

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031869.D
 Acq On : 04 Oct 2022 15:10
 Operator : JC/MD
 Sample : N4785-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Oct 05 06:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87794	48.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	5.385	113	85434	48.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	8.647	98	318046	50.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	116244	50.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1575	1.149	ug/l	99
4) Vinyl Chloride	1.374	62	119954	68.676	ug/l	99
5) Bromomethane	1.611	94	79521	73.115	ug/l	97
10) Methyl Iodide	2.459	142	1818	1.258	ug/l #	92
11) Tert butyl alcohol	3.093	59	1079	4.276	ug/l #	73
14) Allyl chloride	2.788	41	2283	1.265	ug/l #	22
16) Acetone	2.392	43	81850	190.564	ug/l #	88
17) Carbon Disulfide	2.514	76	236	Below Cal	#	75
20) Methylene Chloride	2.788	84	100689	63.496	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	25255	15.236	ug/l	84
25) 2-Butanone	4.568	43	62320	74.926	ug/l #	88
27) cis-1,2-Dichloroethene	4.489	96	168934	87.651	ug/l	72
30) Chloroform	5.105	83	1633	0.531	ug/l #	81
31) Cyclohexane	5.550	56	1579	0.731	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6630	3.017	ug/l #	51
37) Ethyl Acetate	4.568	43	62320	37.459	ug/l #	68
38) Carbon Tetrachloride	5.678	117	174843	64.082	ug/l	95
39) Methylcyclohexane	7.129	83	1102	0.409	ug/l #	1
40) Benzene	6.038	78	231878	36.521	ug/l	97
42) 1,2-Dichloroethane	6.086	62	300552	135.121	ug/l	94
44) Trichloroethene	7.123	130	108163	52.731	ug/l	87
46) Dibromomethane	7.824	93	6119	4.935	ug/l #	8
47) Bromodichloromethane	7.824	83	178610	71.982	ug/l	98
48) Methyl methacrylate	7.964	41	1309	1.087	ug/l #	35
49) 1,4-Dioxane	7.818	88	221	5.664	ug/l #	24
51) 4-Methyl-2-Pentanone	8.647	43	1116	0.661	ug/l #	1
52) Toluene	8.720	92	261988	58.858	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	193888	81.945	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	151501	58.433	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	163652	92.242	ug/l	96
59) 2-Hexanone	9.433	43	184172	150.034	ug/l	86
60) Dibromochloromethane	9.519	129	183393	85.148	ug/l	99
61) 1,2-Dibromoethane	9.610	107	97998	49.743	ug/l	98
64) Tetrachloroethene	9.275	164	27622	12.953	ug/l	94
65) Chlorobenzene	10.079	112	420629	81.329	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	213961	107.479	ug/l	98

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

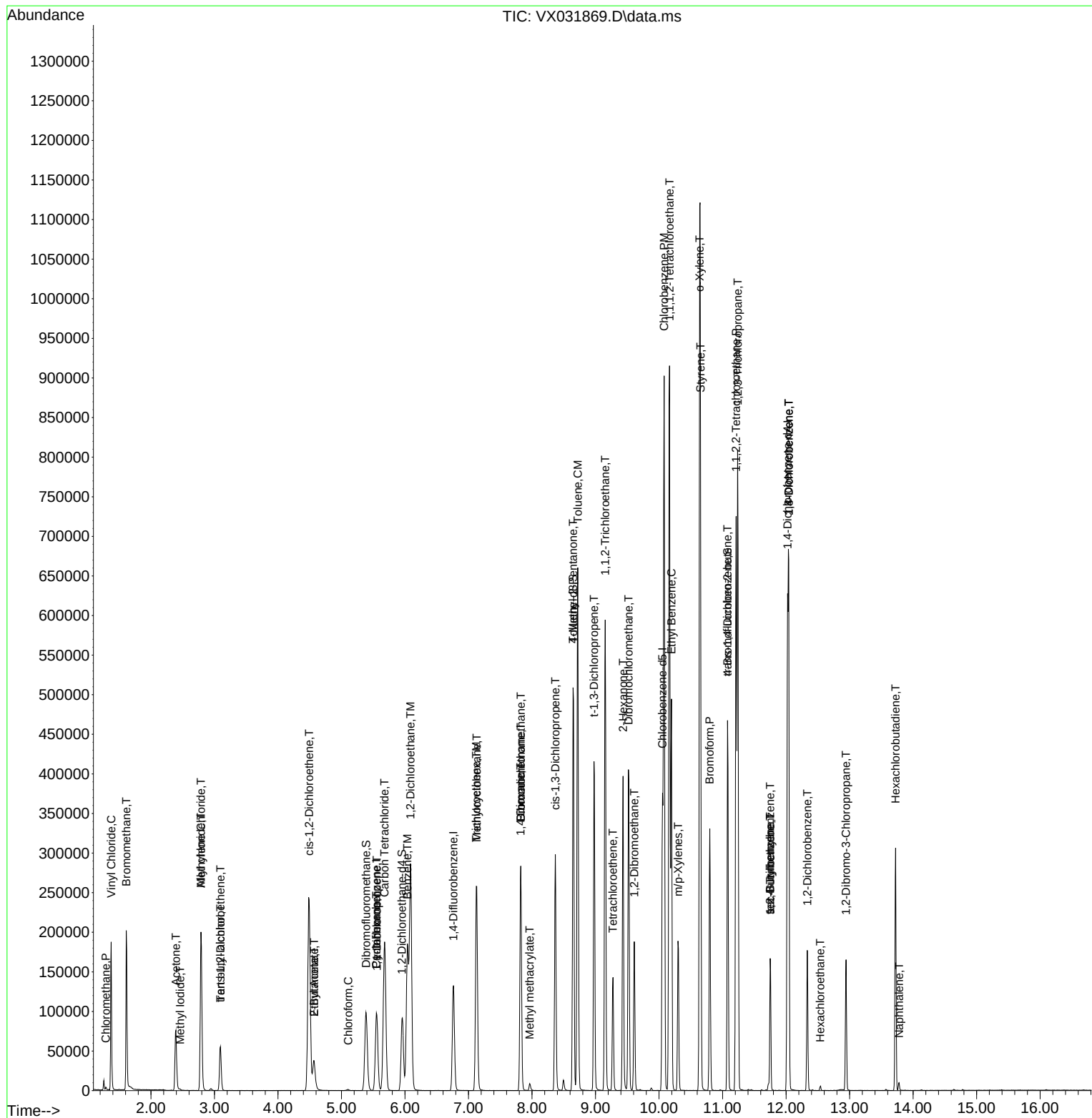
67) Ethyl Benzene	10.195	91	285072	33.485	ug/l	95
68) m/p-Xylenes	10.299	106	49858	14.185	ug/l	92
69) o-Xylene	10.640	106	249770	73.763	ug/l	89
70) Styrene	10.653	104	172462	31.335	ug/l	93
71) Bromoform	10.799	173	121544	72.604	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	267399	107.455	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	243529	108.146	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.079	75	55195	84.143	ug/l #	11
83) tert-Butylbenzene	11.750	119	10235	1.387	ug/l #	70
84) 1,2,4-Trimethylbenzene	11.750	105	75774	10.429	ug/l	95
85) sec-Butylbenzene	11.750	105	75774	8.530	ug/l #	56
87) 1,3-Dichlorobenzene	12.043	146	227003	52.175	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	227003	49.955	ug/l	97
90) Hexachloroethane	12.536	117	633	0.453	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	58493	13.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28239	53.964	ug/l	65
94) Hexachlorobutadiene	13.725	225	43351	39.506	ug/l	98
95) Naphthalene	13.780	128	8174	0.984	ug/l	96

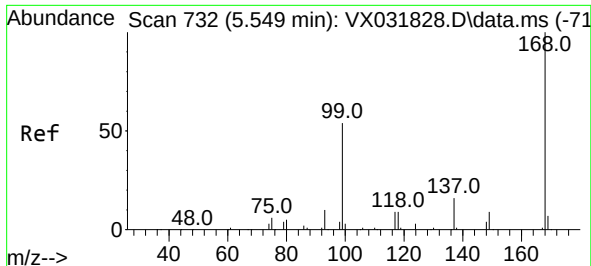
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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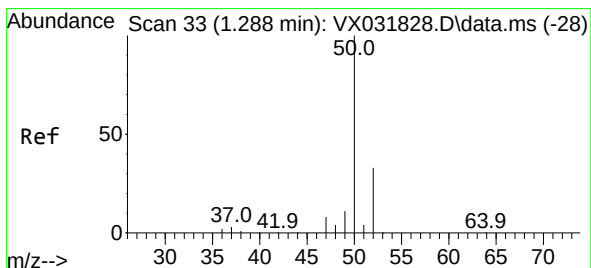
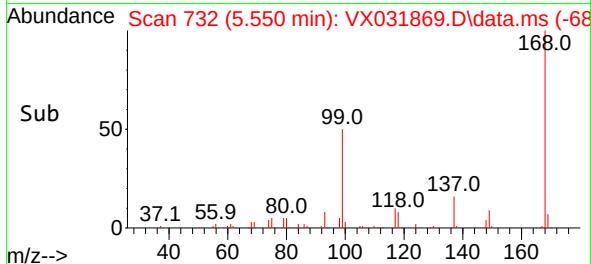
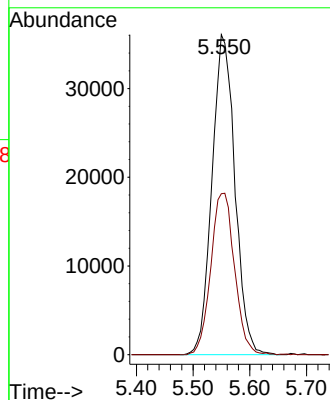
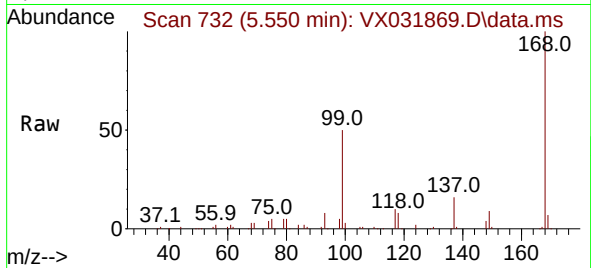




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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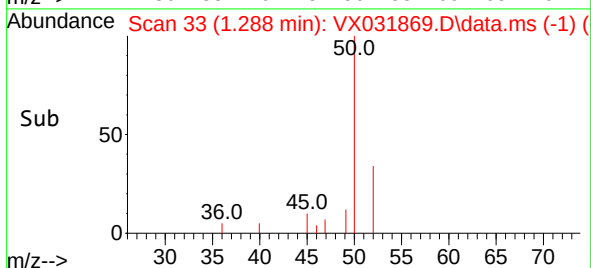
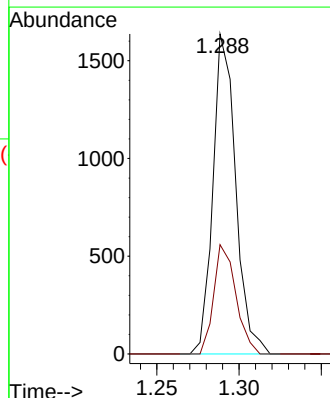
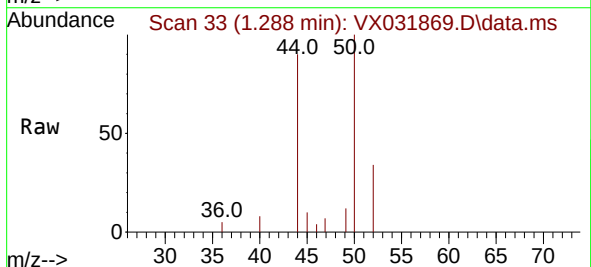
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

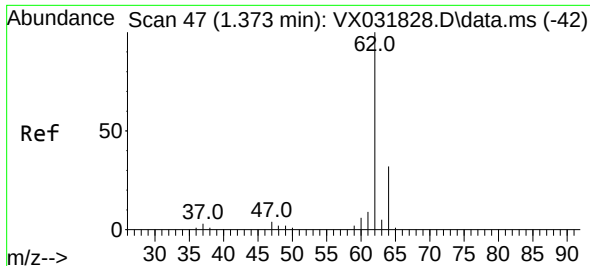
Tgt Ion:168 Resp: 101178
Ion Ratio Lower Upper
168 100
99 50.3 48.8 73.2



#3
Chloromethane
Concen: 1.149 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 50 Resp: 1575
Ion Ratio Lower Upper
50 100
52 34.1 26.9 40.3

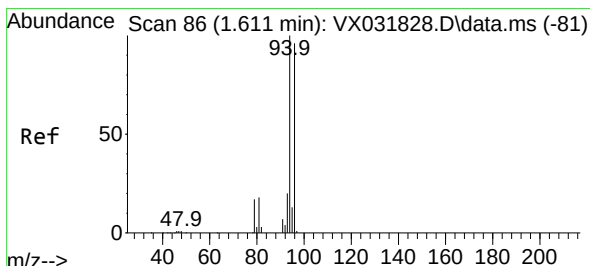
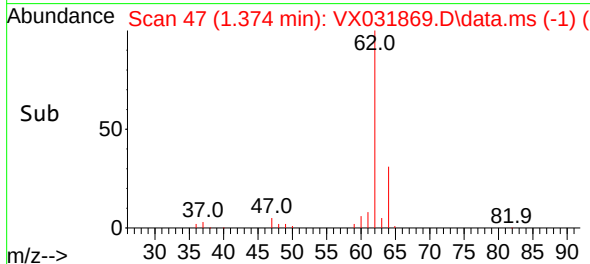
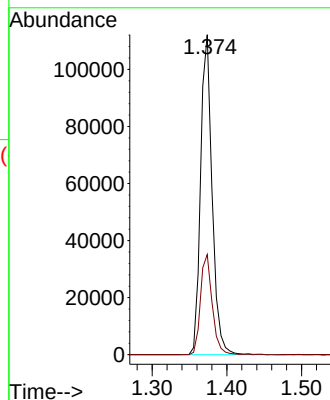
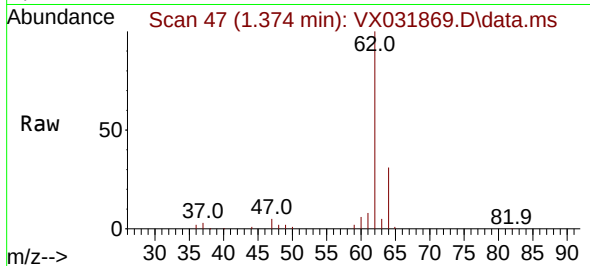




#4
 Vinyl Chloride
 Concen: 68.676 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

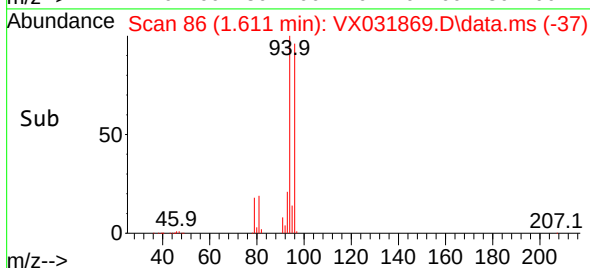
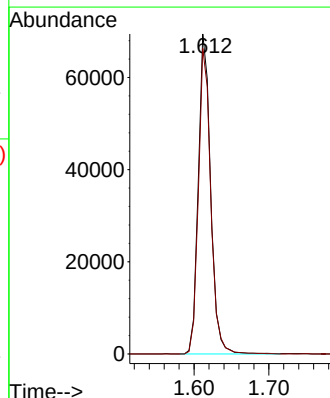
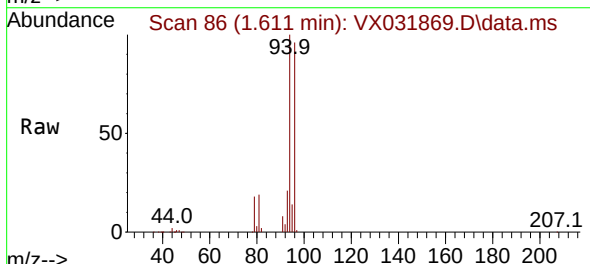
Instrument :
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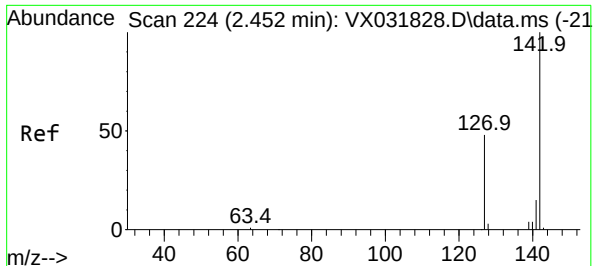
Tgt Ion: 62 Resp: 119954
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.3 37.9



