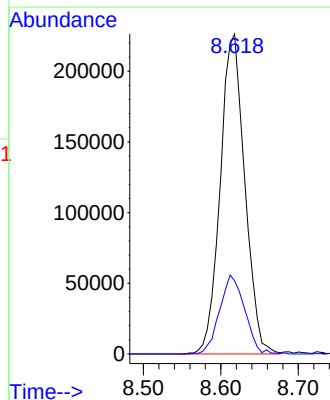
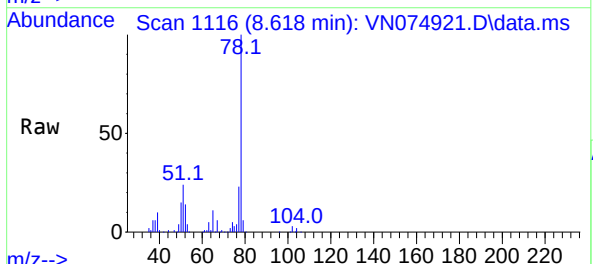
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

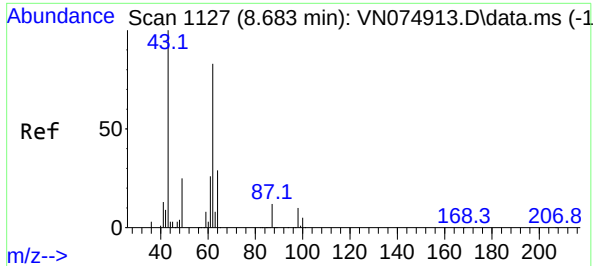
Tgt Ion:117 Resp: 358213
Ion Ratio Lower Upper
117 100
119 94.8 71.0 106.6
121 32.1 22.2 33.4



#40
Benzene
Concen: 17.336 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 78 Resp: 498462
Ion Ratio Lower Upper
78 100
77 22.9 20.5 30.7

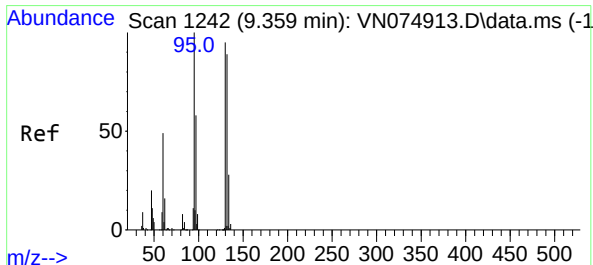
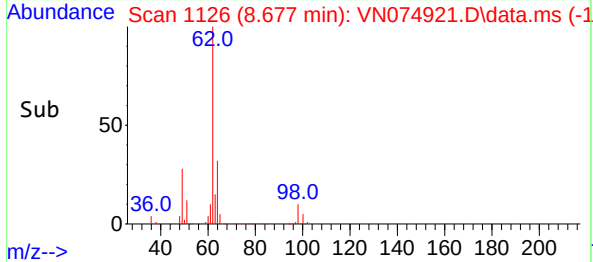
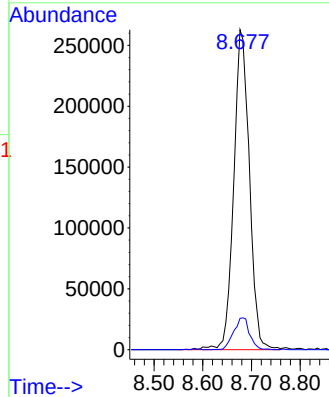
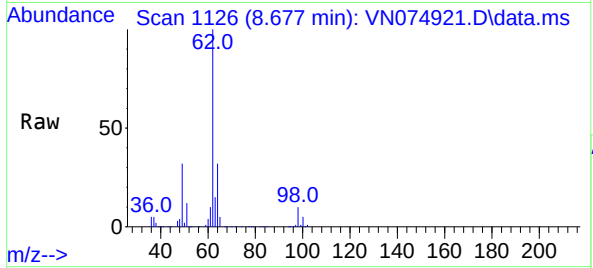




#42
1,2-Dichloroethane
Concen: 58.796 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

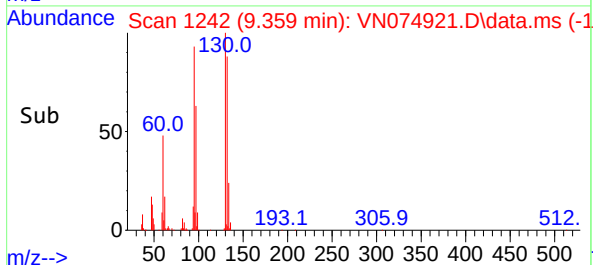
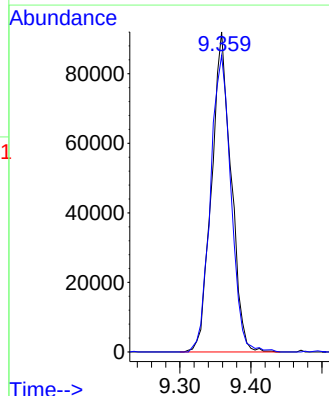
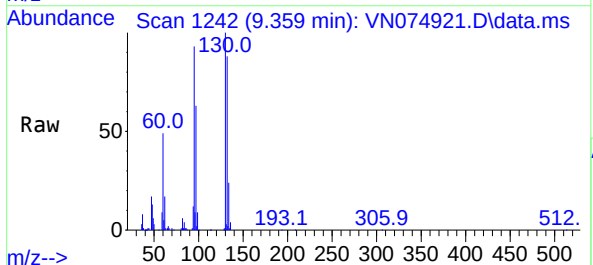
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

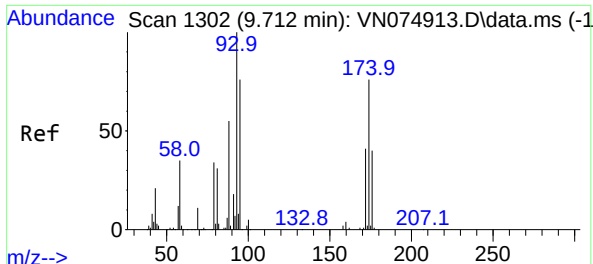
Tgt Ion: 62 Resp: 585002
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.0



#44
Trichloroethene
Concen: 28.586 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:130 Resp: 175584
Ion Ratio Lower Upper
130 100
95 92.7 0.0 210.4





#46

Dibromomethane

Concen: 2.034 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.176 min

Lab File: VN074921.D

Acq: 17 Oct 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WPDL

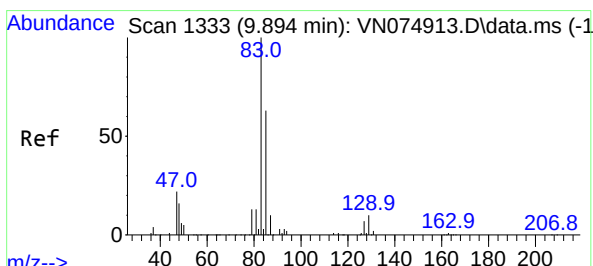
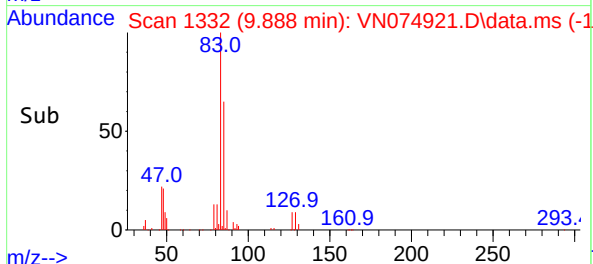
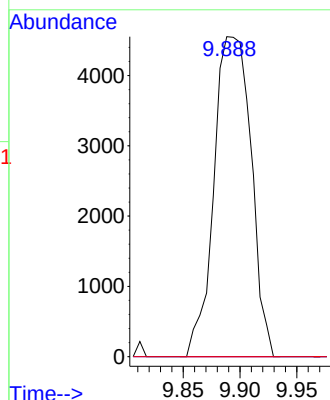
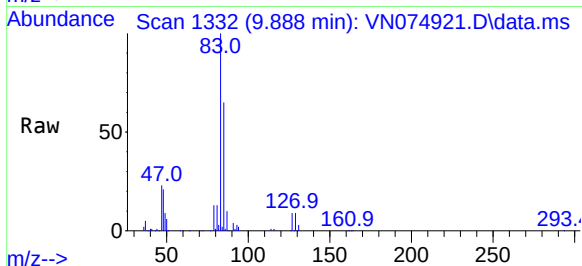
Tgt Ion: 93 Resp: 10370

Ion Ratio Lower Upper

93 100

95 0.0 66.0 99.0#

174 0.0 65.1 97.7#



#47

Bromodichloromethane

Concen: 35.509 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. -0.000 min

Lab File: VN074921.D

Acq: 17 Oct 2022 17:20

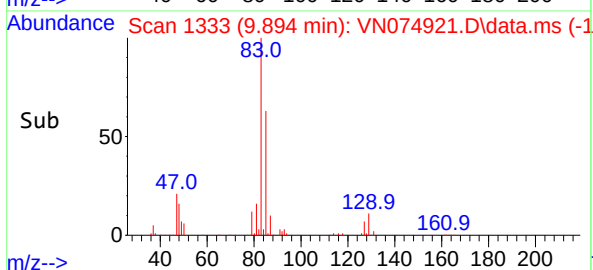
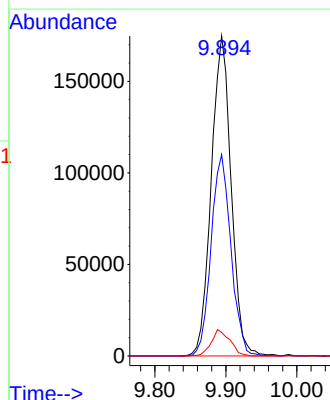
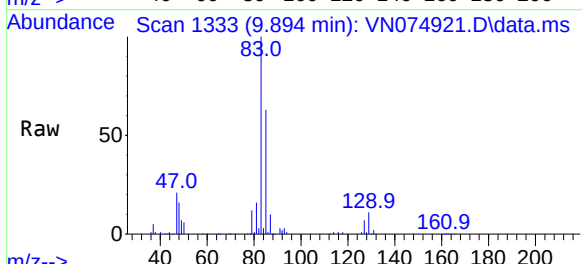
Tgt Ion: 83 Resp: 338966