#5
 Bromomethane
 Concen: 73.115 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

Tgt Ion: 94 Resp: 79521
 Ion Ratio Lower Upper
 94 100
 96 95.5 74.4 111.6

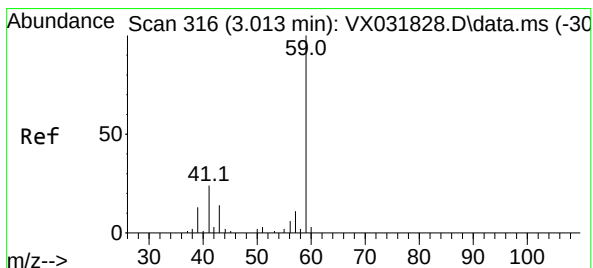
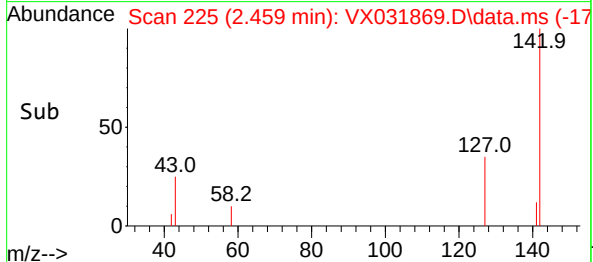
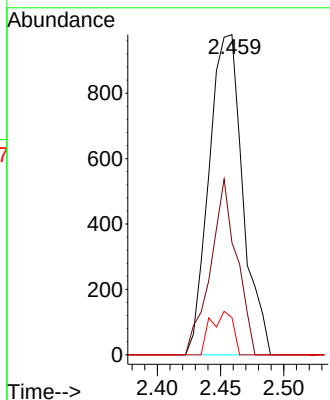
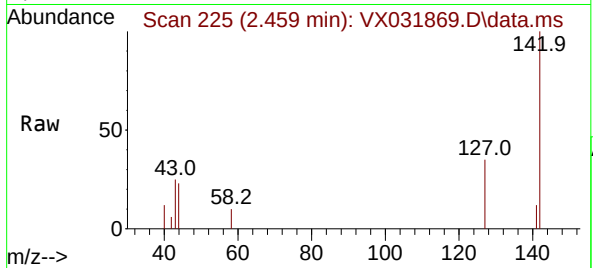




#10
Methyl Iodide
Concen: 1.258 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

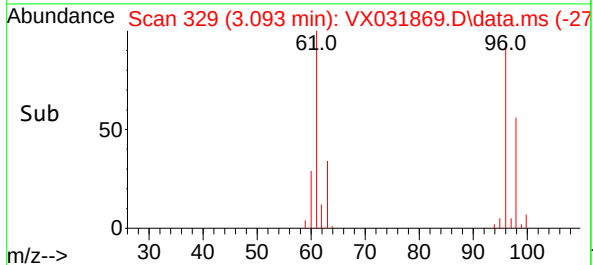
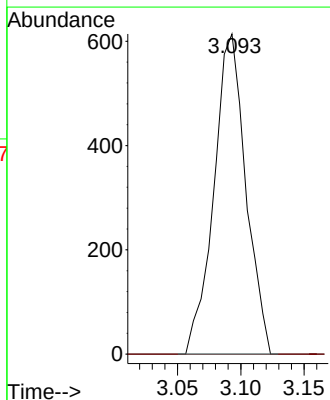
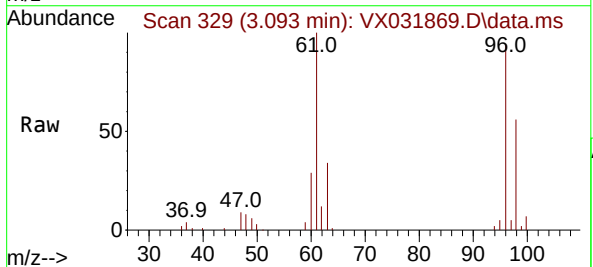
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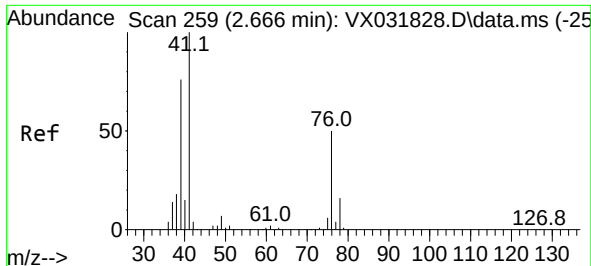
Tgt Ion:142 Resp: 1818
Ion Ratio Lower Upper
142 100
127 42.6 37.4 56.0
141 9.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.276 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.012 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 59 Resp: 1079
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

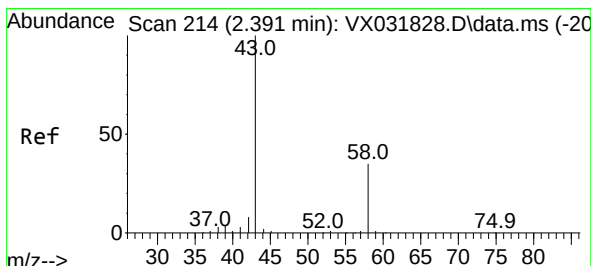
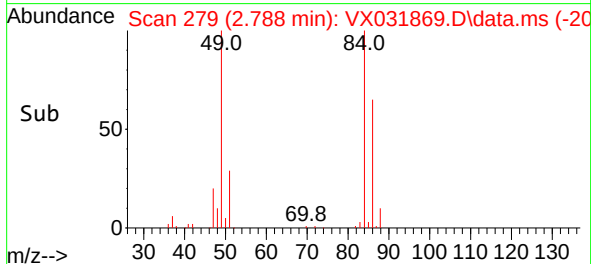
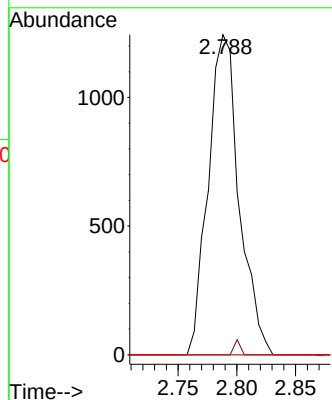
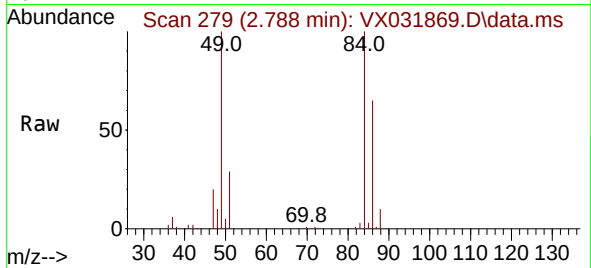




#14
 Allyl chloride
 Concen: 1.265 ug/l
 RT: 2.788 min Scan# 21
 Delta R.T. 0.128 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

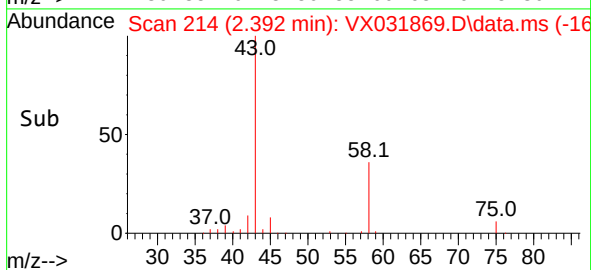
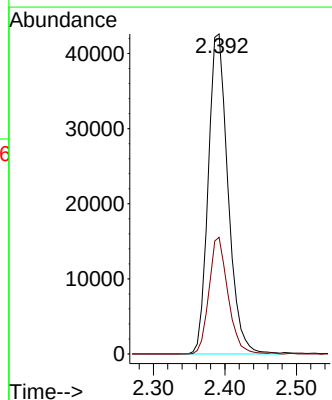
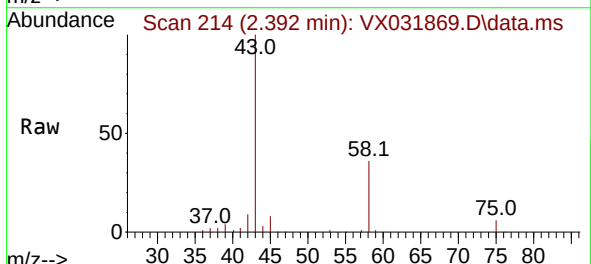
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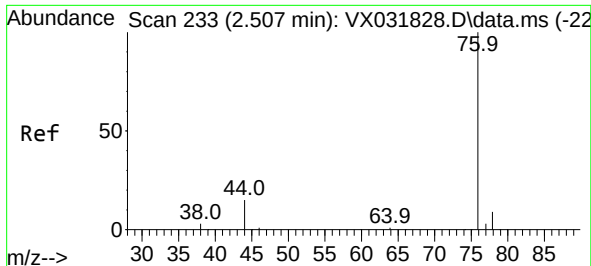
Tgt Ion: 41 Resp: 2283
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.2 87.4#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 190.564 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

Tgt Ion: 43 Resp: 81850
 Ion Ratio Lower Upper
 43 100
 58 36.5 23.8 35.8#

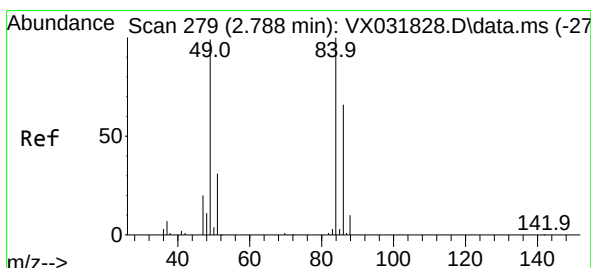
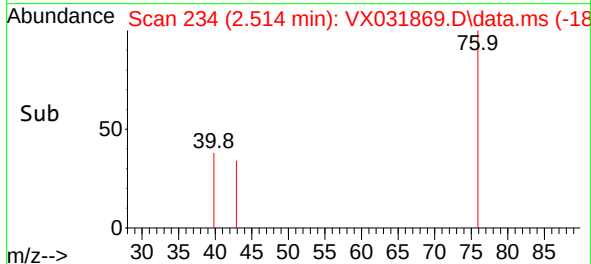
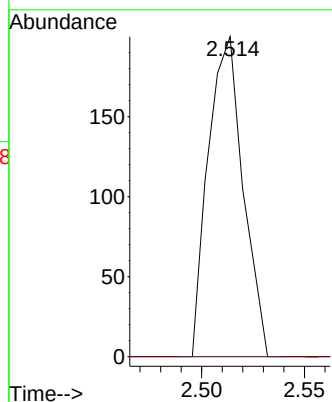
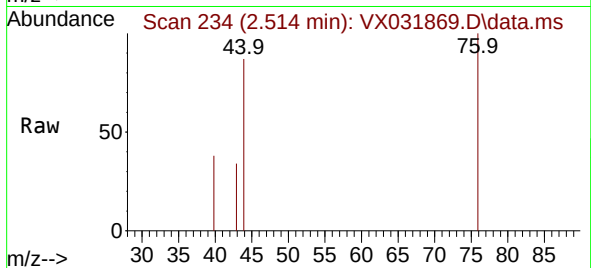




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
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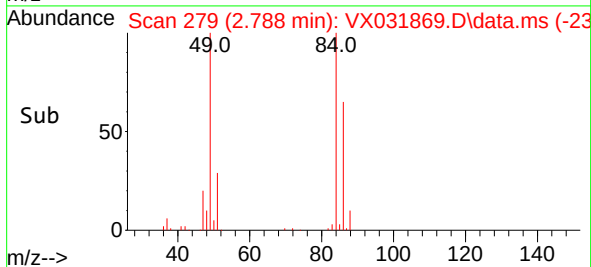
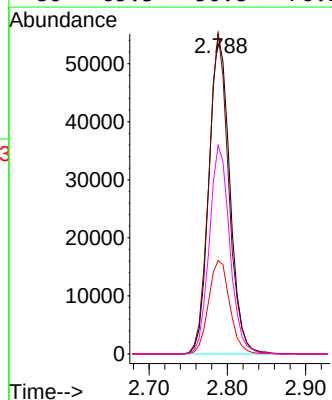
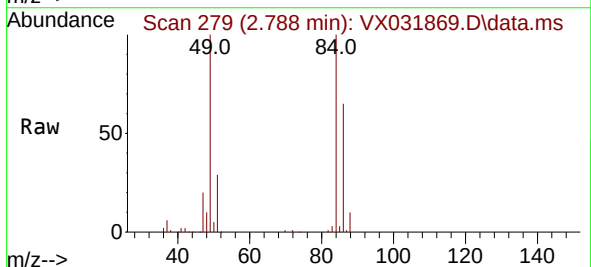
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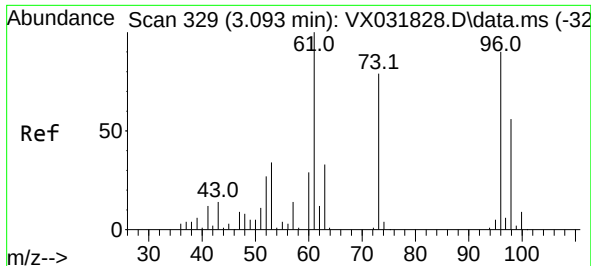
Tgt Ion: 76 Resp: 236
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 63.496 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 84 Resp: 100689
Ion Ratio Lower Upper
84 100
49 100.1 105.9 158.9#
51 29.2 32.2 48.2#
86 65.3 50.8 76.2

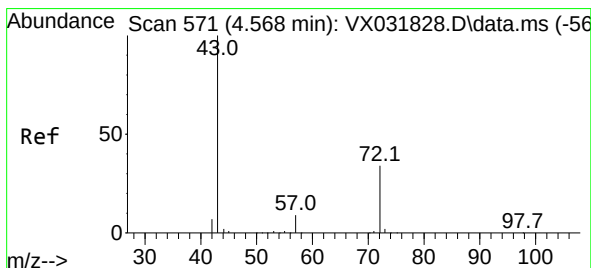
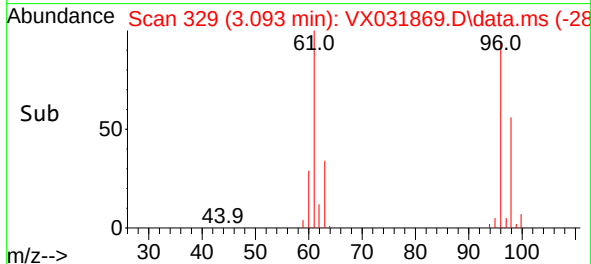
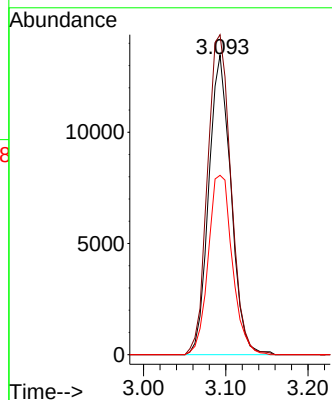
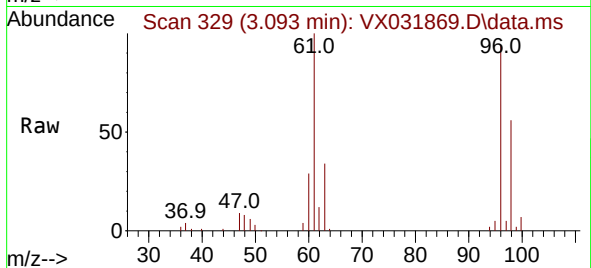




#21
trans-1,2-Dichloroethene
Concen: 15.236 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

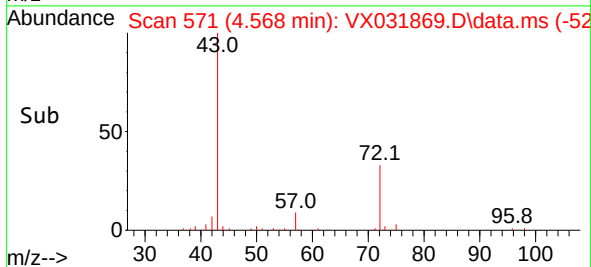
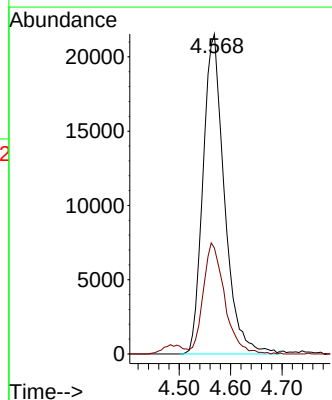
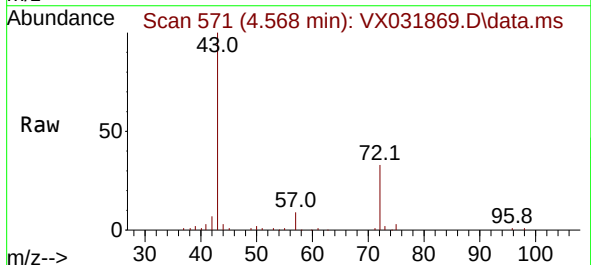
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PT-VOA-WP

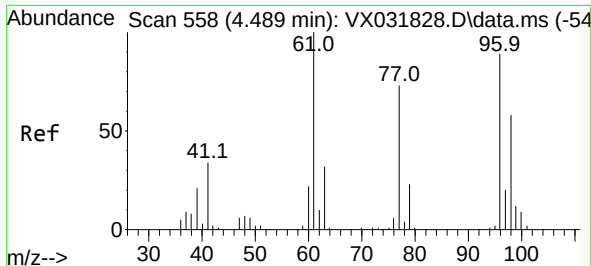
Tgt Ion: 96 Resp: 25255
Ion Ratio Lower Upper
96 100
61 106.8 106.7 160.1
98 59.9 48.7 73.1



#25
2-Butanone
Concen: 74.926 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 43 Resp: 62320
Ion Ratio Lower Upper
43 100
72 32.7 21.1 31.7#





#27

cis-1,2-Dichloroethene

Concen: 87.651 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

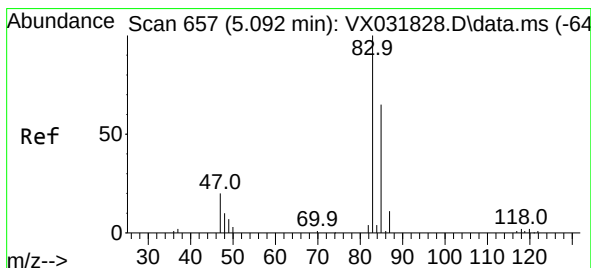
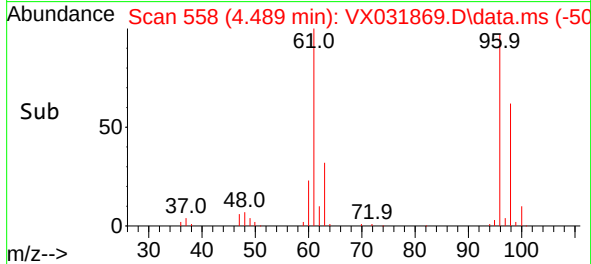
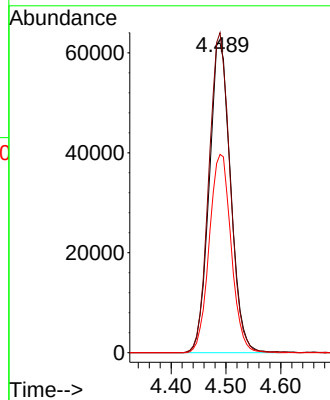
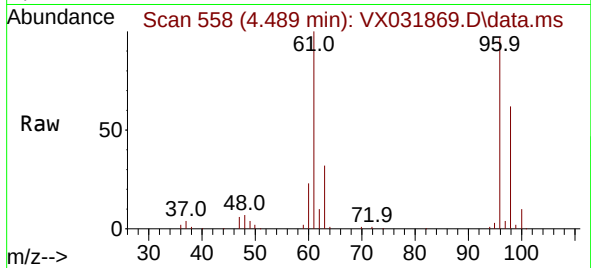
Tgt Ion: 96 Resp: 168934

Ion Ratio Lower Upper

96 100

61 102.2 0.0 305.2

98 65.0 0.0 128.4



#30

Chloroform

Concen: 0.531 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.013 min

Lab File: VX031869.D

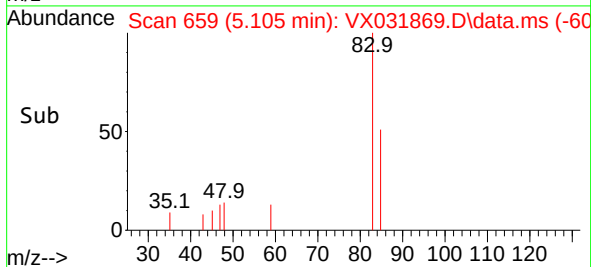
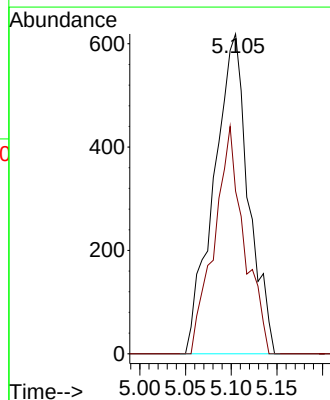
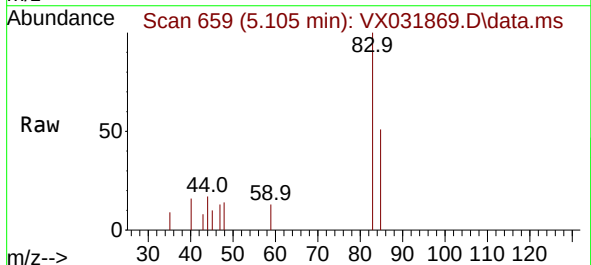
Acq: 04 Oct 2022 15:10

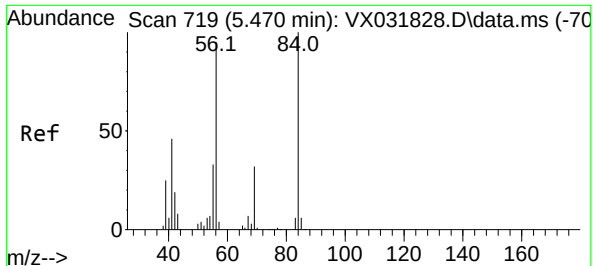
Tgt Ion: 83 Resp: 1633

Ion Ratio Lower Upper

83 100

85 50.9 52.8 79.2#

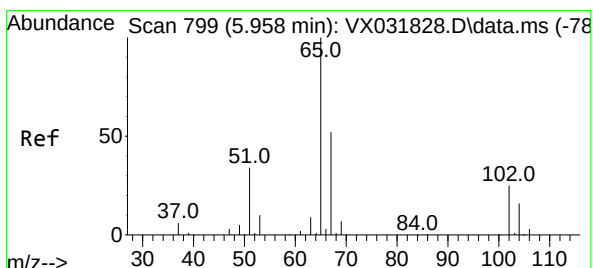
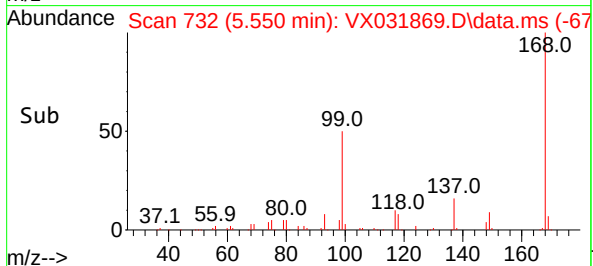
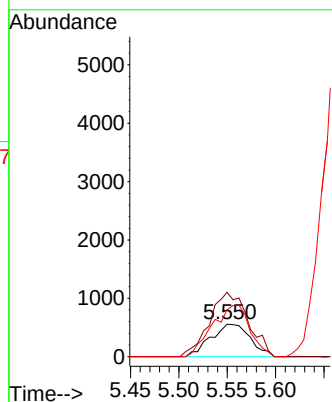
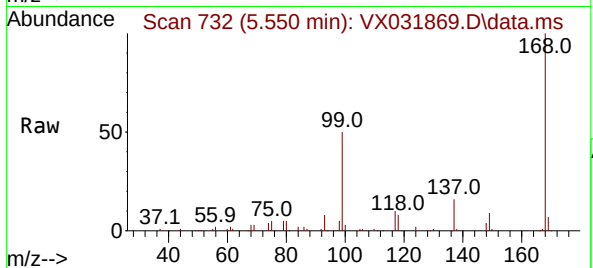




#31
Cyclohexane
Concen: 0.731 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

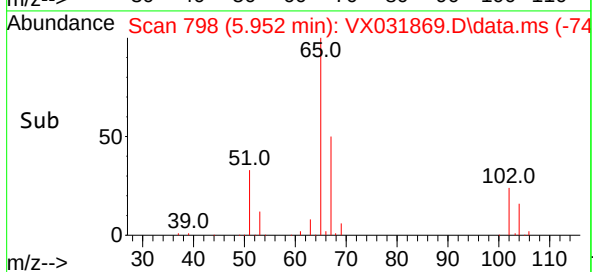
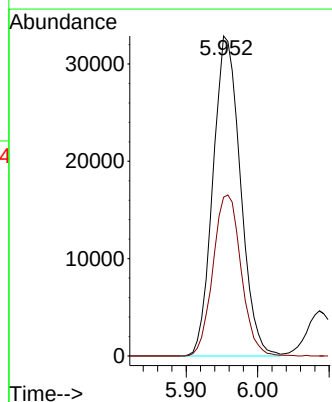
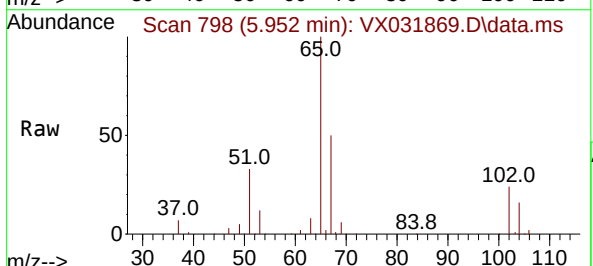
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

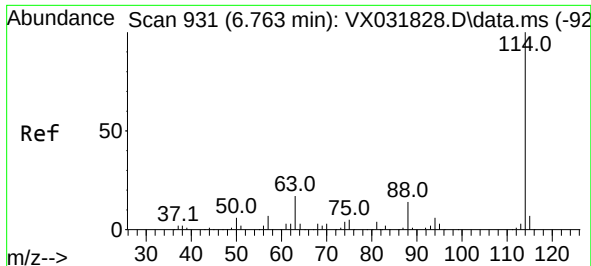
Tgt Ion: 56 Resp: 1579
Ion Ratio Lower Upper
56 100
69 197.5 25.1 37.7#
84 143.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 48.434 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 65 Resp: 87794
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

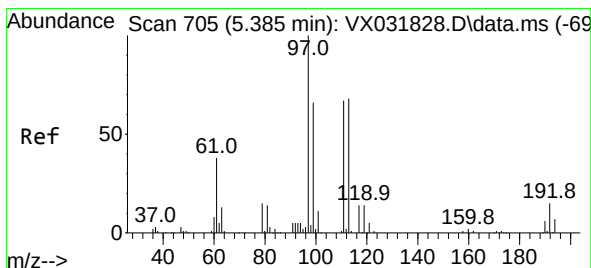
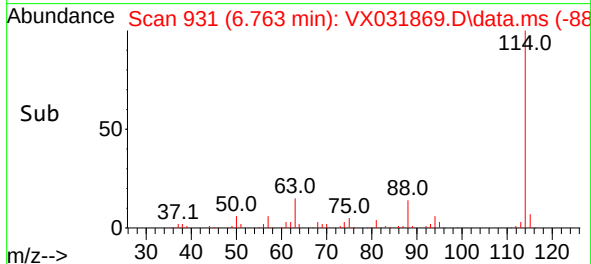
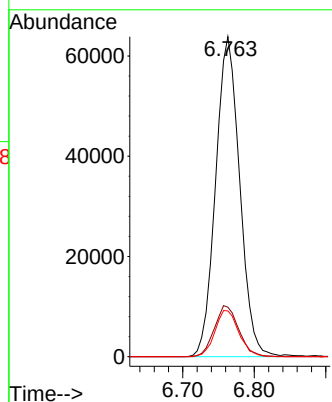
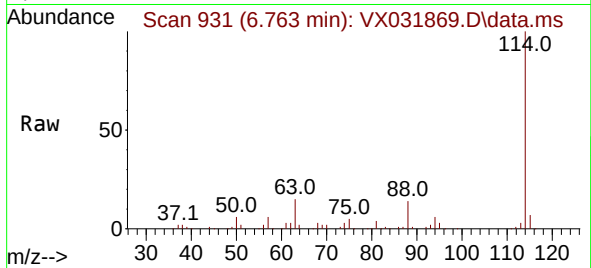




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

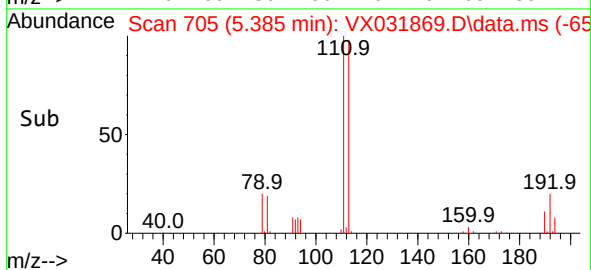
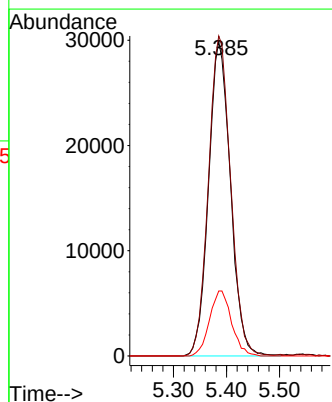
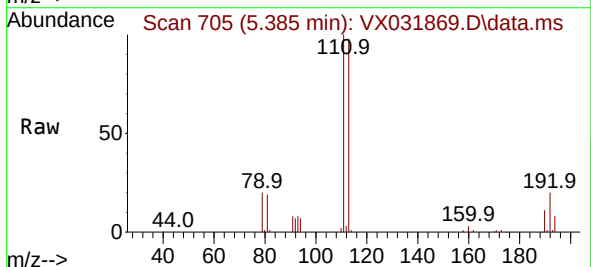
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