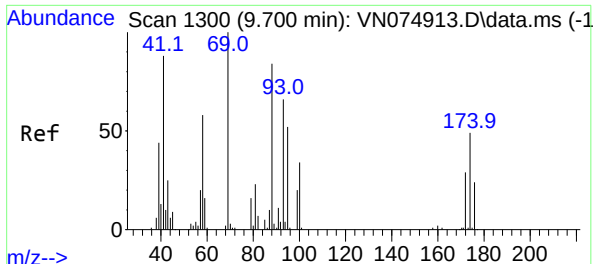
Ion Ratio Lower Upper

83 100

85 62.9 50.2 75.2

127 7.3 5.8 8.6

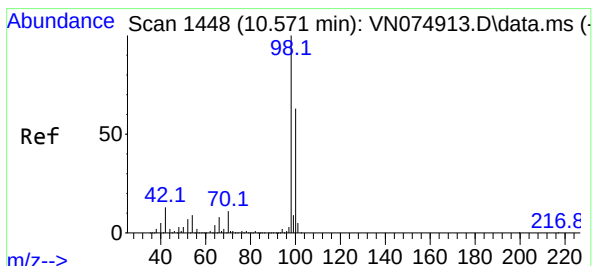
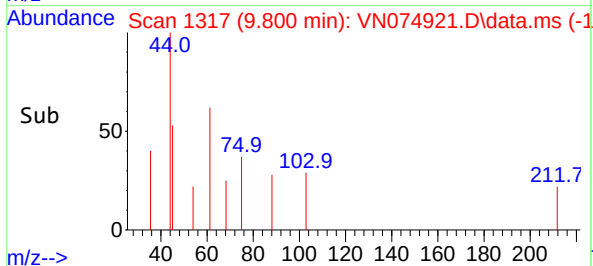
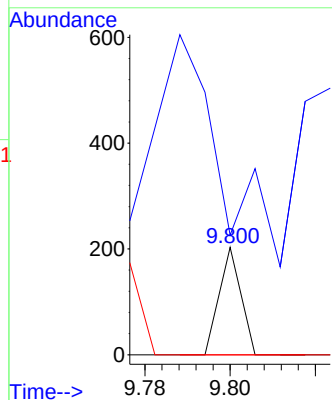
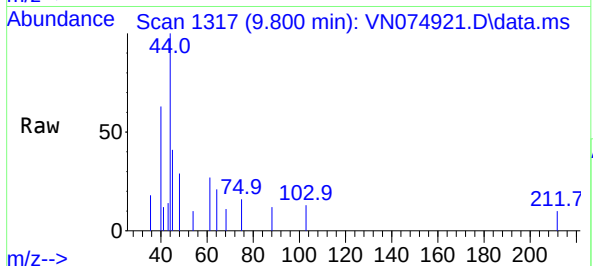




#49
1,4-Dioxane
Concen: 0.400 ug/l
RT: 9.800 min Scan# 11
Delta R.T. 0.100 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

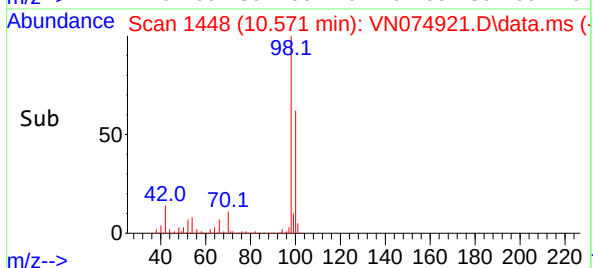
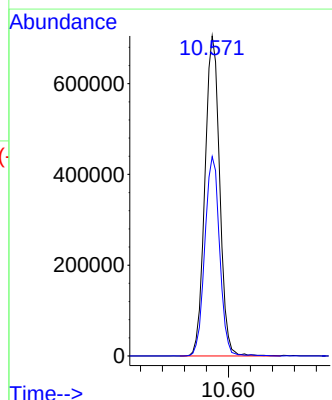
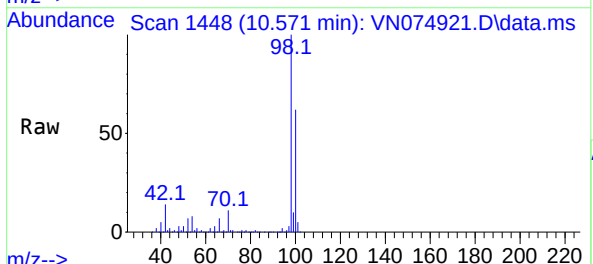
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

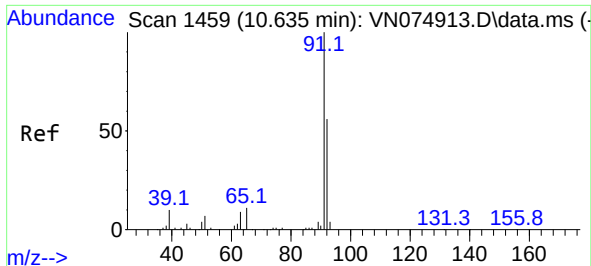
Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 1354.2 19.4 29.2#
58 0.0 56.9 85.3#



#50
Toluene-d8
Concen: 47.683 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 98 Resp: 1311011
Ion Ratio Lower Upper
98 100
100 62.4 50.7 76.1

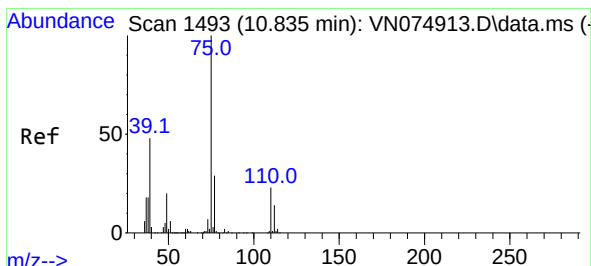
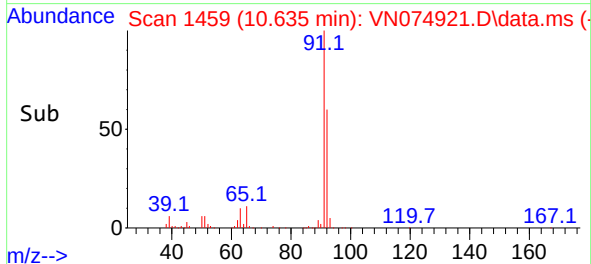
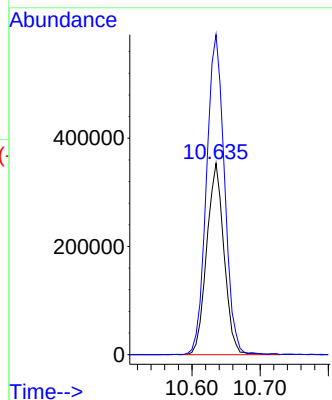
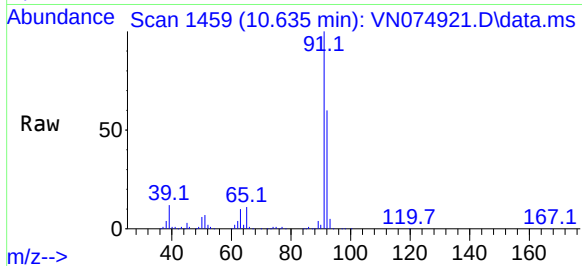




#52
Toluene
Concen: 35.535 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

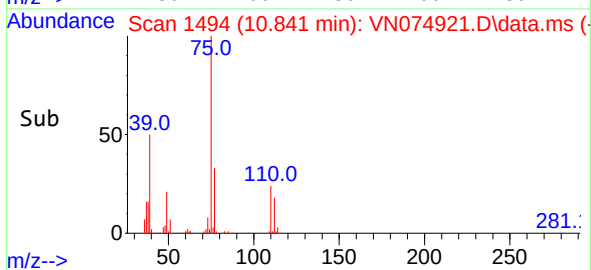
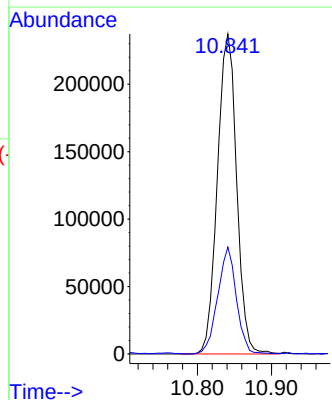
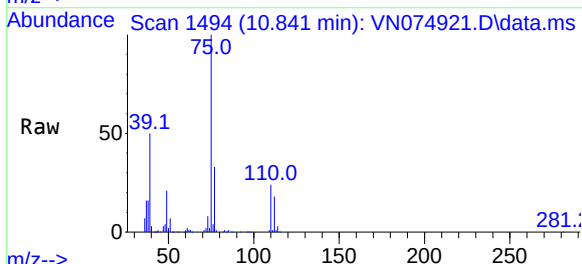
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

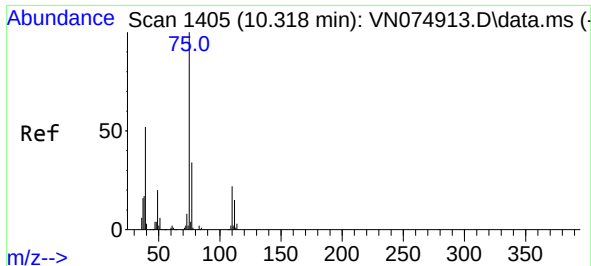
Tgt Ion: 92 Resp: 625777
Ion Ratio Lower Upper
92 100
91 173.7 141.0 211.6



#53
t-1,3-Dichloropropene
Concen: 39.634 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 75 Resp: 428026
Ion Ratio Lower Upper
75 100
77 33.3 23.4 35.0



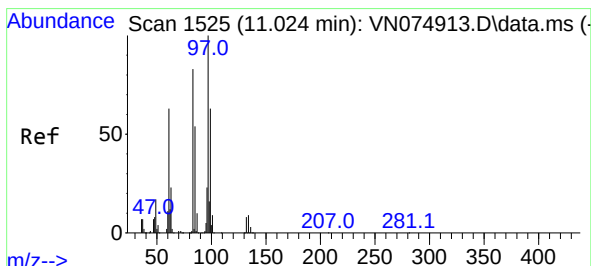
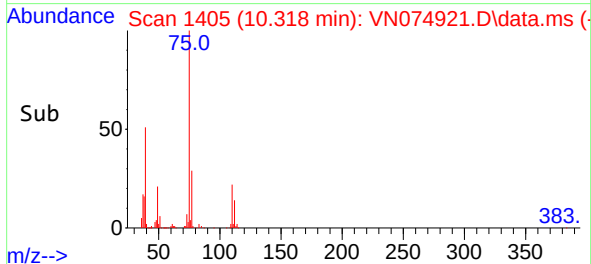
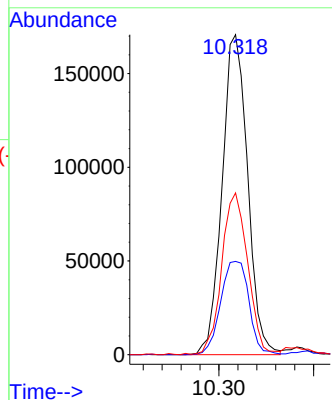
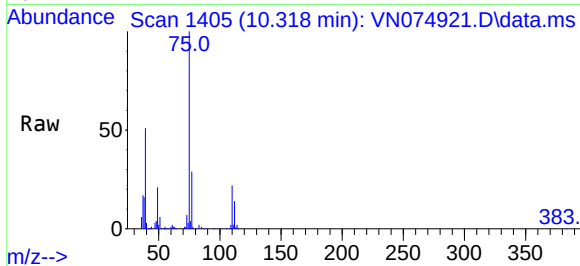


#54
cis-1,3-Dichloropropene
Concen: 27.423 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

Tgt Ion: 75 Resp: 319919

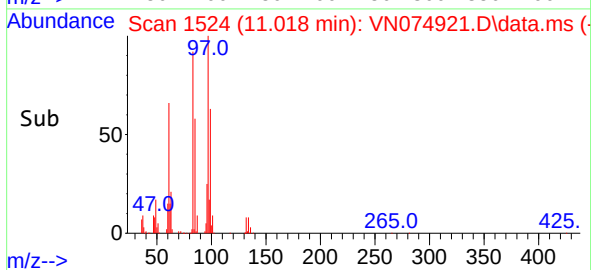
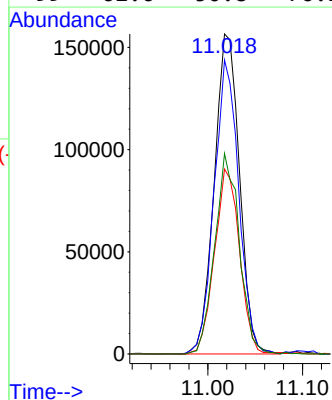
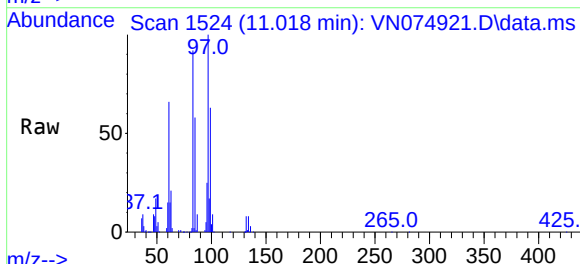
Ion	Ratio	Lower	Upper
75	100		
77	29.1	27.6	41.4
39	50.5	41.6	62.4

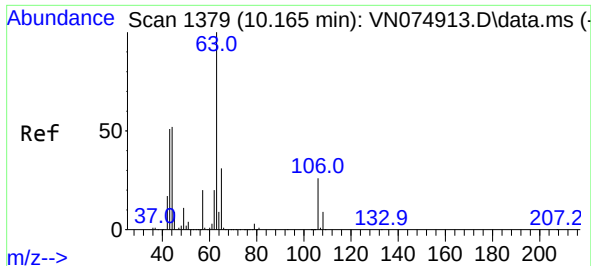


#55
1,1,2-Trichloroethane
Concen: 39.086 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 97 Resp: 290405

Ion	Ratio	Lower	Upper
97	100		
83	91.8	66.6	100.0
85	57.8	43.0	64.4
99	62.6	50.8	76.2

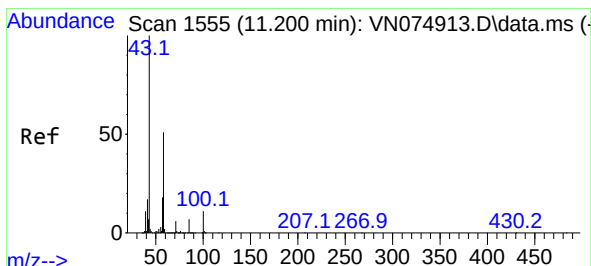
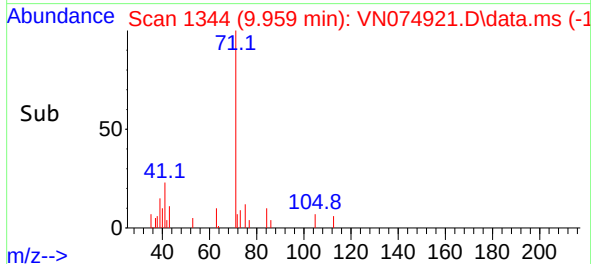
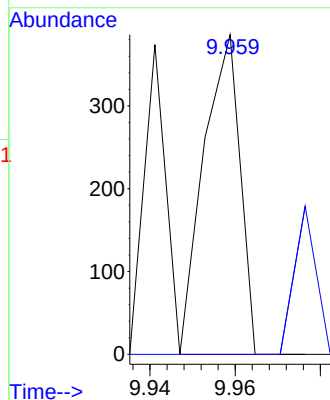
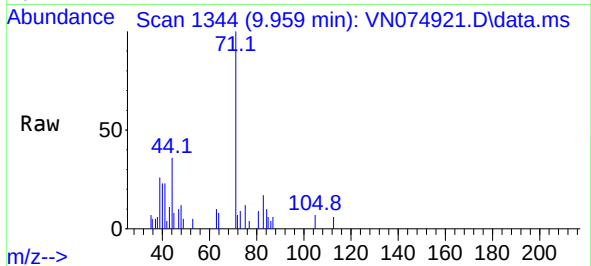




#58
2-Chloroethyl Vinyl ether
Concen: 9.403 ug/l
RT: 9.959 min Scan# 11
Delta R.T. -0.206 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

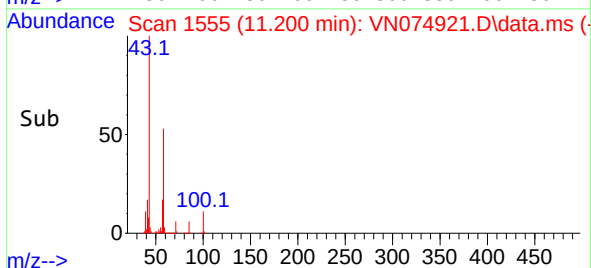
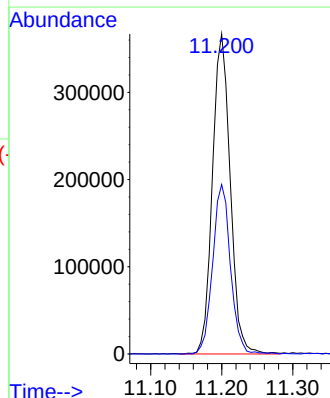
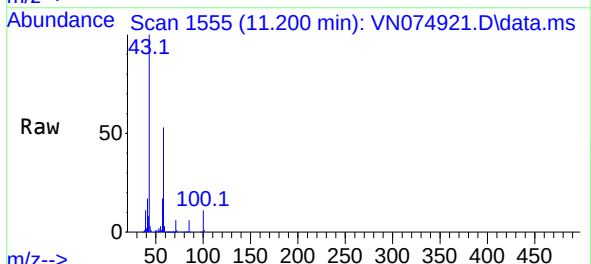
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

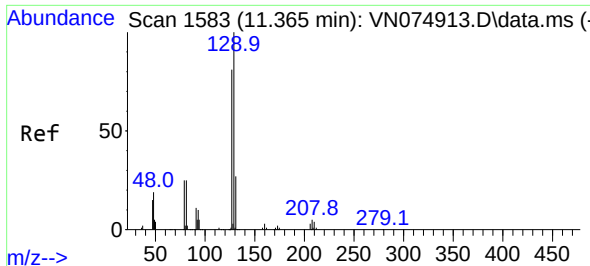
Tgt Ion: 63 Resp: 229
Ion Ratio Lower Upper
63 100
106 27.5 20.8 31.2



#59
2-Hexanone
Concen: 63.054 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 43 Resp: 637385
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9

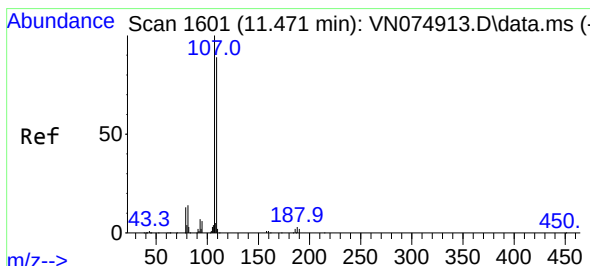
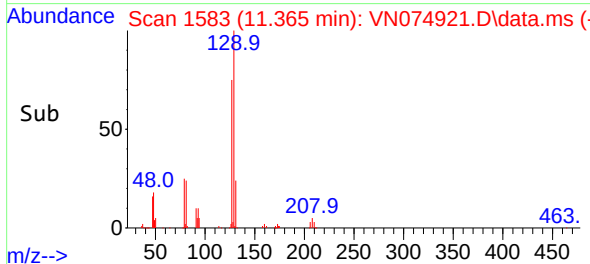
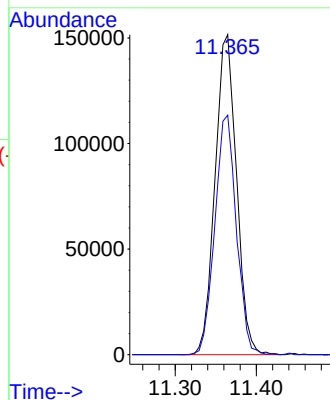
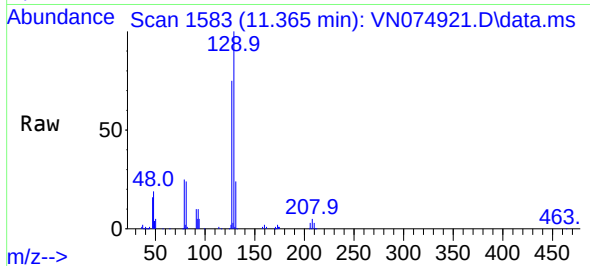




#60
Dibromochloromethane
Concen: 39.650 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

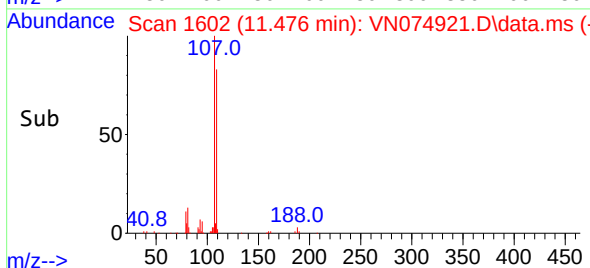
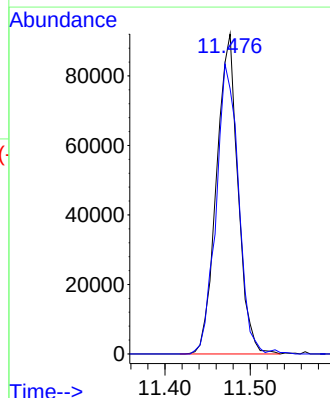
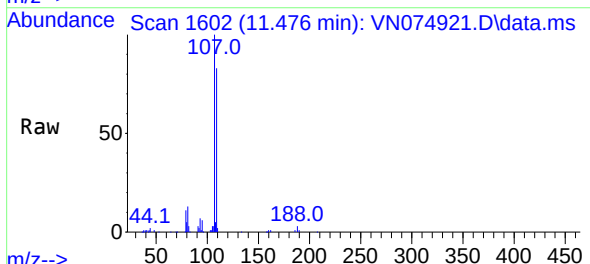
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

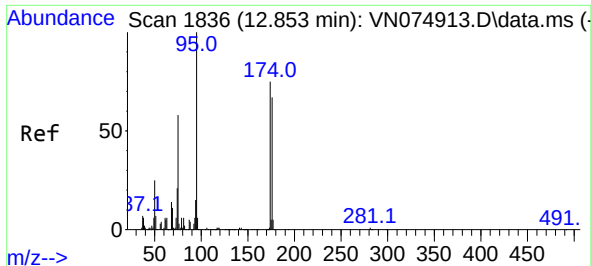
Tgt Ion:129 Resp: 278803
Ion Ratio Lower Upper
129 100
127 75.0 39.4 118.2



#61
1,2-Dibromoethane
Concen: 22.027 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:107 Resp: 160764
Ion Ratio Lower Upper
107 100
109 94.6 77.6 116.4