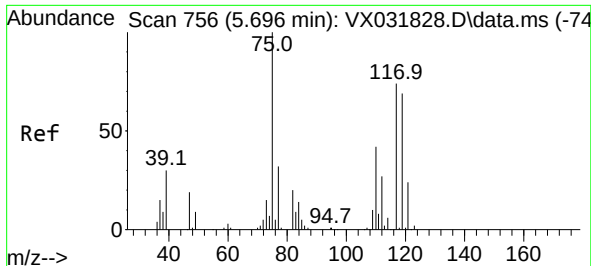
Tgt Ion:114 Resp: 149188
Ion Ratio Lower Upper
114 100
63 15.5 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.199 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion:113 Resp: 85434
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 20.9 14.1 21.1

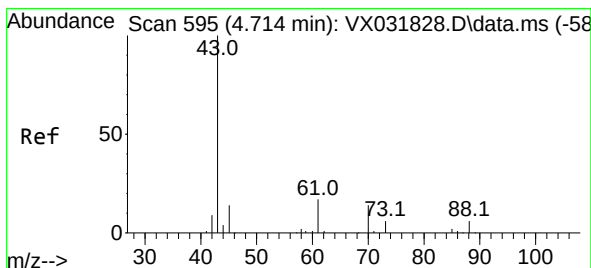
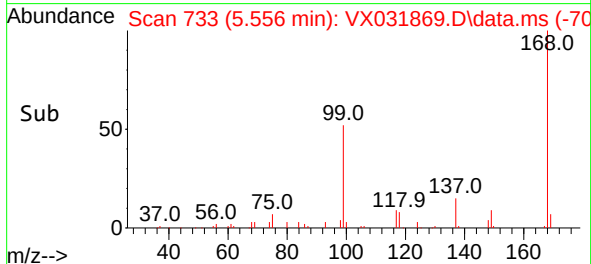
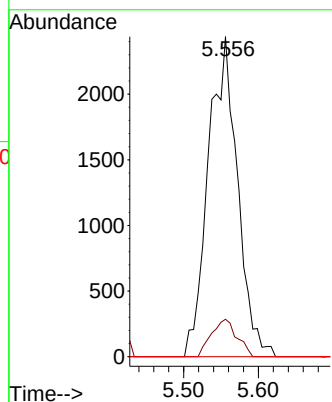
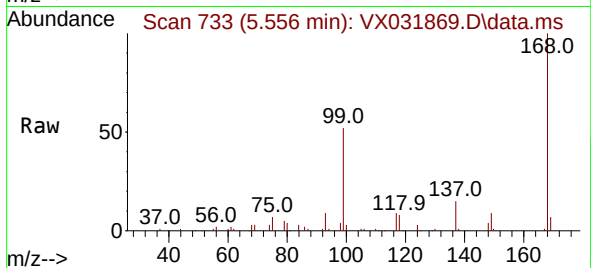




#36
1,1-Dichloropropene
Concen: 3.017 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

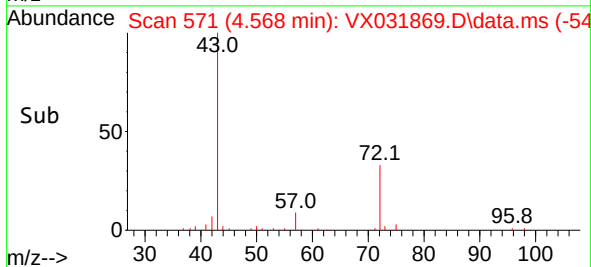
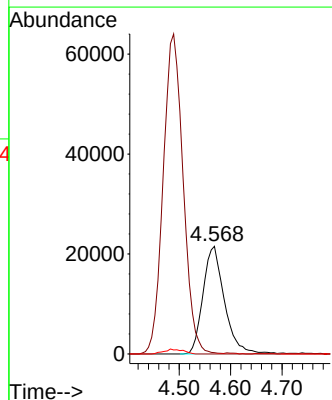
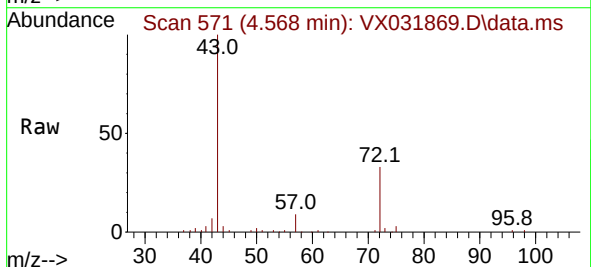
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

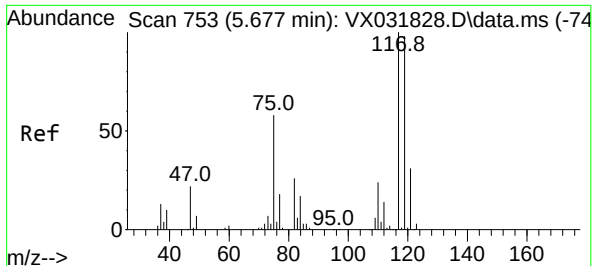
Tgt Ion: 75 Resp: 6630
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 37.459 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.146 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

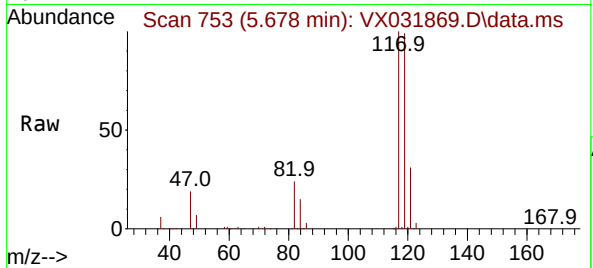
Tgt Ion: 43 Resp: 62320
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.6 13.0#



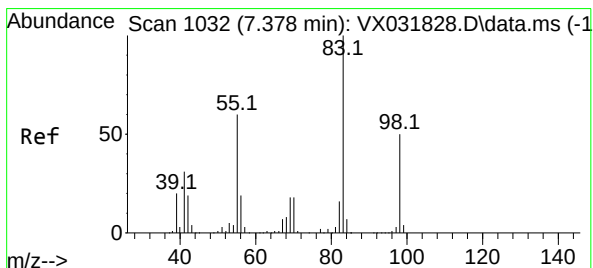
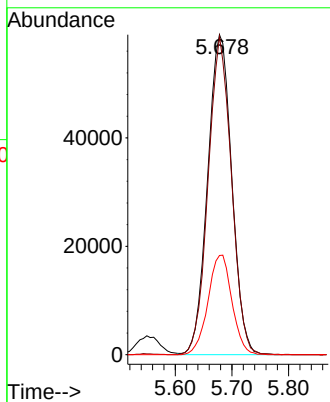
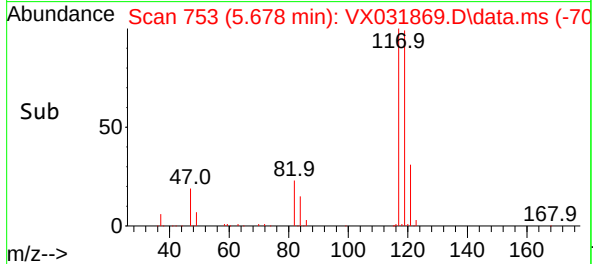


#38
Carbon Tetrachloride
Concen: 64.082 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

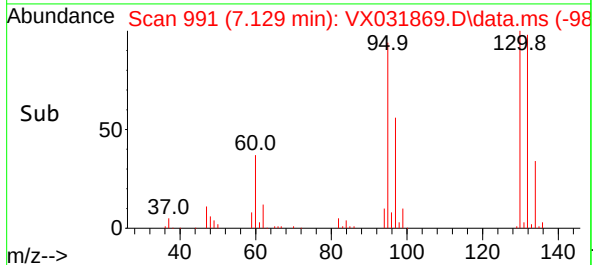
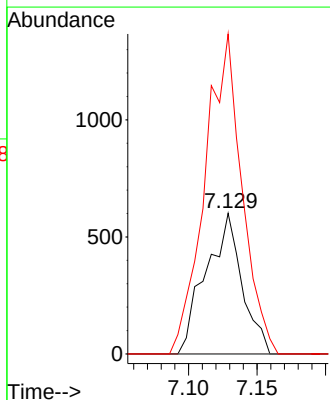
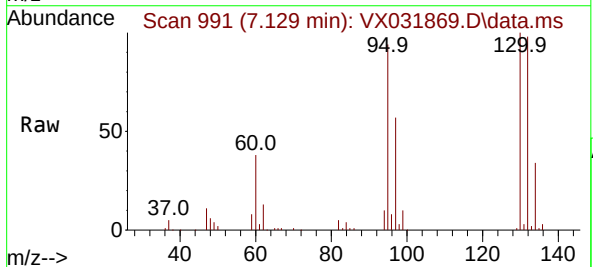


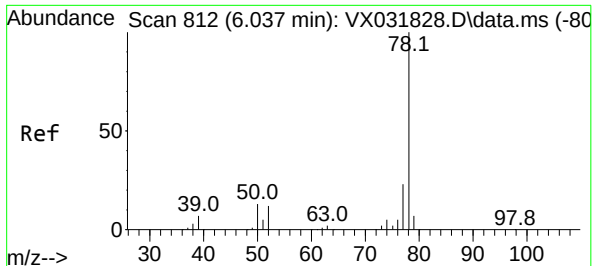
Tgt Ion:117 Resp: 174843
Ion Ratio Lower Upper
117 100
119 99.5 74.6 112.0
121 31.0 25.3 37.9



#39
Methylcyclohexane
Concen: 0.409 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 83 Resp: 1102
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 227.5 37.7 56.5#

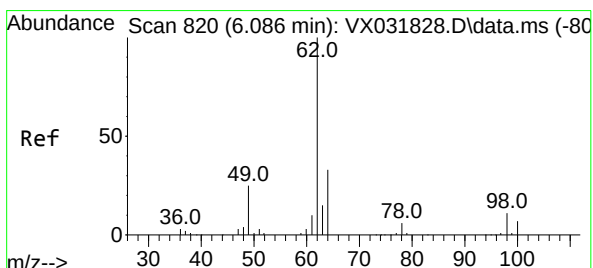
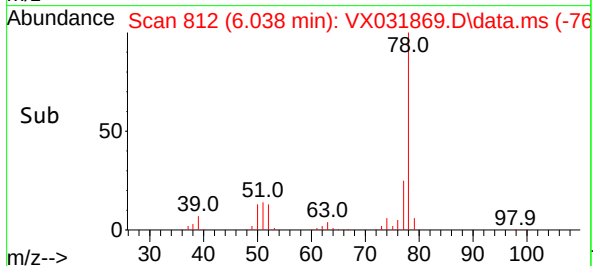
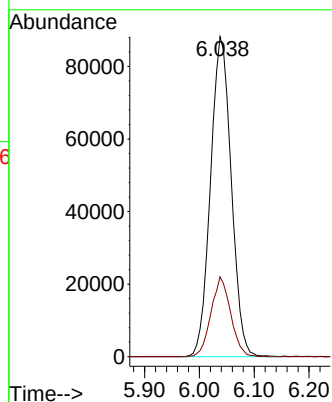
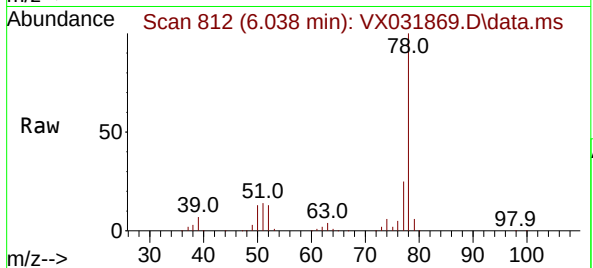




#40
Benzene
Concen: 36.521 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

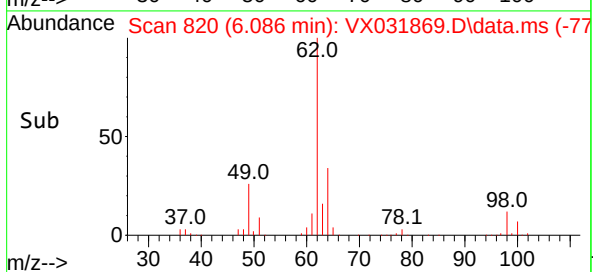
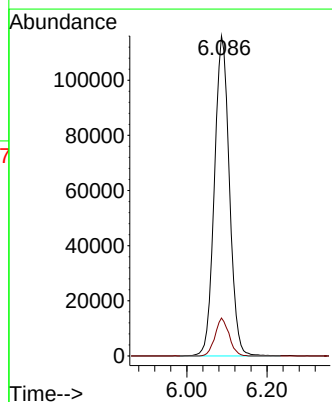
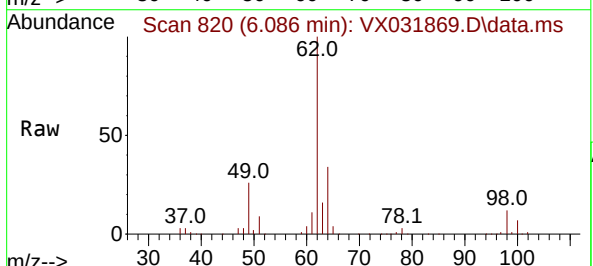
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

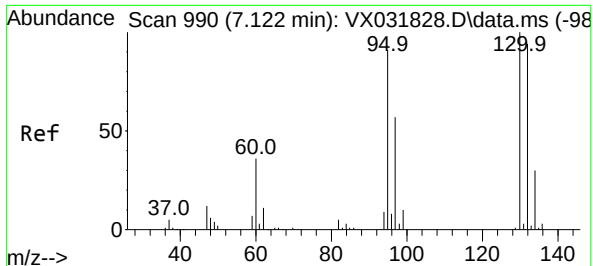
Tgt Ion: 78 Resp: 231878
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1



#42
1,2-Dichloroethane
Concen: 135.121 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 62 Resp: 300552
Ion Ratio Lower Upper
62 100
98 11.1 0.0 17.8

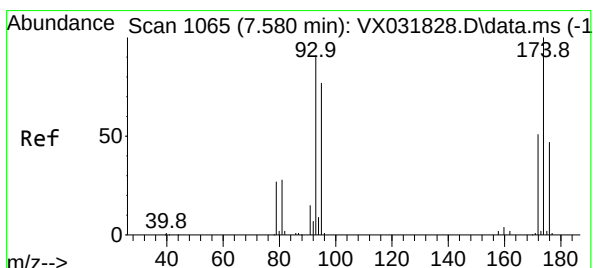
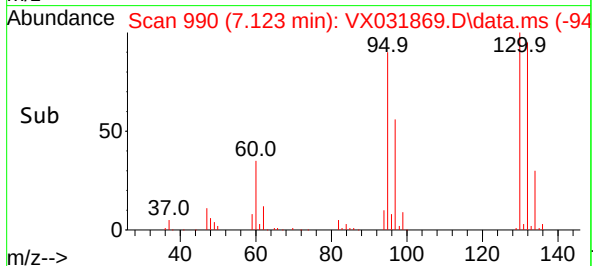
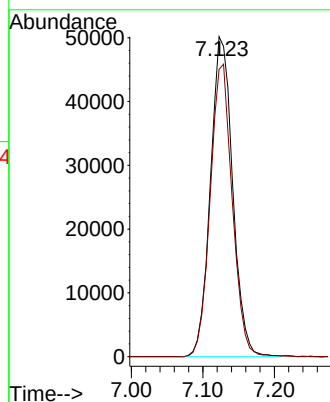
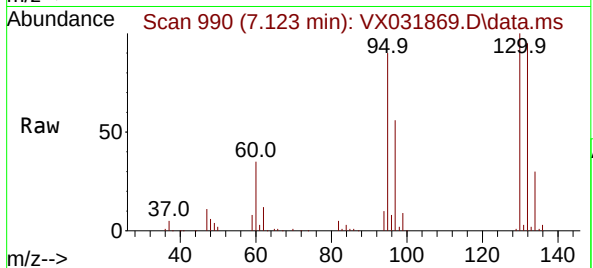