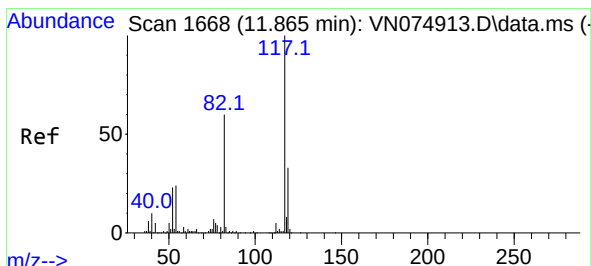
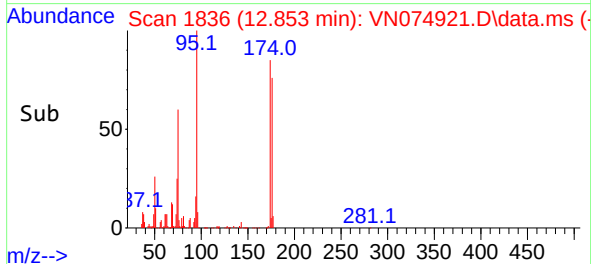
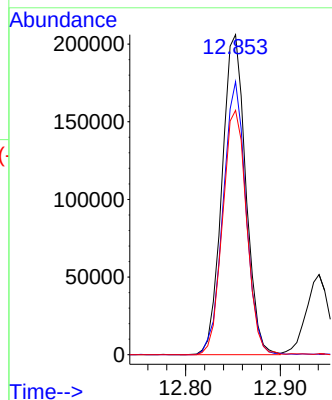
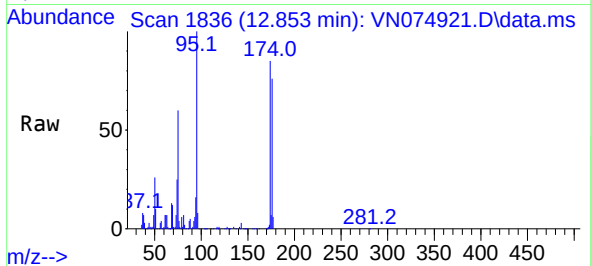




#62
4-Bromofluorobenzene
Concen: 44.919 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

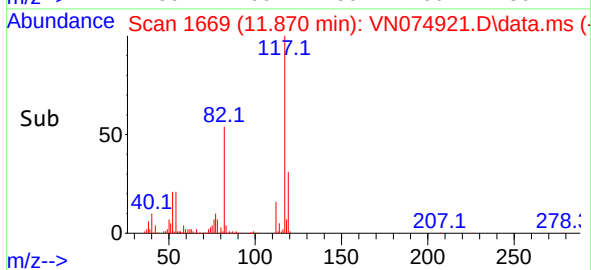
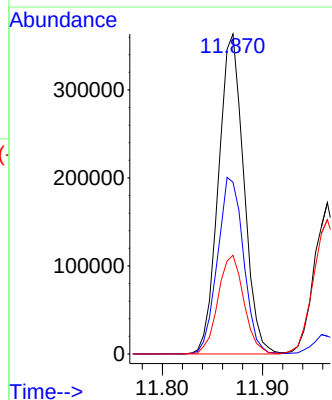
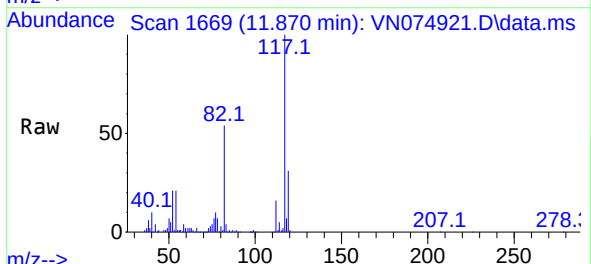
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

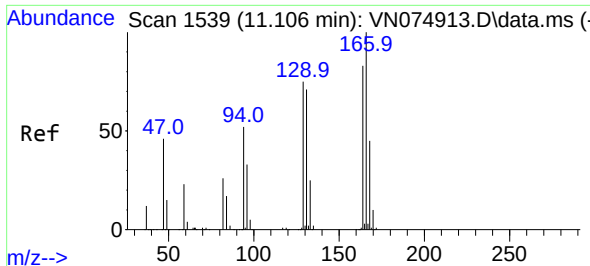
Tgt Ion: 95 Resp: 358805
Ion Ratio Lower Upper
95 100
174 82.4 0.0 157.8
176 77.1 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

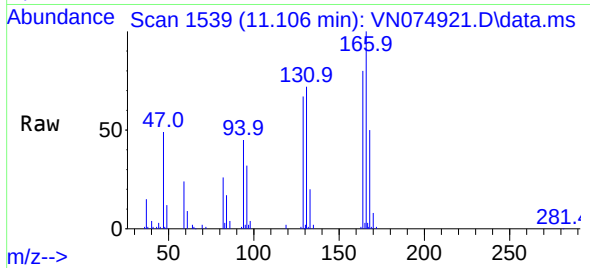
Tgt Ion: 117 Resp: 638360
Ion Ratio Lower Upper
117 100
82 53.6 48.0 72.0
119 30.9 26.1 39.1





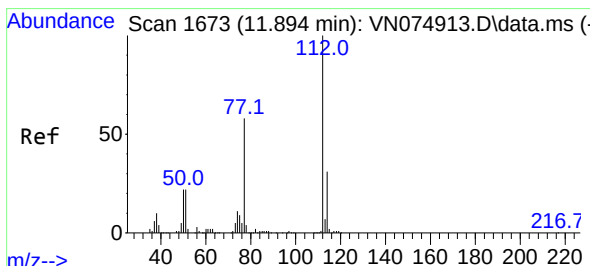
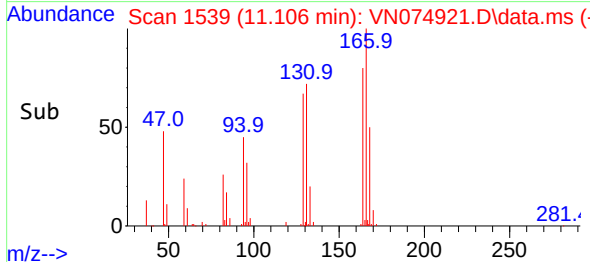
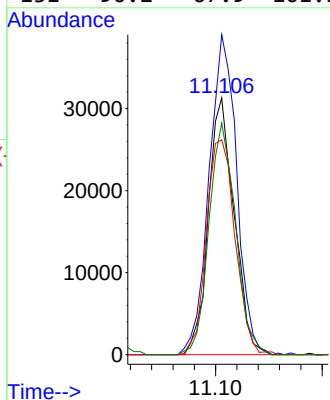
#64
Tetrachloroethene
Concen: 11.198 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL



Tgt Ion:164 Resp: 52878

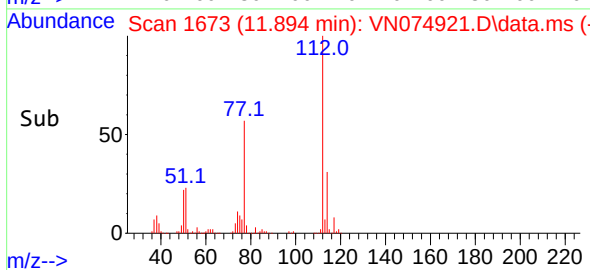
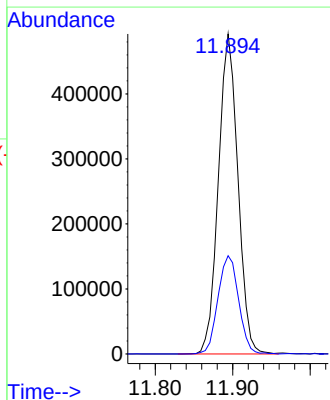
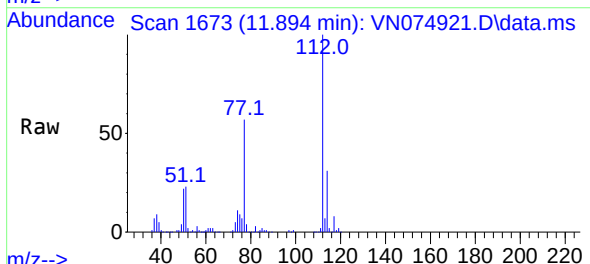
Ion	Ratio	Lower	Upper
164	100		
166	124.6	95.8	143.8
129	83.7	72.0	108.0
131	90.2	67.9	101.9

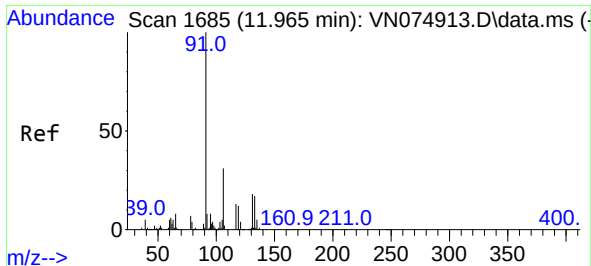


#65
Chlorobenzene
Concen: 47.012 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:112 Resp: 861809

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.2	37.8

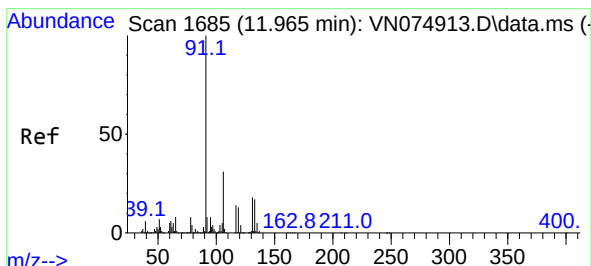
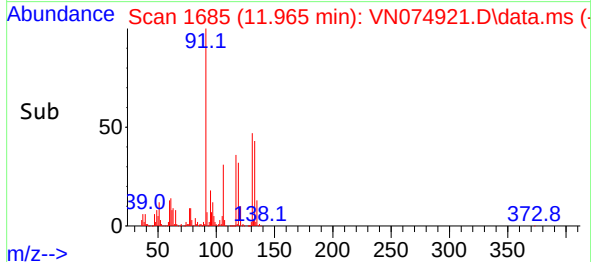
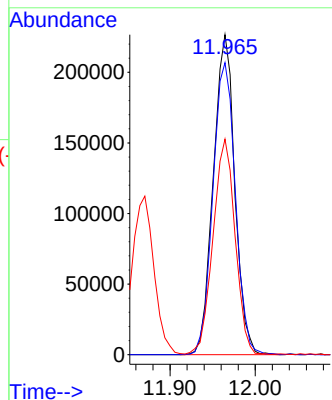
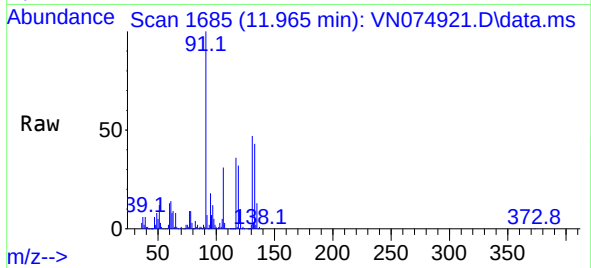




#66
1,1,1,2-Tetrachloroethane
Concen: 60.950 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