#44
Trichloroethene
Concen: 52.731 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

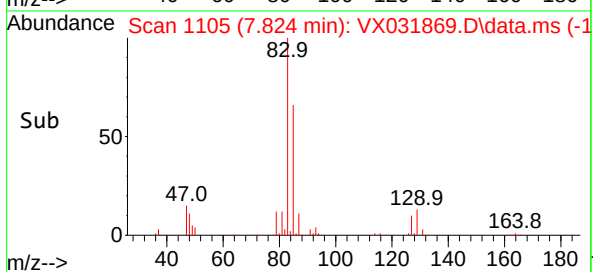
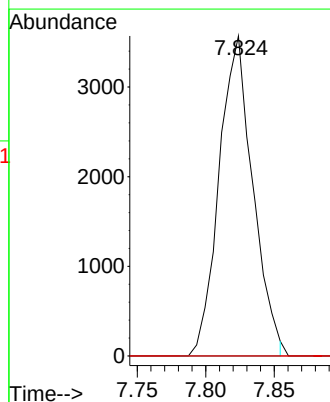
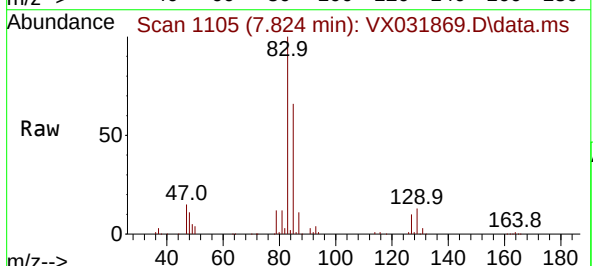
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

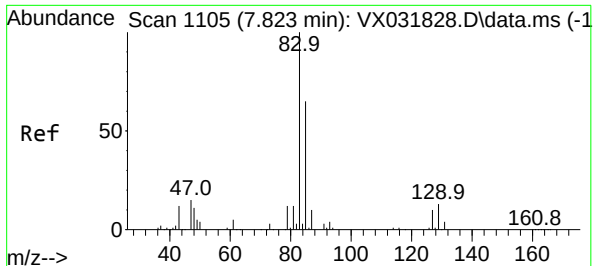
Tgt Ion:130 Resp: 108163
Ion Ratio Lower Upper
130 100
95 89.8 0.0 206.8



#46
Dibromomethane
Concen: 4.935 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.244 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 93 Resp: 6119
Ion Ratio Lower Upper
93 100
95 0.0 65.5 98.3#
174 0.0 67.6 101.4#





#47

Bromodichloromethane

Concen: 71.982 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

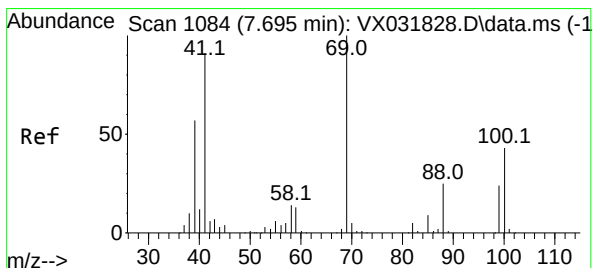
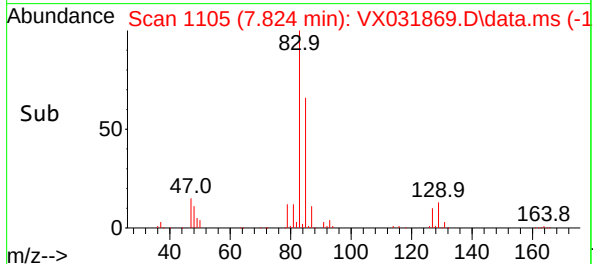
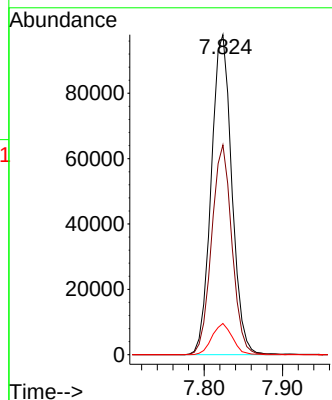
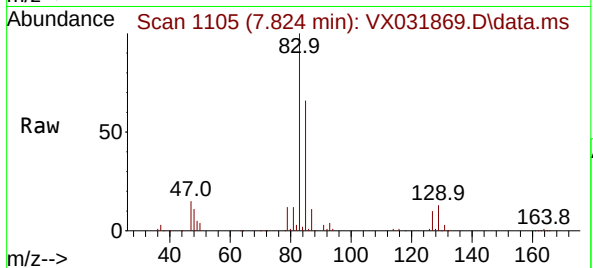
Tgt Ion: 83 Resp: 178610

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.6

127 9.8 7.0 10.6



#48

Methyl methacrylate

Concen: 1.087 ug/l

RT: 7.964 min Scan# 1128

Delta R.T. 0.268 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

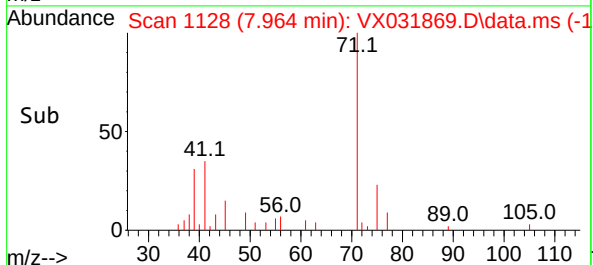
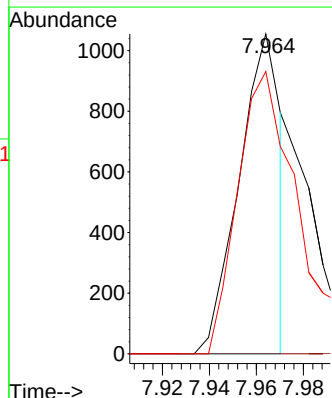
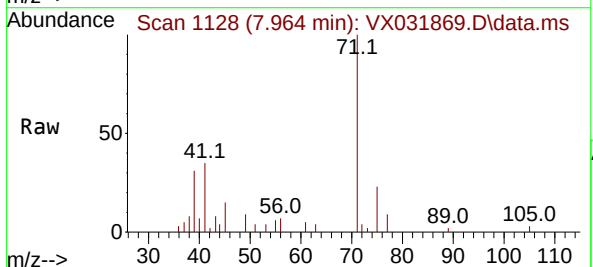
Tgt Ion: 41 Resp: 1309

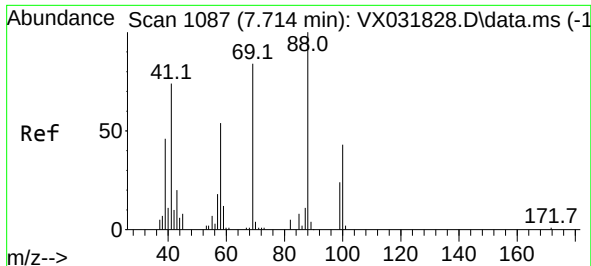
Ion Ratio Lower Upper

41 100

69 0.0 64.6 96.8#

39 89.7 51.4 77.0#





#49

1,4-Dioxane

Concen: 5.664 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.104 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

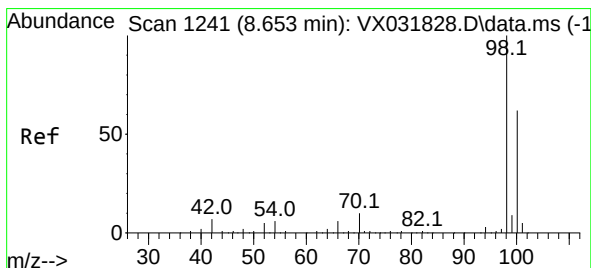
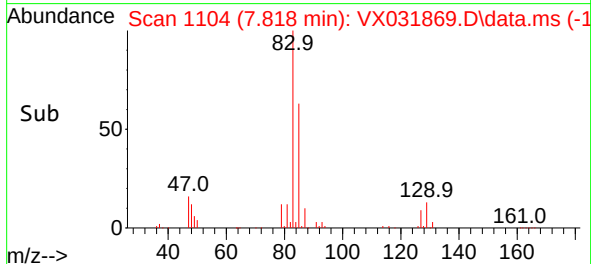
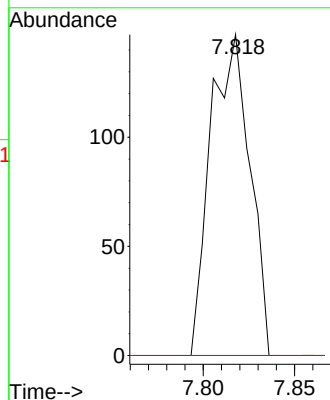
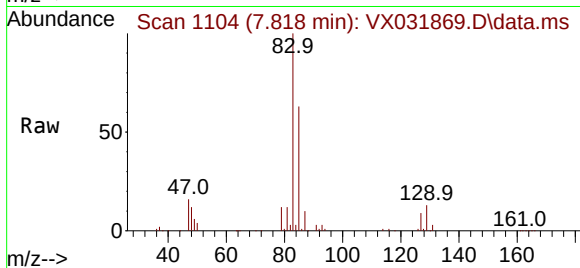
Tgt Ion: 88 Resp: 221

Ion Ratio Lower Upper

88 100

43 0.0 27.1 40.7#

58 0.0 53.9 80.9#



#50

Toluene-d8

Concen: 50.158 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031869.D

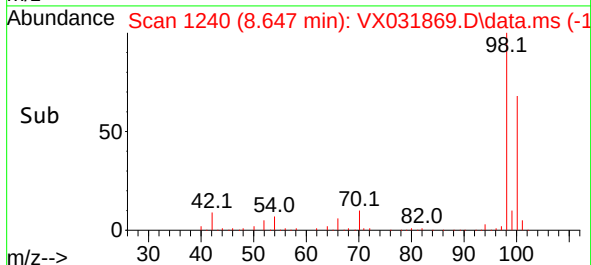
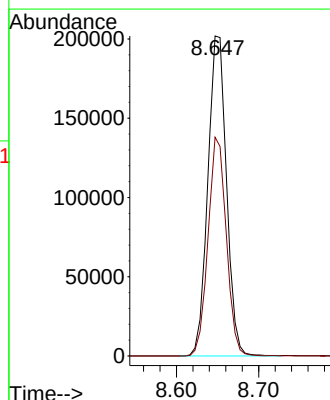
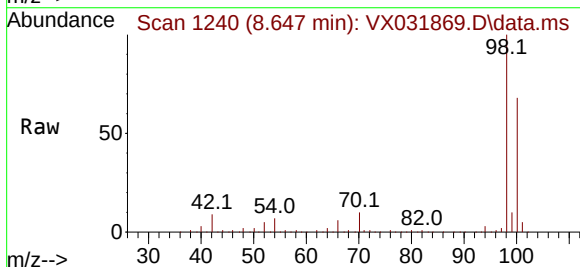
Acq: 04 Oct 2022 15:10

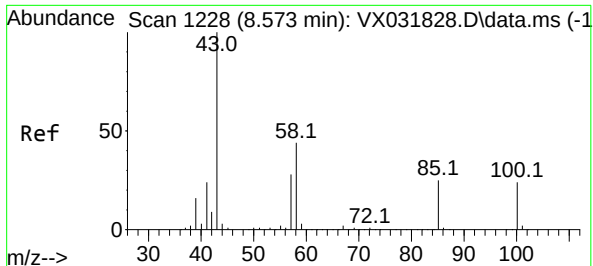
Tgt Ion: 98 Resp: 318046

Ion Ratio Lower Upper

98 100

100 66.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.661 ug/l

RT: 8.647 min Scan# 1116

Delta R.T. 0.067 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

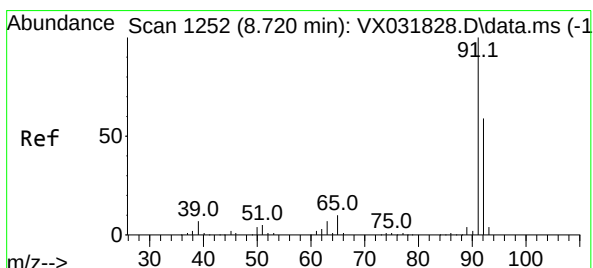
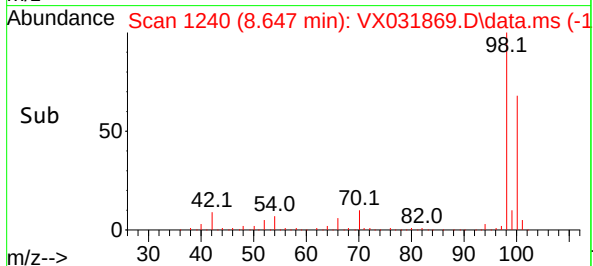
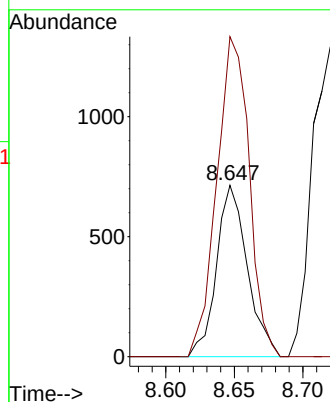
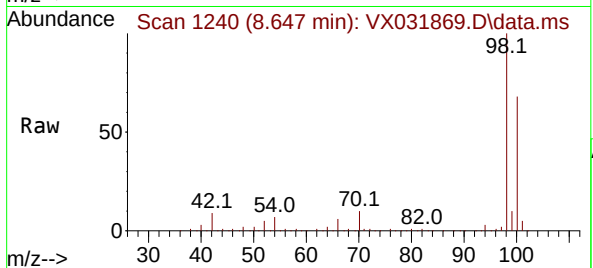
PT-VOA-WP

Tgt Ion: 43 Resp: 1116

Ion Ratio Lower Upper

43 100

58 196.9 30.6 46.0#



#52

Toluene

Concen: 58.858 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031869.D

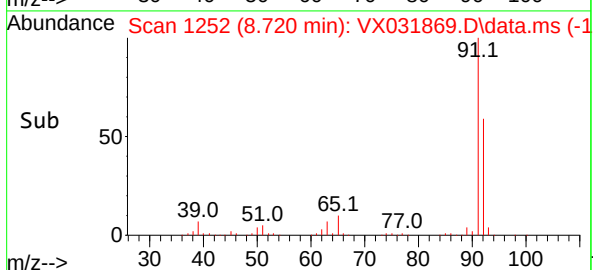
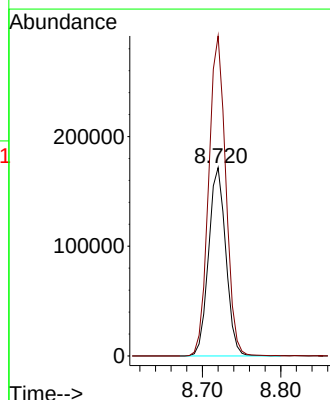
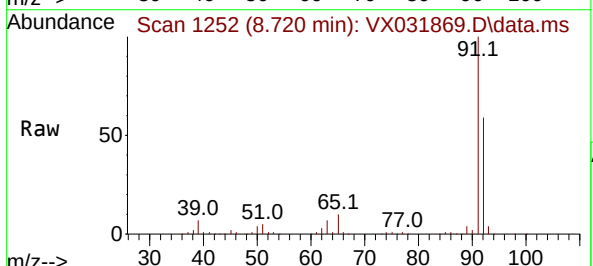
Acq: 04 Oct 2022 15:10