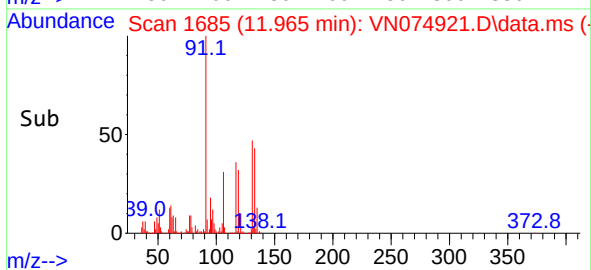
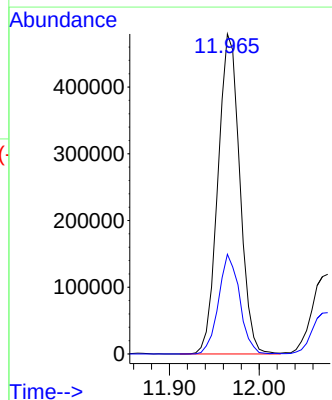
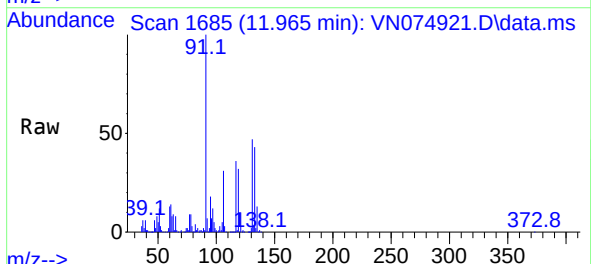
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

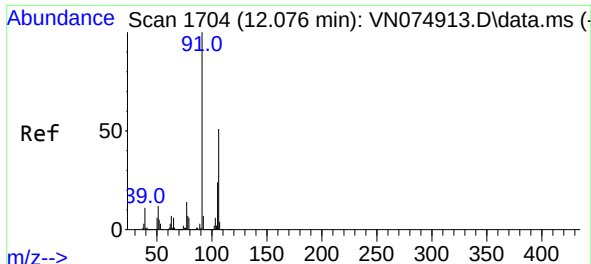
Tgt Ion:131 Resp: 396466
Ion Ratio Lower Upper
131 100
133 95.5 46.1 138.3
119 69.2 32.6 97.8



#67
Ethyl Benzene
Concen: 24.292 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 91 Resp: 809748
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

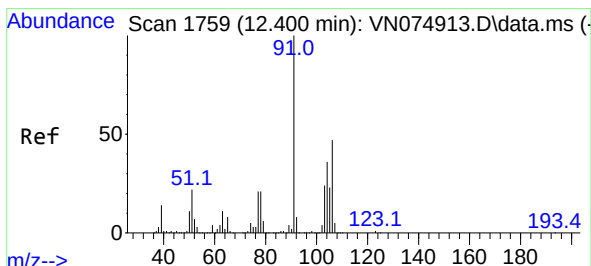
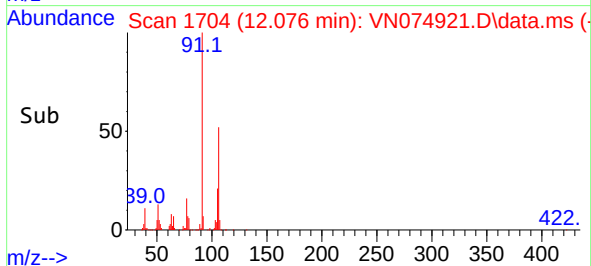
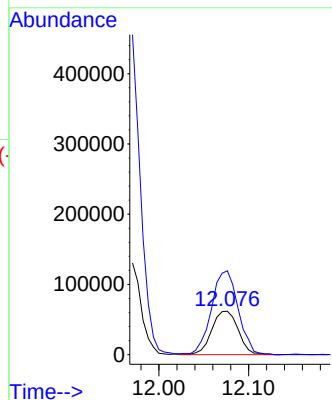
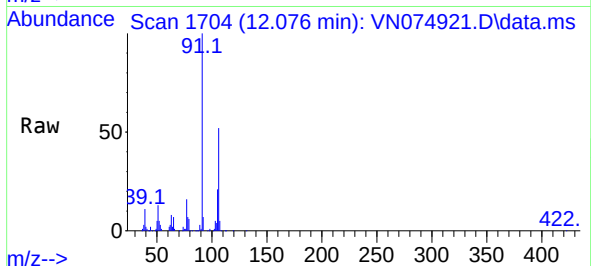




#68
m/p-Xylenes
Concen: 10.160 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

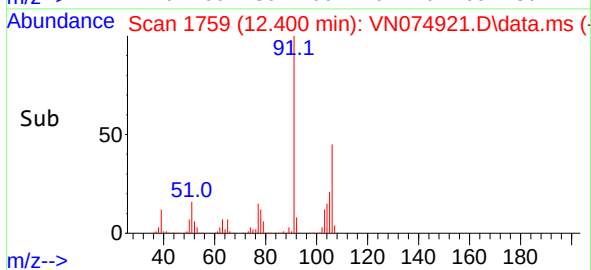
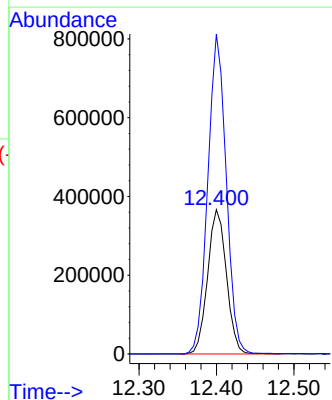
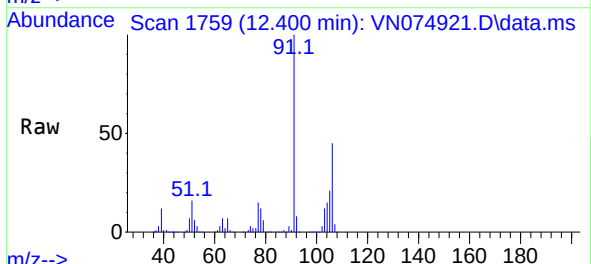
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

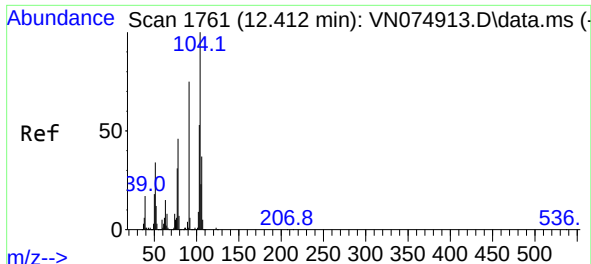
Tgt Ion:106 Resp: 126540
Ion Ratio Lower Upper
106 100
91 195.6 160.6 240.8



#69
o-Xylene
Concen: 48.826 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:106 Resp: 617608
Ion Ratio Lower Upper
106 100
91 216.6 105.9 317.7

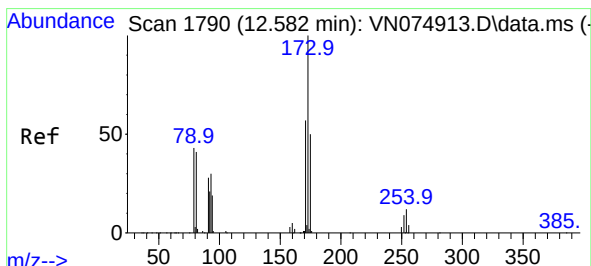
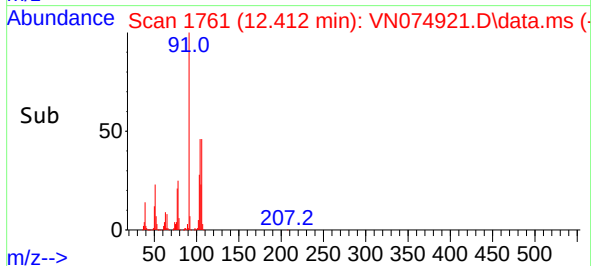
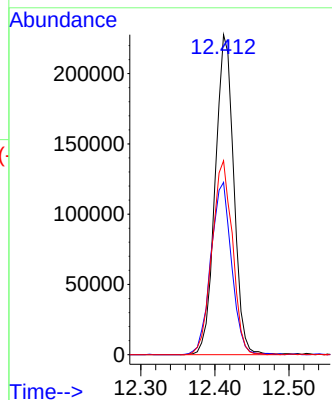
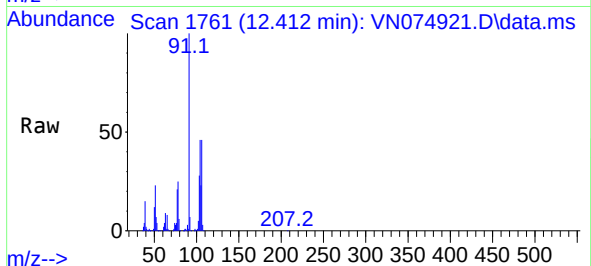




#70
Styrene
Concen: 19.880 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

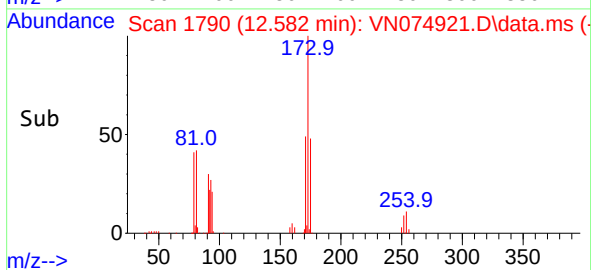
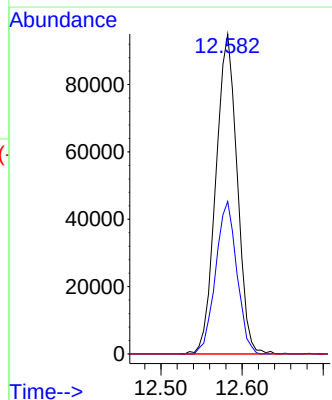
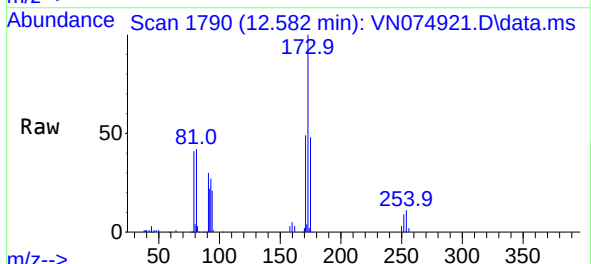
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

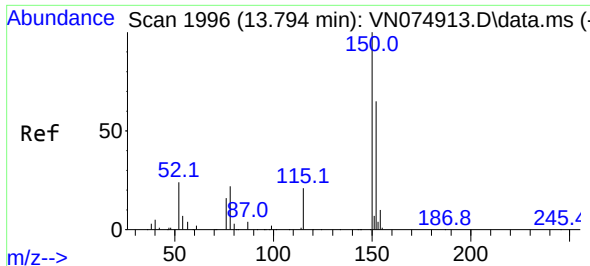
Tgt Ion:104 Resp: 395353
Ion Ratio Lower Upper
104 100
78 60.4 38.8 58.2#
103 66.9 45.0 67.4



#71
Bromoform
Concen: 36.225 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:173 Resp: 173485
Ion Ratio Lower Upper
173 100
175 47.4 24.5 73.5
254 0.0 0.0 0.0