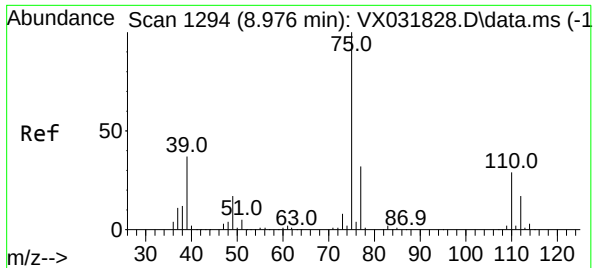
Tgt Ion: 92 Resp: 261988

Ion Ratio Lower Upper

92 100

91 169.0 137.1 205.7

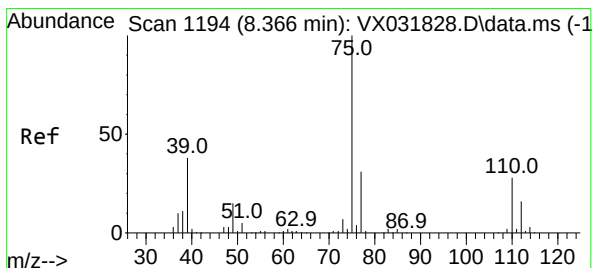
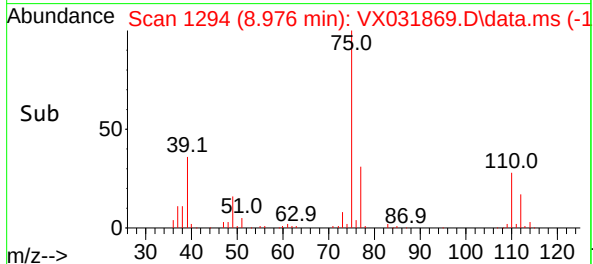
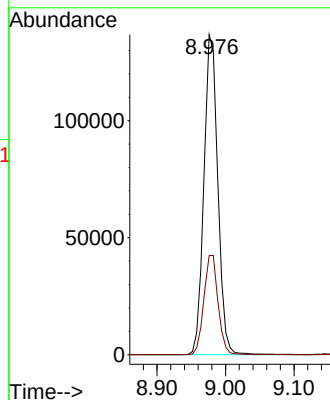
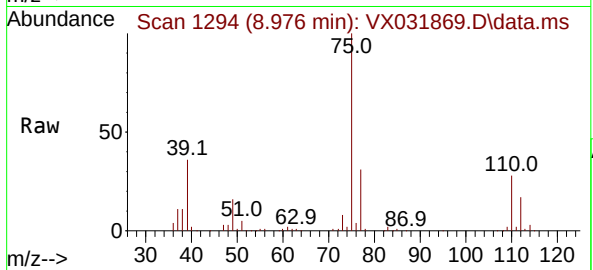




#53
 t-1,3-Dichloropropene
 Concen: 81.945 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

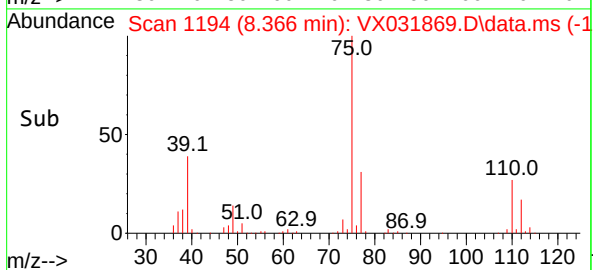
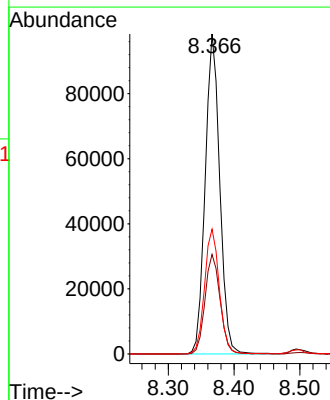
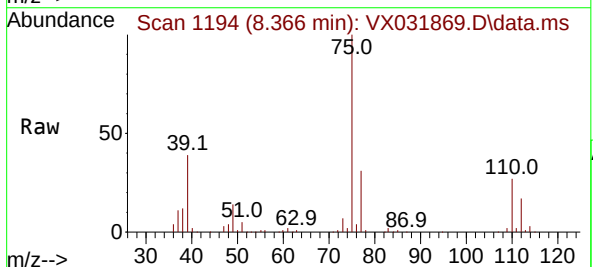
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

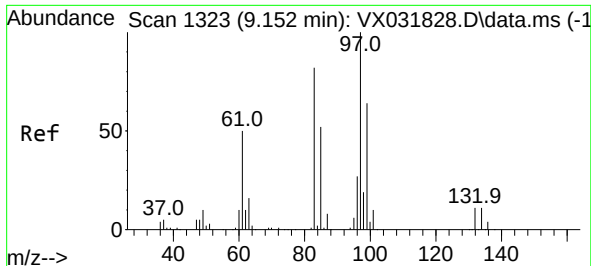
Tgt Ion: 75 Resp: 193888
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 58.433 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

Tgt Ion: 75 Resp: 151501
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.4 36.6
 39 39.0 43.7 65.5#





#55

1,1,2-Trichloroethane

Concen: 92.242 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

Tgt Ion: 97 Resp: 163652

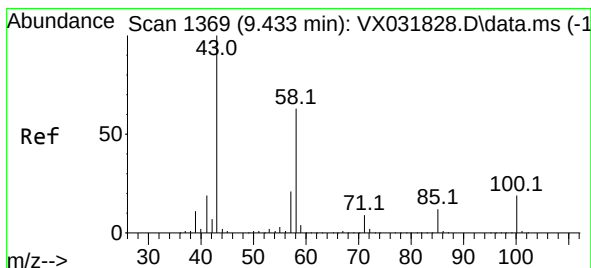
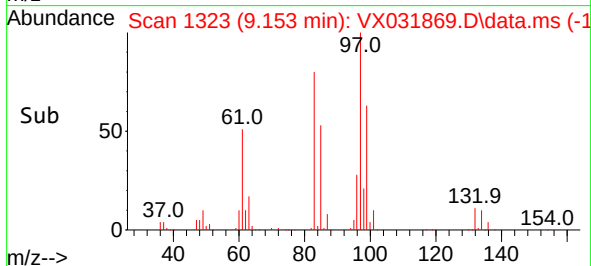
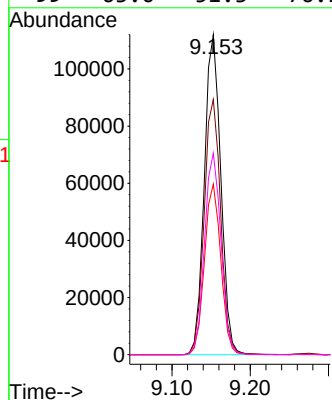
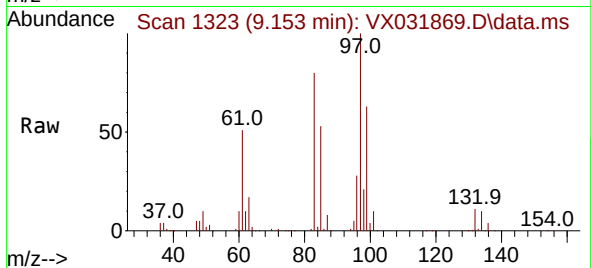
Ion Ratio Lower Upper

97 100

83 79.8 69.0 103.6

85 53.3 44.1 66.1

99 63.0 51.3 76.9



#59

2-Hexanone

Concen: 150.034 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031869.D

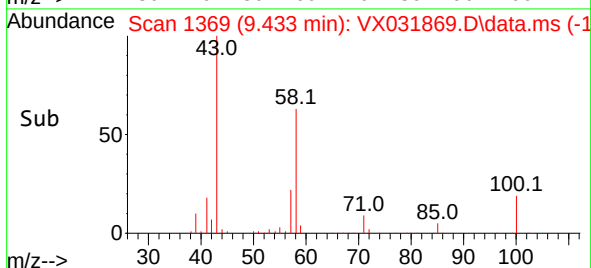
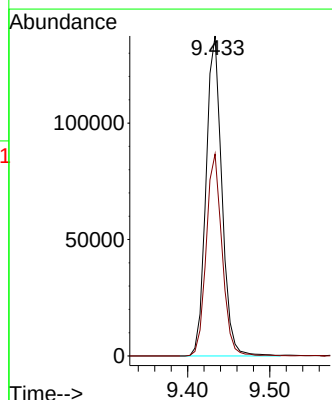
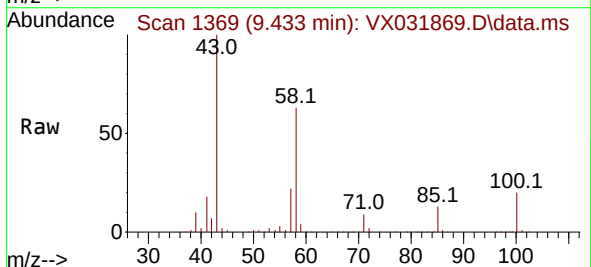
Acq: 04 Oct 2022 15:10

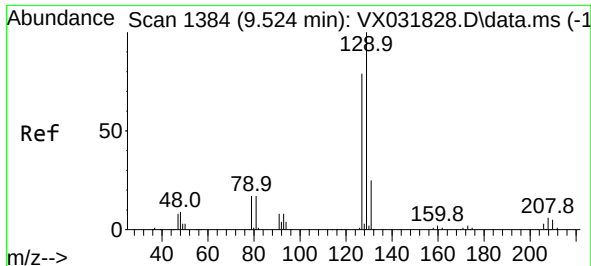
Tgt Ion: 43 Resp: 184172

Ion Ratio Lower Upper

43 100

58 63.2 26.7 80.0

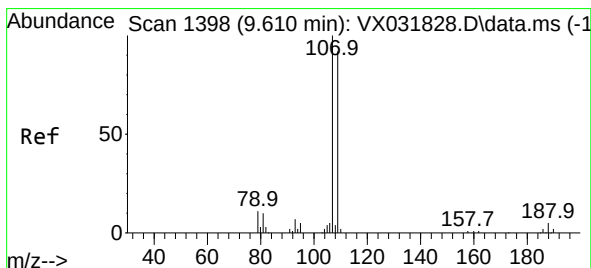
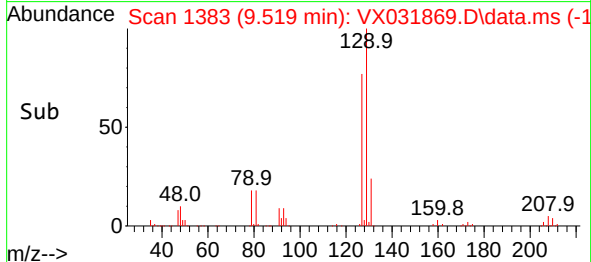
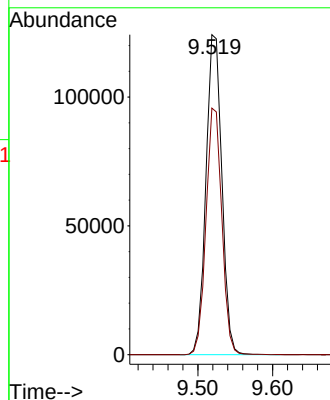
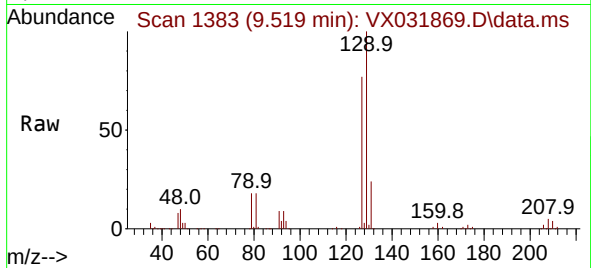




#60
Dibromochloromethane
Concen: 85.148 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

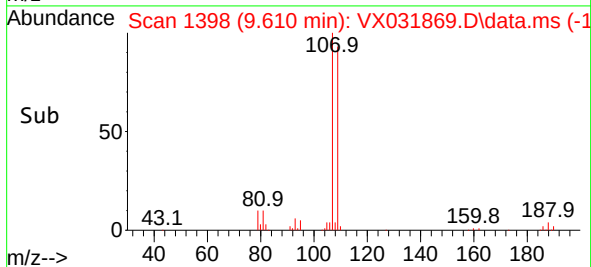
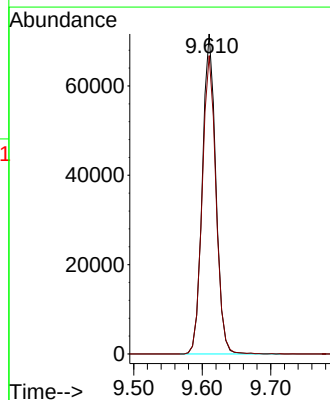
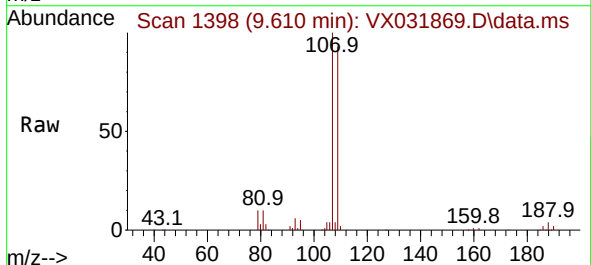
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

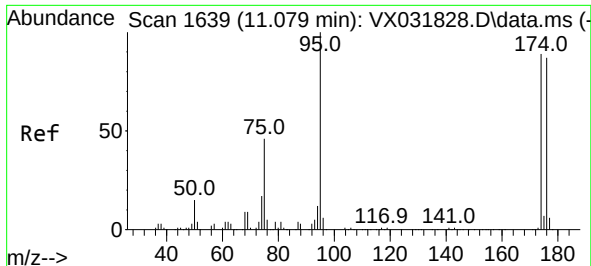
Tgt Ion:129 Resp: 183393
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1



#61
1,2-Dibromoethane
Concen: 49.743 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion:107 Resp: 97998
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4





#62

4-Bromofluorobenzene

Concen: 50.908 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

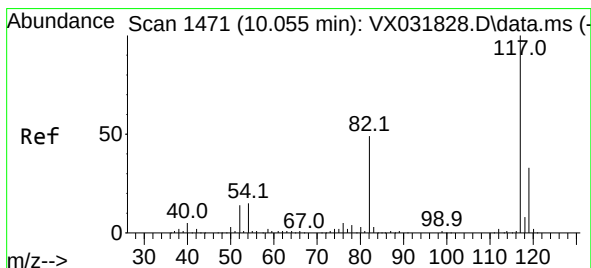
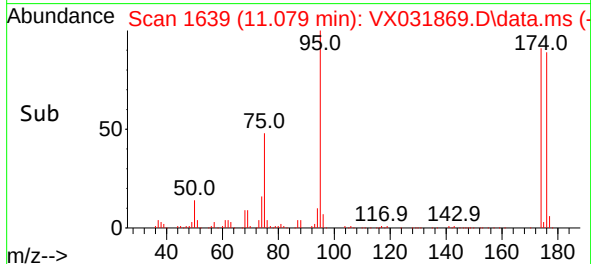
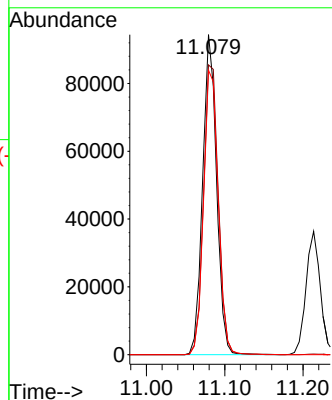
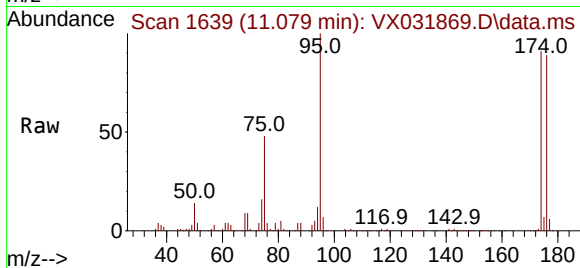
Tgt Ion: 95 Resp: 116244

Ion Ratio Lower Upper

95 100

174 96.6 0.0 153.2

176 93.4 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

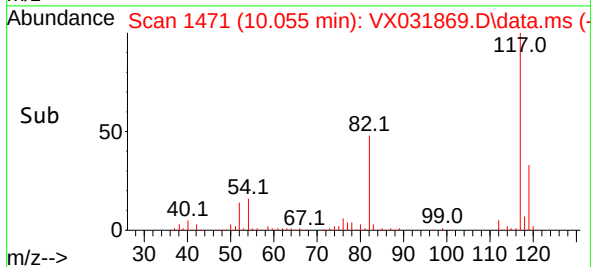
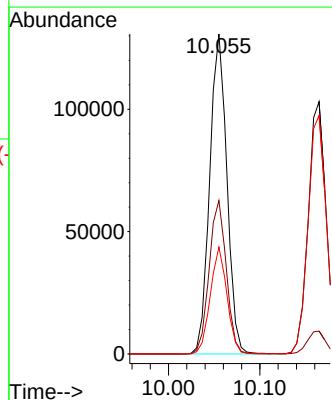
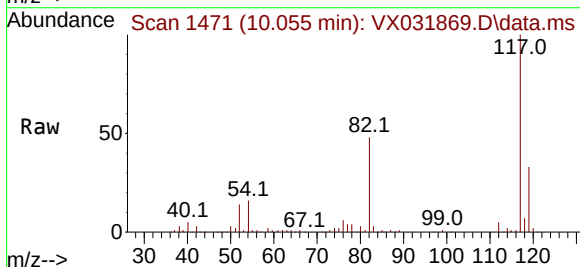
Tgt Ion: 117 Resp: 170570

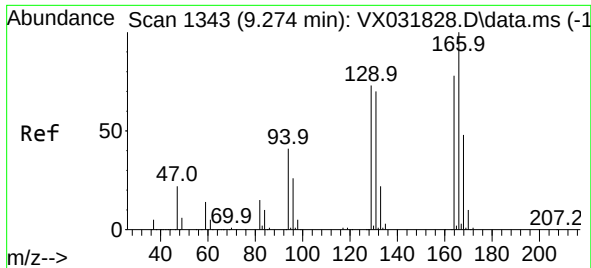
Ion Ratio Lower Upper

117 100

82 47.9 46.8 70.2

119 33.4 26.4 39.6



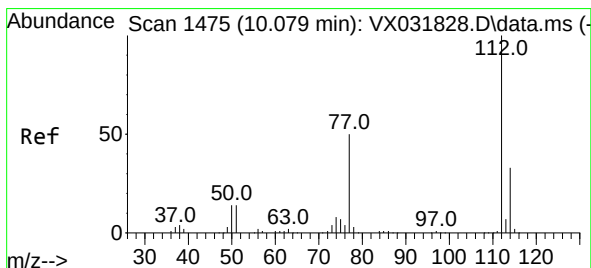
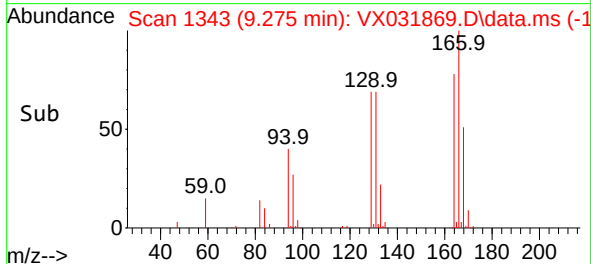
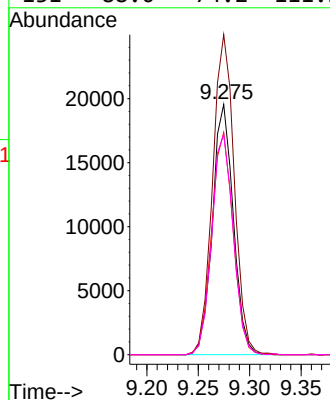
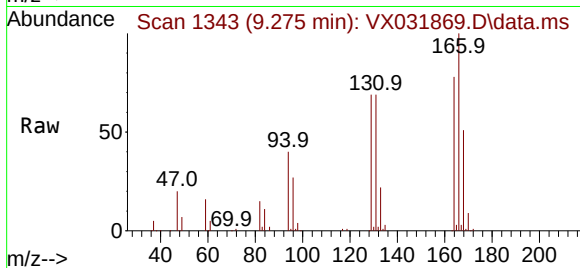


#64
Tetrachloroethene
Concen: 12.953 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tgt Ion:164 Resp: 27622

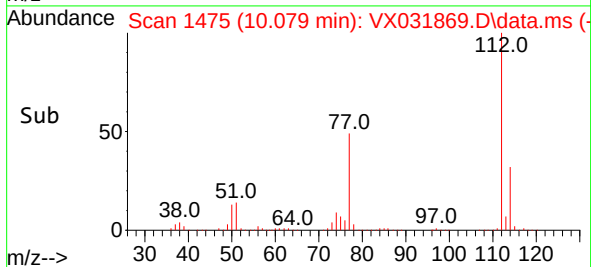
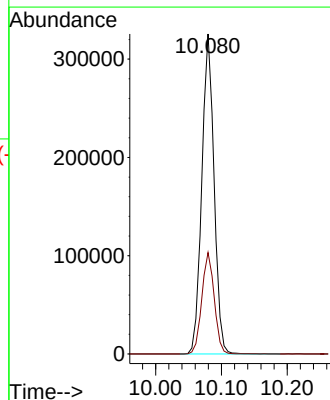
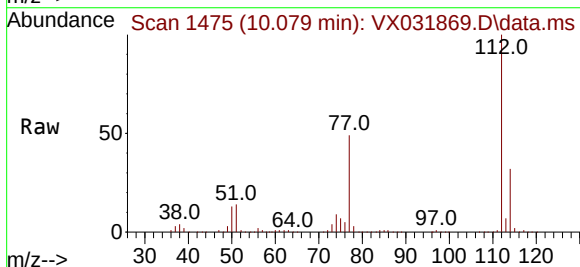
Ion	Ratio	Lower	Upper
164	100		
166	127.9	99.0	148.4
129	88.8	78.0	117.0
131	88.0	74.2	111.2

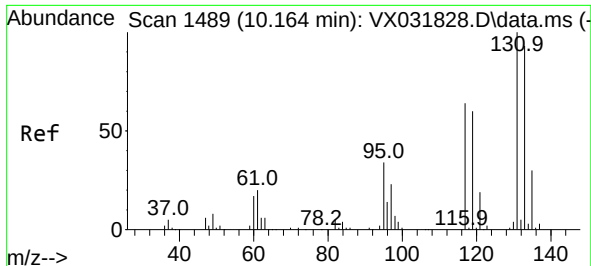


#65
Chlorobenzene
Concen: 81.329 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion:112 Resp: 420629

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.7	38.5

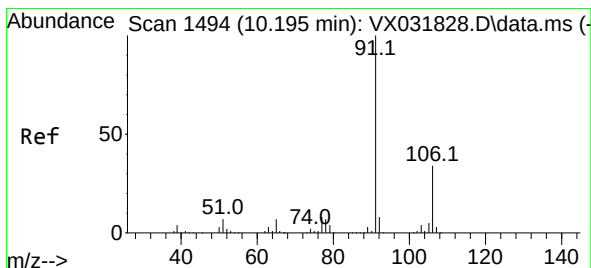
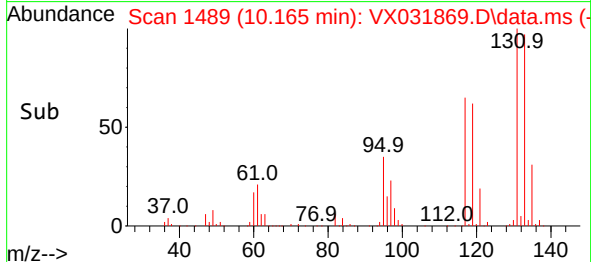
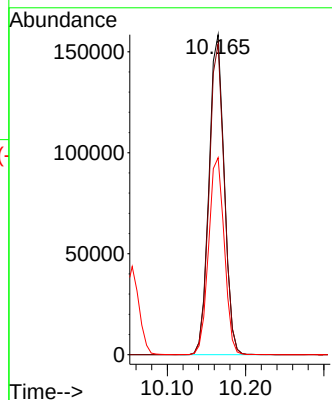
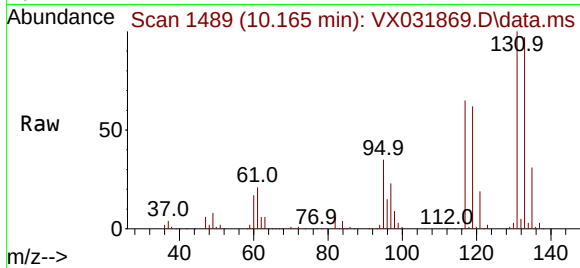




#66
 1,1,1,2-Tetrachloroethane
 Concen: 107.479 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

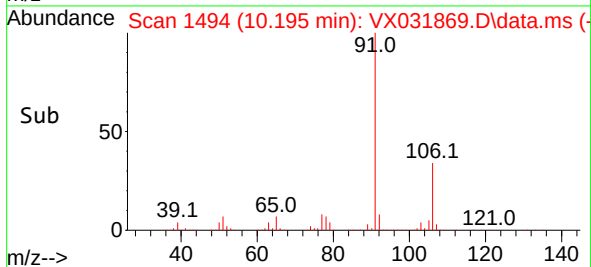
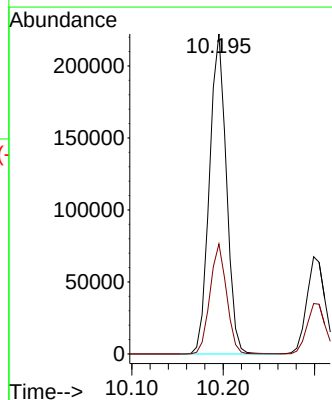
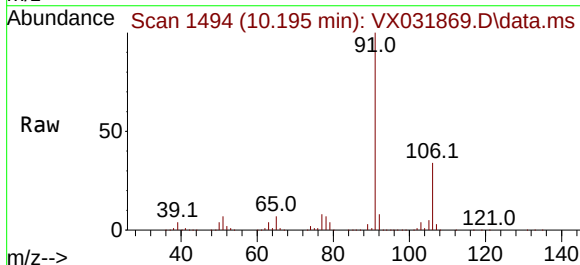
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

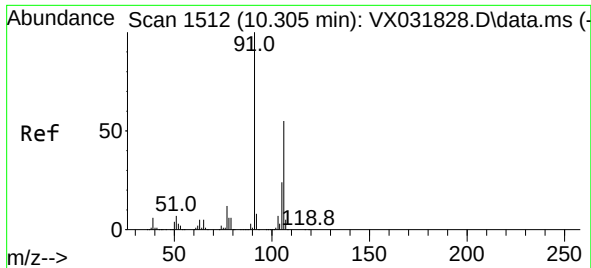
Tgt Ion:131 Resp: 213961
 Ion Ratio Lower Upper
 131 100
 133 96.7 46.6 139.7
 119 63.4 31.9 95.9



#67
 Ethyl Benzene
 Concen: 33.485 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

Tgt Ion: 91 Resp: 285072
 Ion Ratio Lower Upper
 91 100
 106 34.4 25.2 37.8

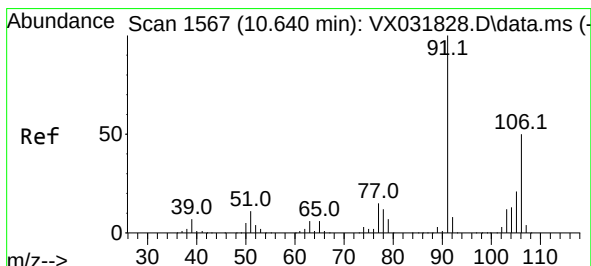
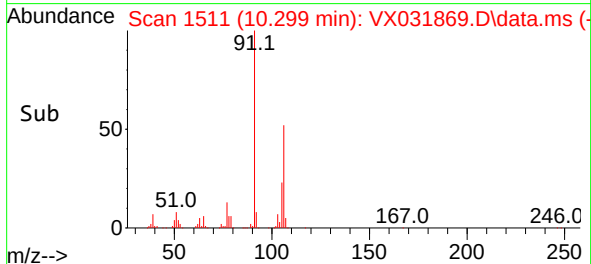
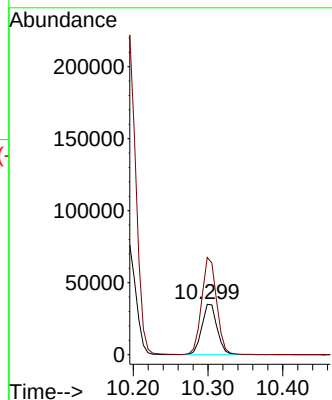
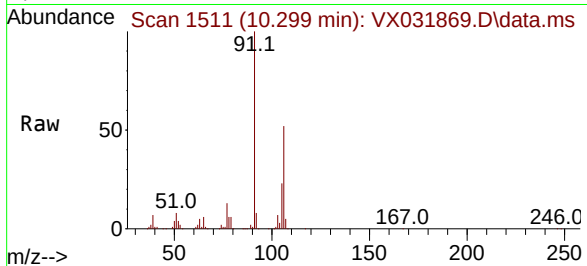




#68
m/p-Xylenes
Concen: 14.185 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

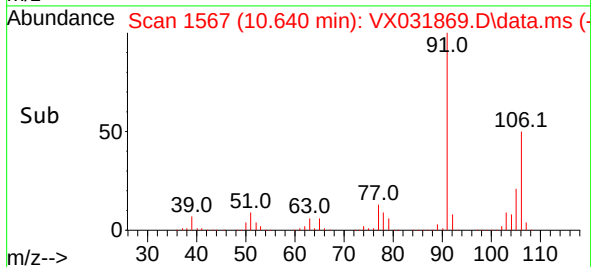
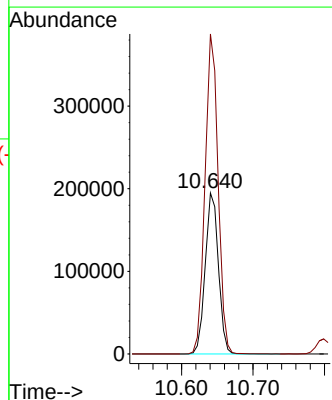
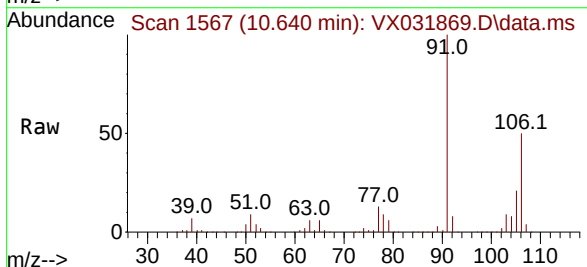
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

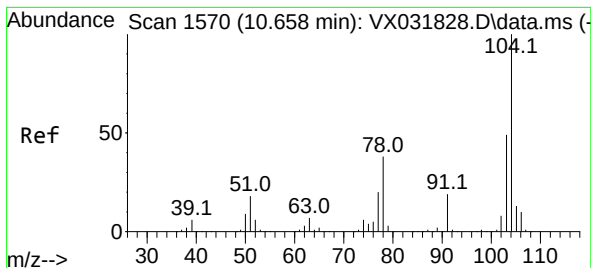
Tgt Ion:106 Resp: 49858
Ion Ratio Lower Upper
106 100
91 188.9 161.0 241.4



#69
o-Xylene
Concen: 73.763 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion:106 Resp: 249770
Ion Ratio Lower Upper
106 100
91 196.6 107.2 321.6