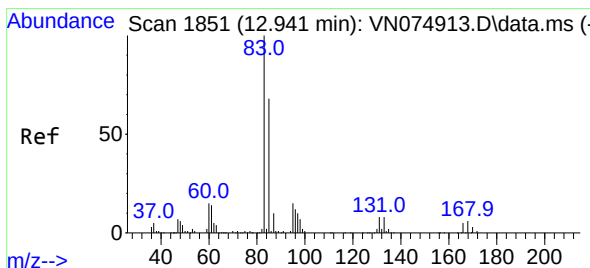
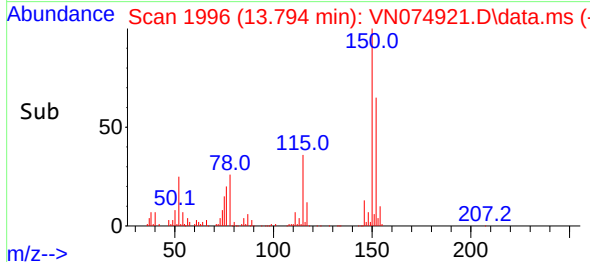
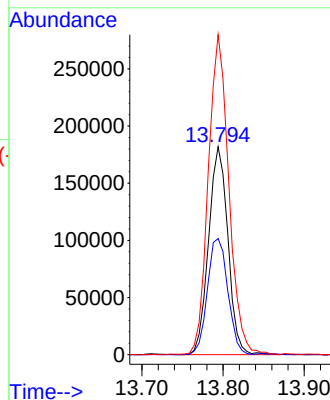
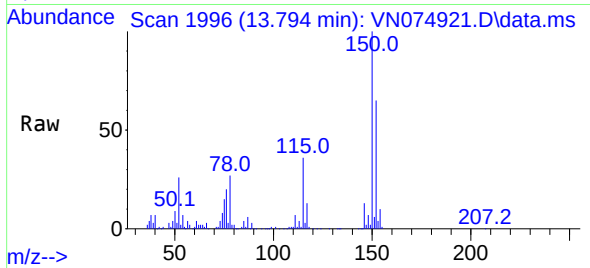




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

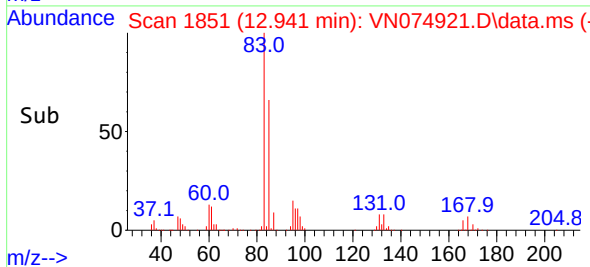
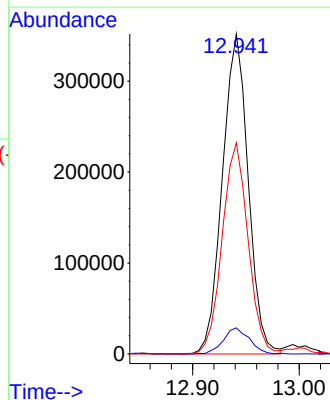
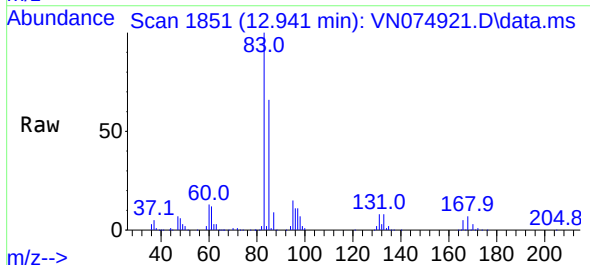
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WPDL

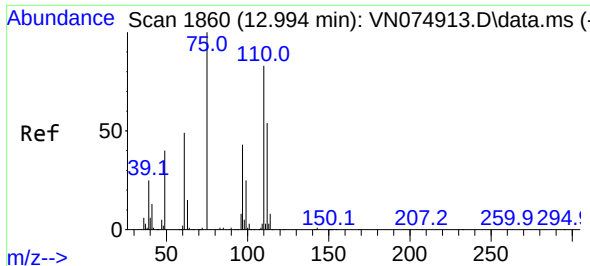
Tgt Ion:152 Resp: 301346
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.7 89.1
 150 163.7 0.0 341.6



#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.093 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

Tgt Ion: 83 Resp: 592909
 Ion Ratio Lower Upper
 83 100
 131 8.3 4.3 12.8
 85 66.0 32.6 97.8

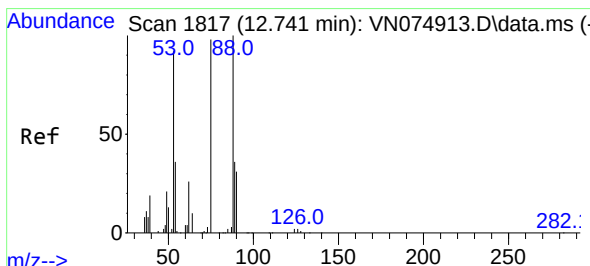
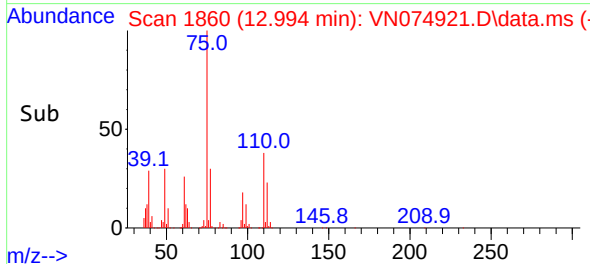
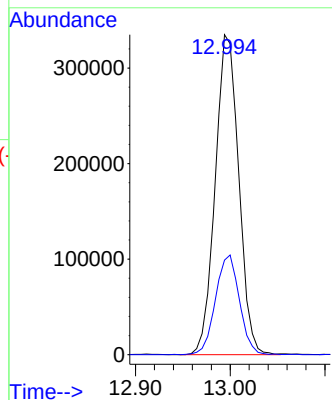
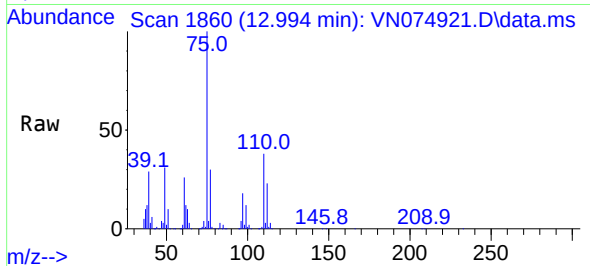




#76
1,2,3-Trichloropropane
Concen: 67.837 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

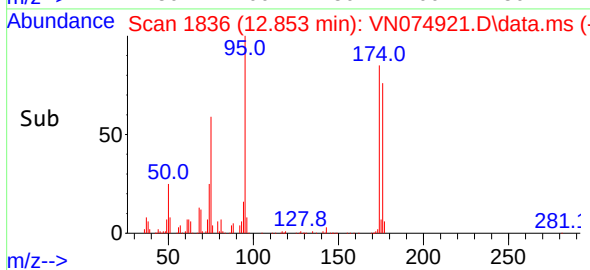
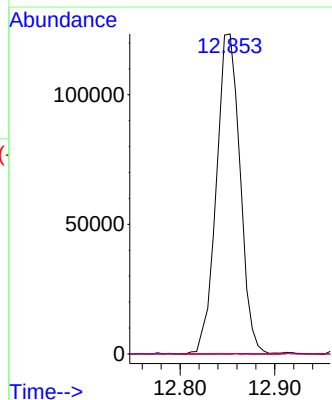
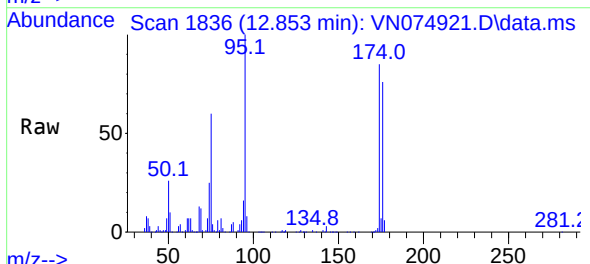
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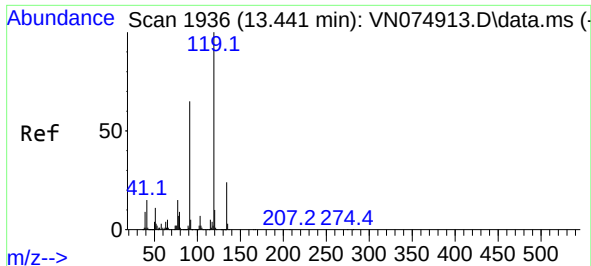
Tgt Ion: 75 Resp: 577787
Ion Ratio Lower Upper
75 100
77 31.7 77.8 233.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.662 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 75 Resp: 214950
Ion Ratio Lower Upper
75 100
53 0.1 82.4 123.6#
89 0.0 34.7 52.1#

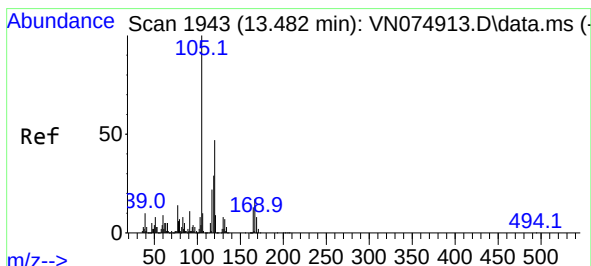
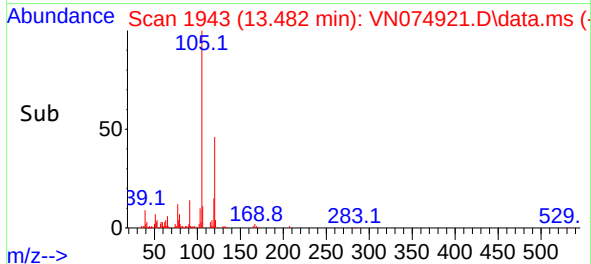
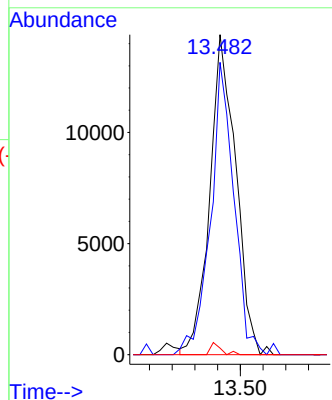
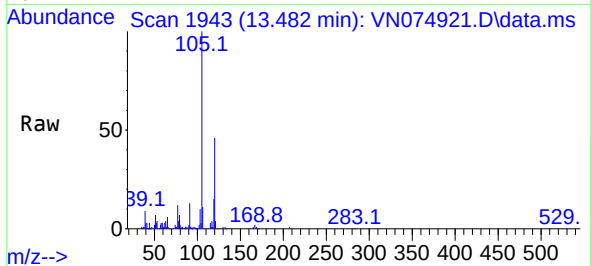




#83
tert-Butylbenzene
Concen: 1.064 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

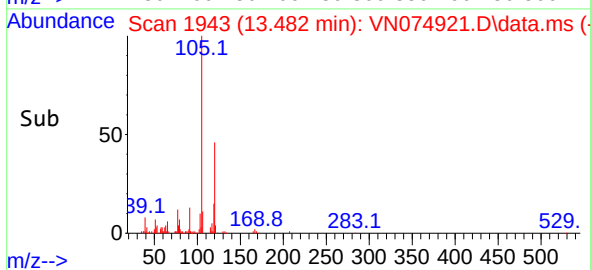
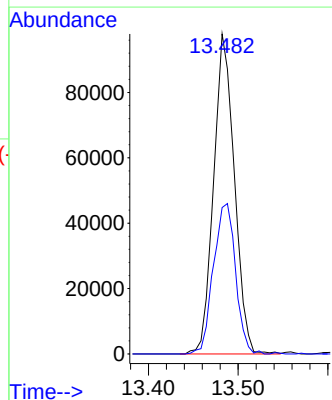
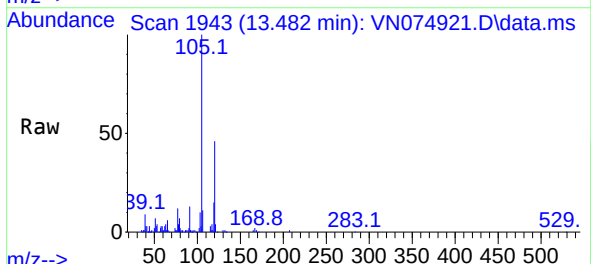
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

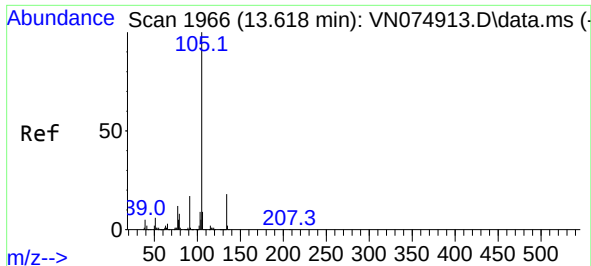
Tgt Ion:119 Resp: 22946
Ion Ratio Lower Upper
119 100
91 81.8 33.1 99.2
134 1.5 13.1 39.3#



#84
1,2,4-Trimethylbenzene
Concen: 6.952 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:105 Resp: 157227
Ion Ratio Lower Upper
105 100
120 50.0 21.9 65.8

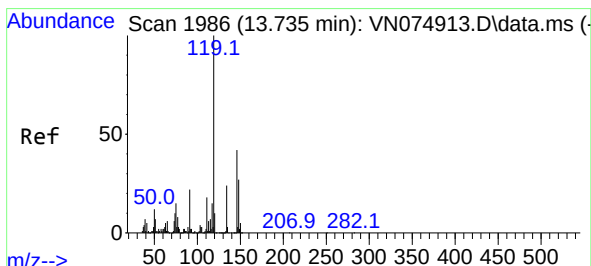
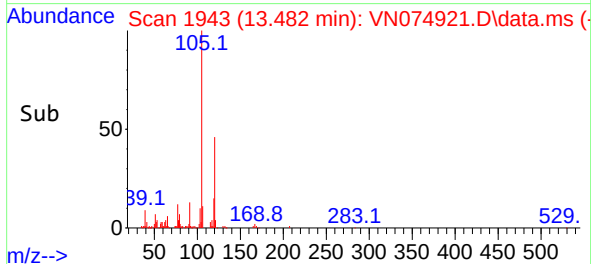
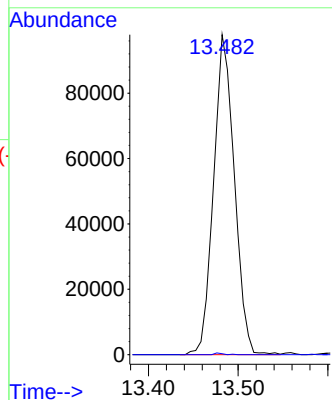
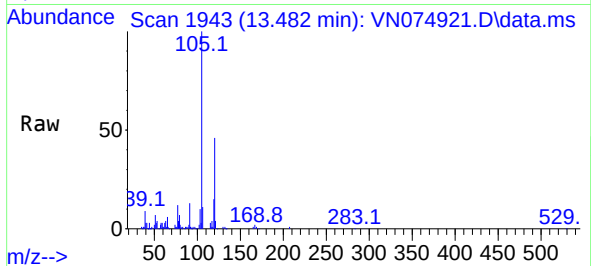




#85
 sec-Butylbenzene
 Concen: 5.322 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.135 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

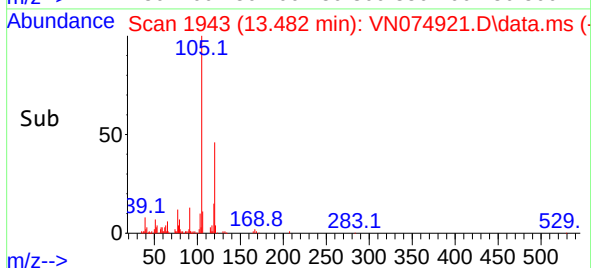
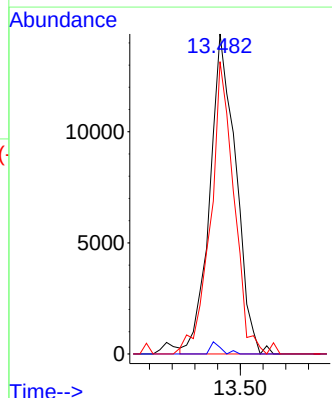
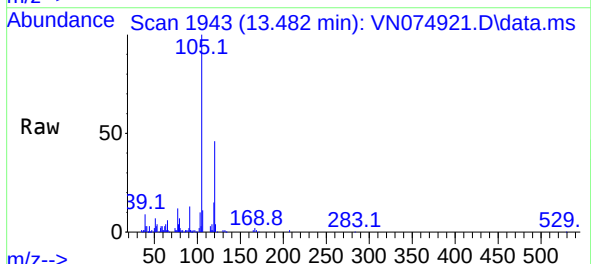
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WPDL

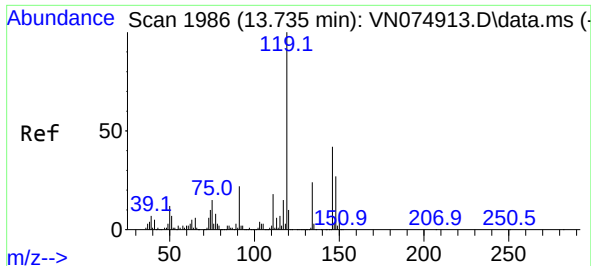
Tgt Ion:105 Resp: 157227
 Ion Ratio Lower Upper
 105 100
 134 0.2 9.2 27.4#



#86
 p-Isopropyltoluene
 Concen: 1.024 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.253 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

Tgt Ion:119 Resp: 22946
 Ion Ratio Lower Upper
 119 100
 134 1.5 12.3 36.9#
 91 81.4 11.8 35.4#

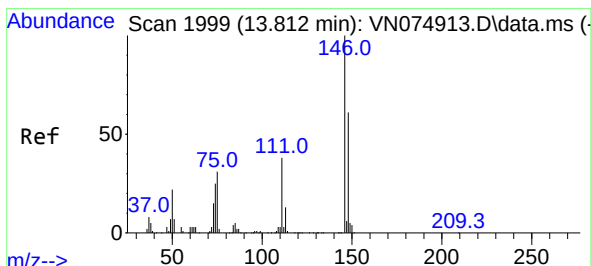
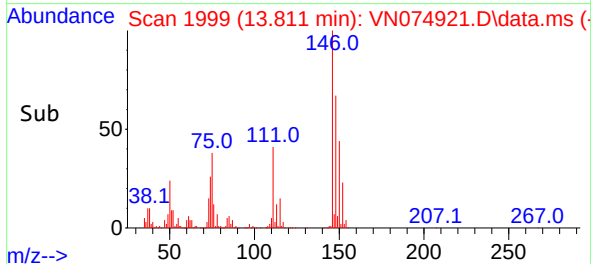
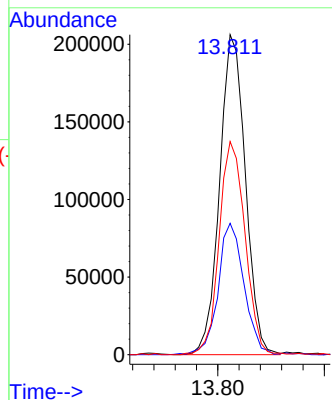
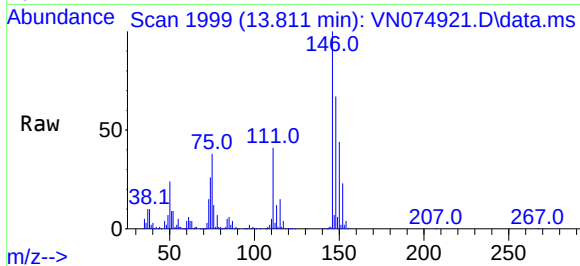




#87
 1,3-Dichlorobenzene
 Concen: 33.431 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. 0.076 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

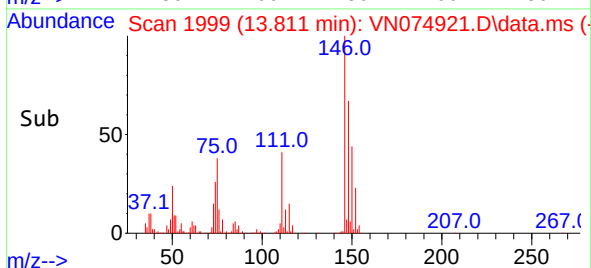
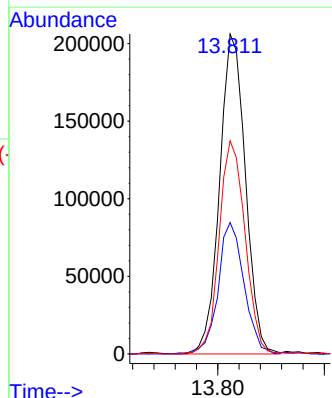
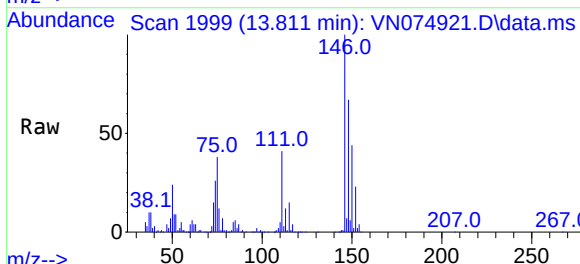
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WPDL

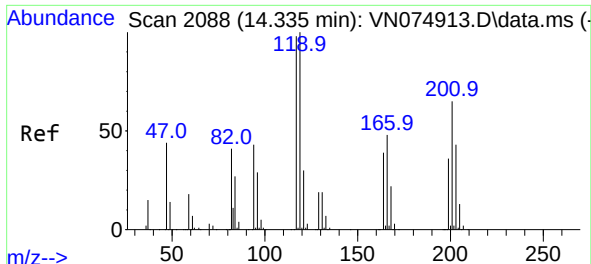
Tgt Ion:146 Resp: 346381
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 66.9 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 31.643 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

Tgt Ion:146 Resp: 346381
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.4 58.1
 148 66.9 31.8 95.3

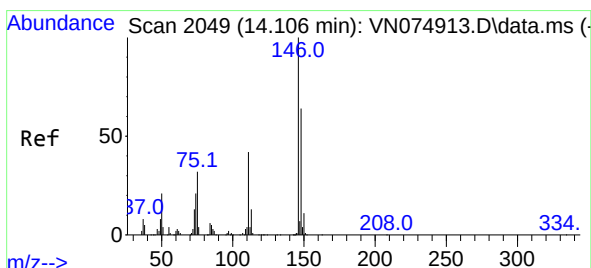
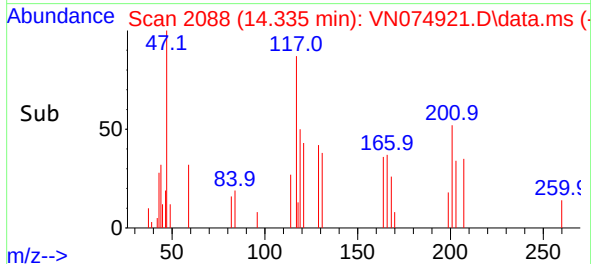
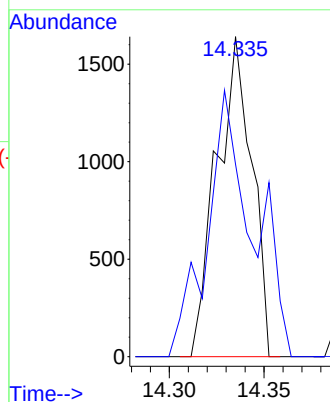
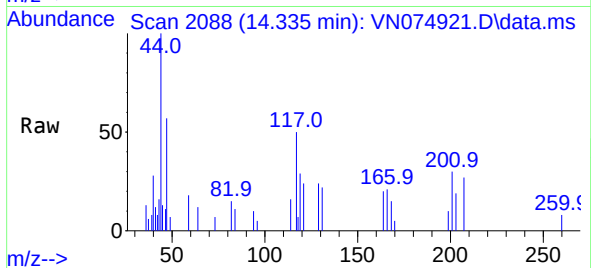




#90
Hexachloroethane
Concen: 0.457 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

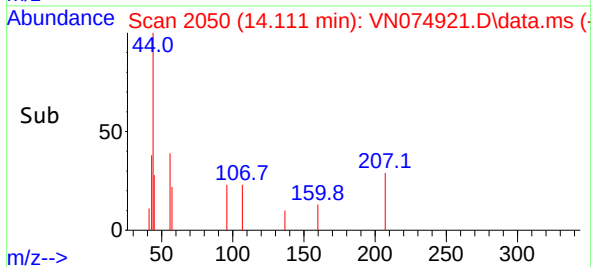
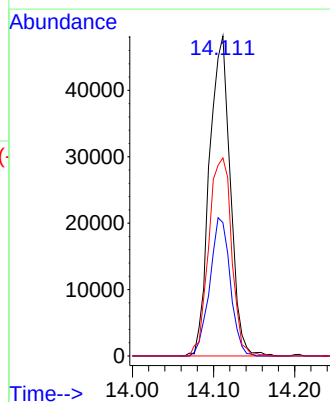
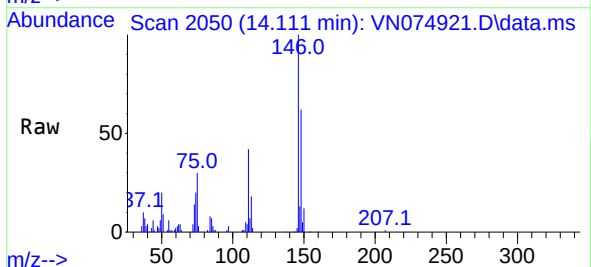
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

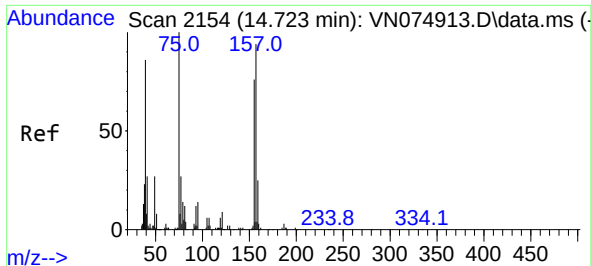
Tgt Ion:117 Resp: 2117
Ion Ratio Lower Upper
117 100
201 108.3 31.6 95.0#



#91
1,2-Dichlorobenzene
Concen: 8.293 ug/l
RT: 14.111 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:146 Resp: 85822
Ion Ratio Lower Upper
146 100
111 42.4 20.4 61.3
148 67.9 32.1 96.3

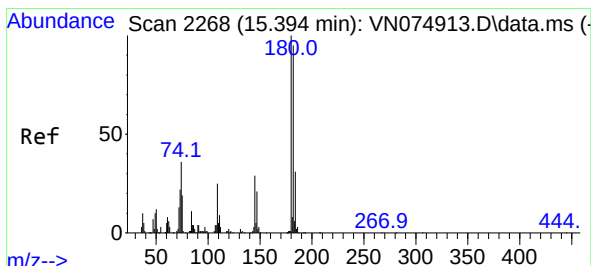
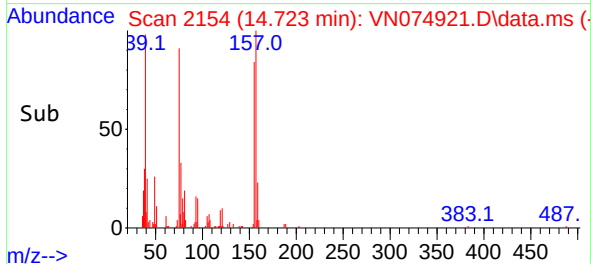
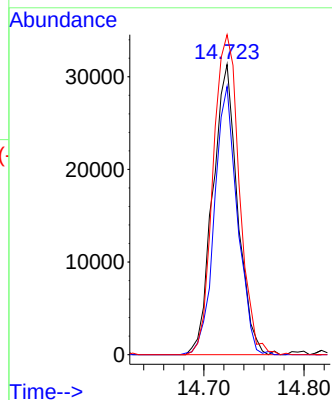
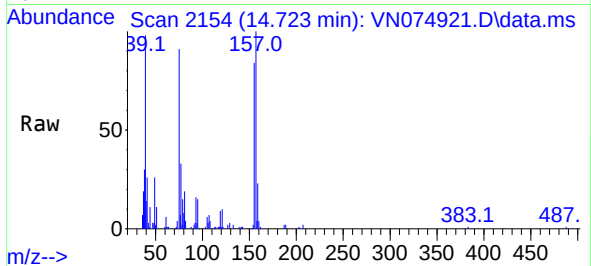




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 30.328 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

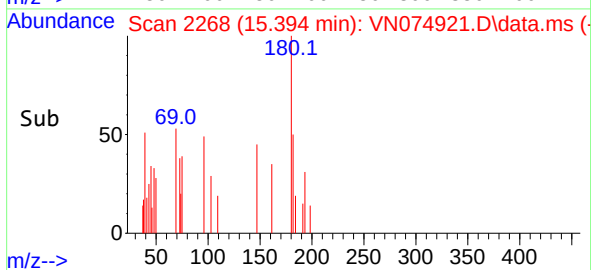
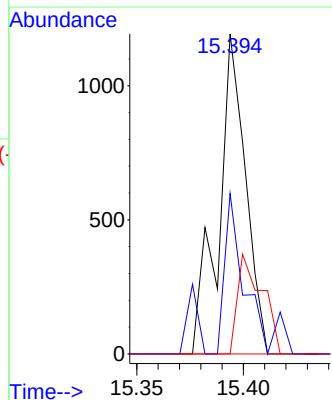
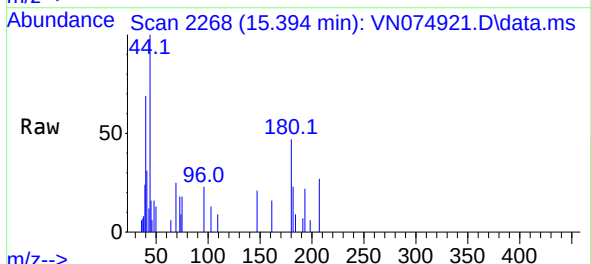
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WPDL

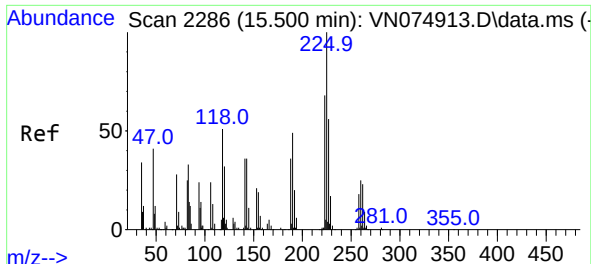
Tgt Ion: 75 Resp: 54047
 Ion Ratio Lower Upper
 75 100
 155 85.3 39.9 119.6
 157 115.8 50.6 151.8



#93
 1,2,4-Trichlorobenzene
 Concen: 0.218 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN074921.D
 Acq: 17 Oct 2022 17:20

Tgt Ion:180 Resp: 1057
 Ion Ratio Lower Upper
 180 100
 182 39.8 49.1 147.3#
 145 0.0 15.4 46.4#

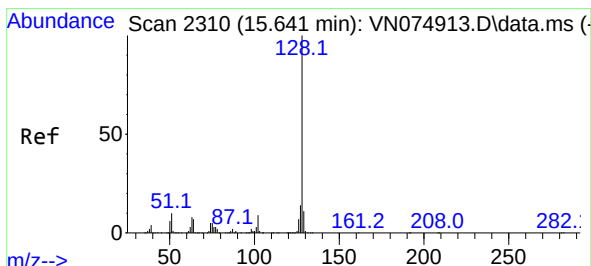
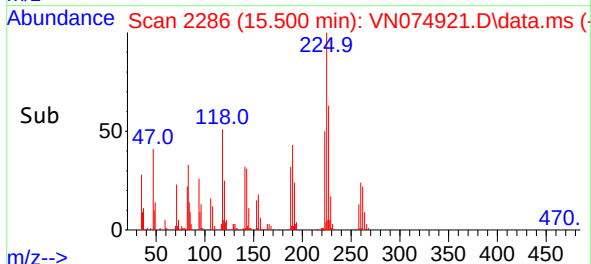
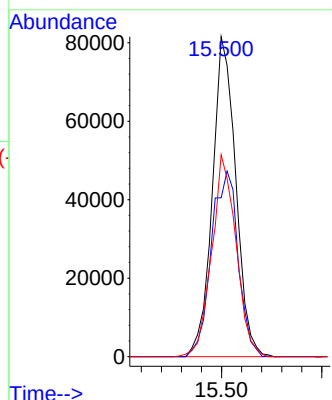
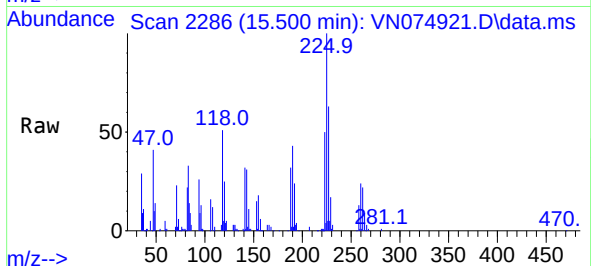




#94
Hexachlorobutadiene
Concen: 56.913 ug/l
RT: 15.500 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

Tgt Ion:	225	Resp:	131574
Ion	Ratio	Lower	Upper
225	100		
223	66.4	29.8	89.5
227	65.6	30.1	90.5



#95
Naphthalene
Concen: 0.269 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN074921.D
Acq: 17 Oct 2022 17:20

Tgt Ion:	128	Resp:	5614
Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.8	16.2#
129	8.1	8.7	13.1#