#70

Styrene

Concen: 31.335 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

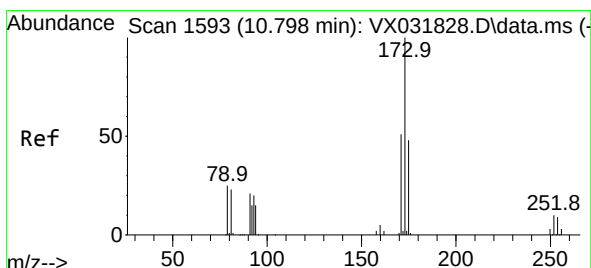
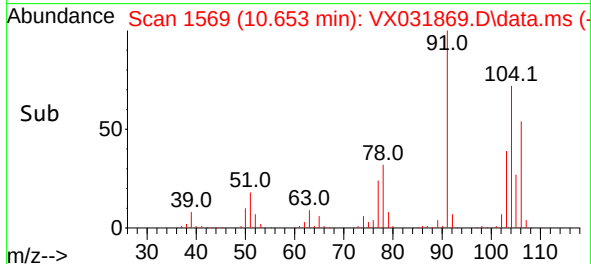
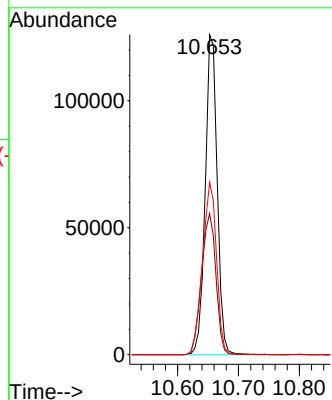
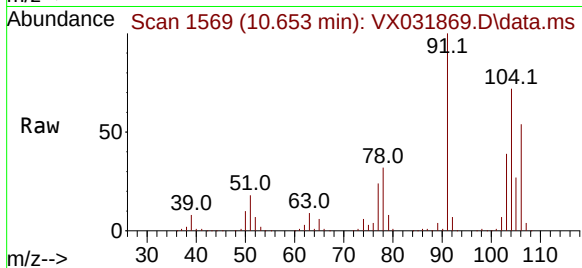
Tgt Ion:104 Resp: 172462

Ion Ratio Lower Upper

104 100

78 53.2 41.4 62.2

103 63.0 43.8 65.8



#71

Bromoform

Concen: 72.604 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

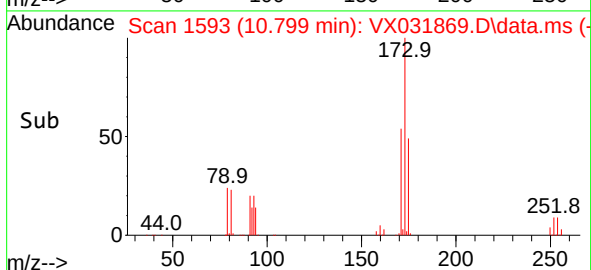
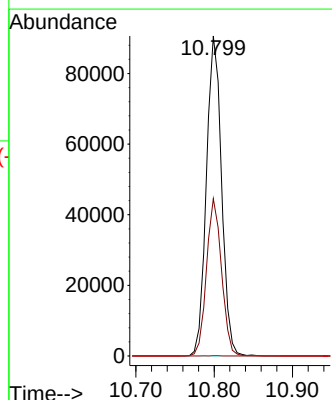
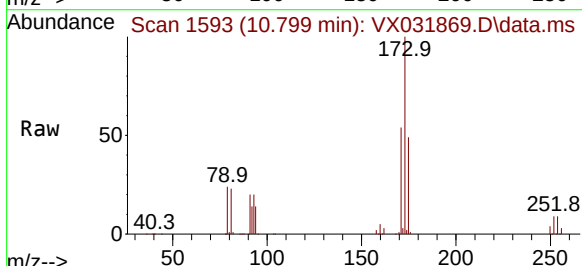
Tgt Ion:173 Resp: 121544

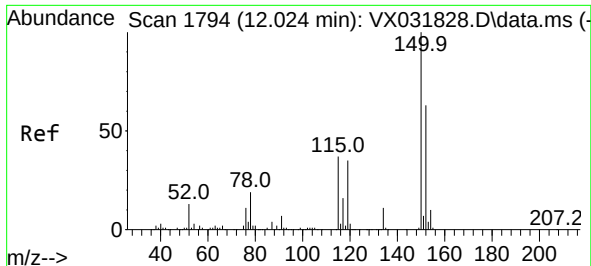
Ion Ratio Lower Upper

173 100

175 48.7 24.0 72.0

254 0.1 0.0 0.0#

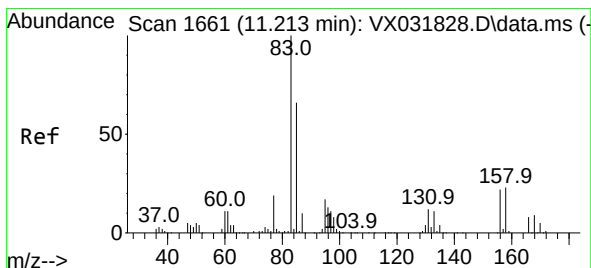
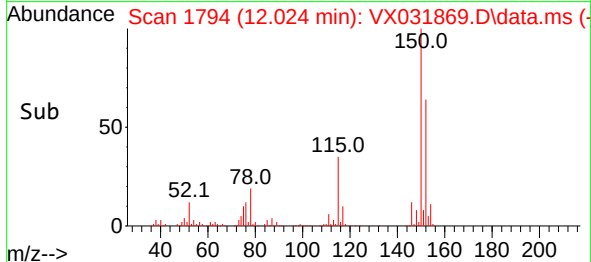
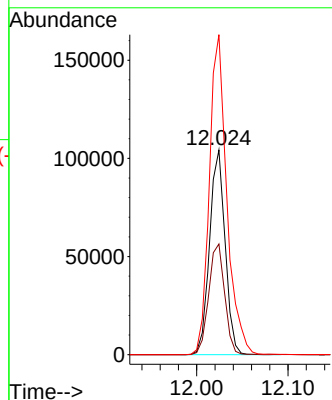
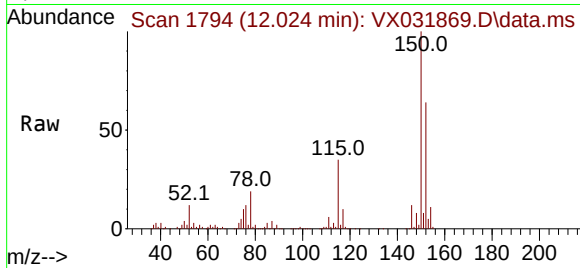




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

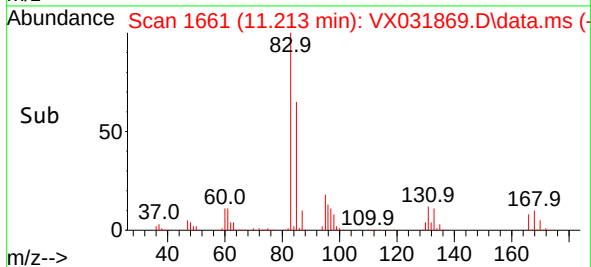
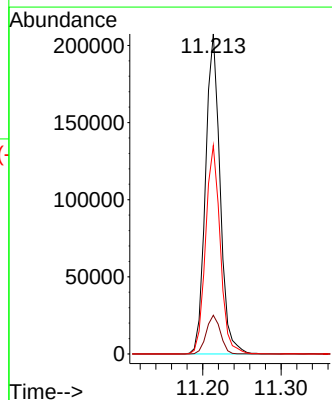
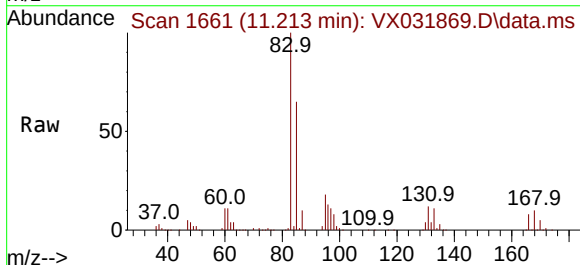
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

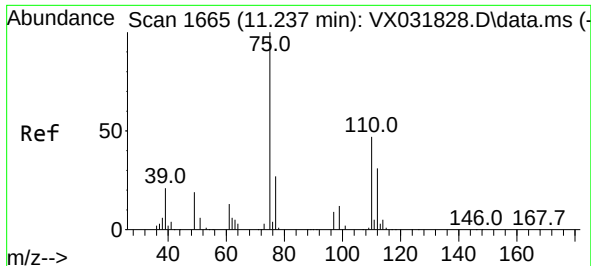
Tgt Ion:152 Resp: 123769
 Ion Ratio Lower Upper
 152 100
 115 55.4 43.4 130.1
 150 175.4 0.0 346.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: 107.455 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

Tgt Ion: 83 Resp: 267399
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.1 15.4
 85 65.5 32.6 97.8

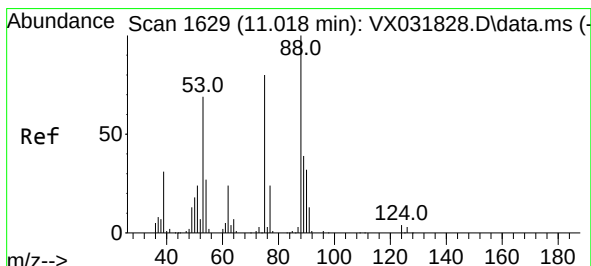
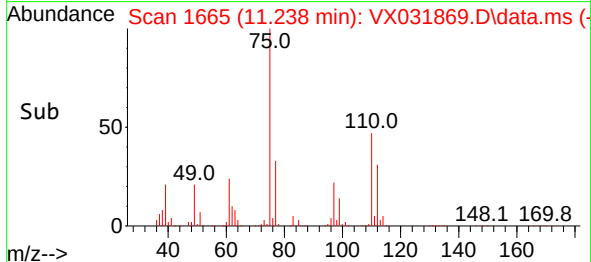
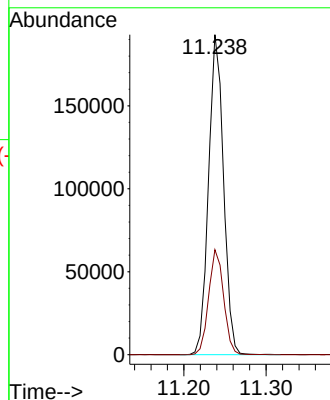
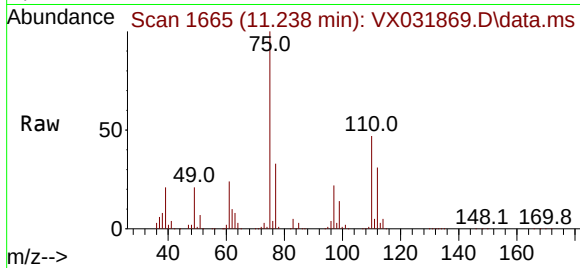




#76
1,2,3-Trichloropropane
Concen: 108.146 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

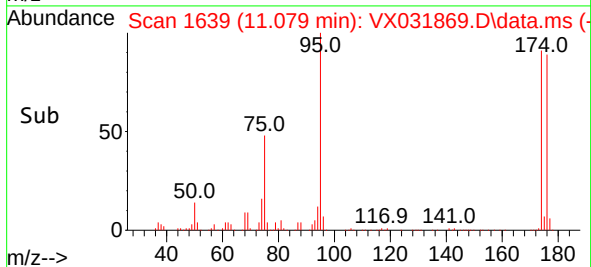
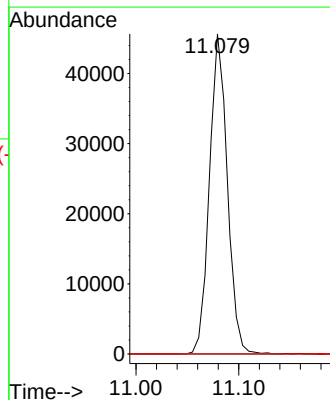
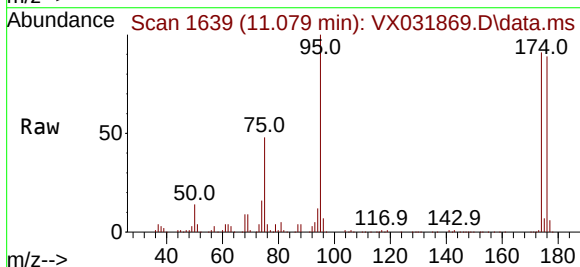
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

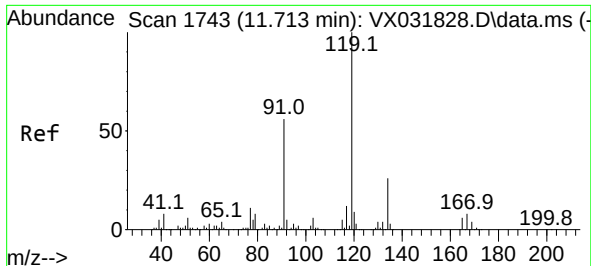
Tgt Ion: 75 Resp: 243529
Ion Ratio Lower Upper
75 100
77 32.9 20.3 60.9



#81
trans-1,4-Dichloro-2-butene
Concen: 84.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 75 Resp: 55195
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

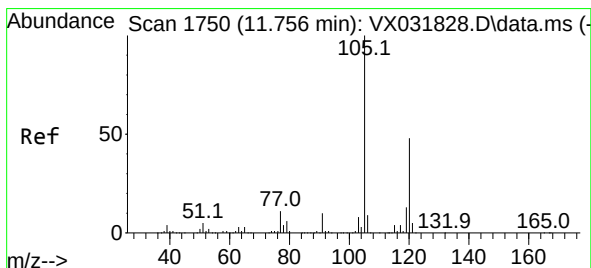
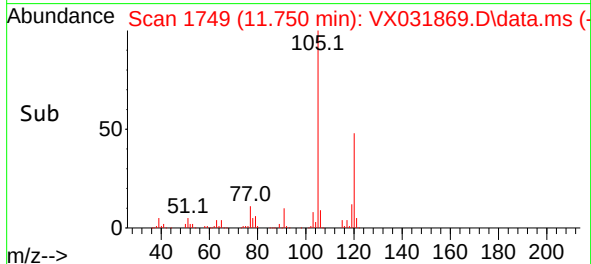
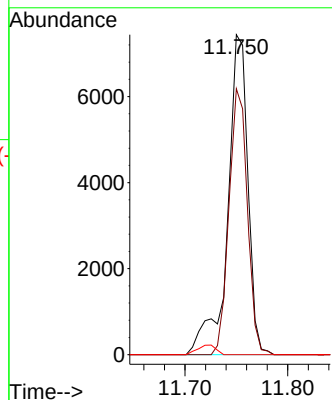
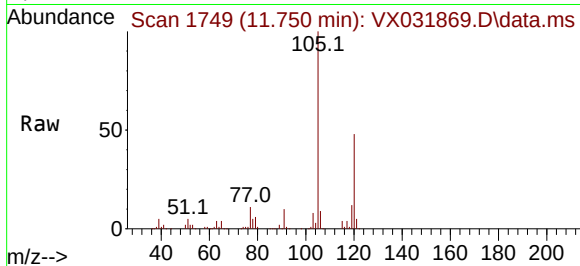




#83
 tert-Butylbenzene
 Concen: 1.387 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.037 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

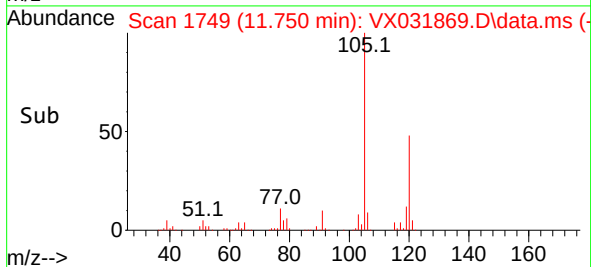
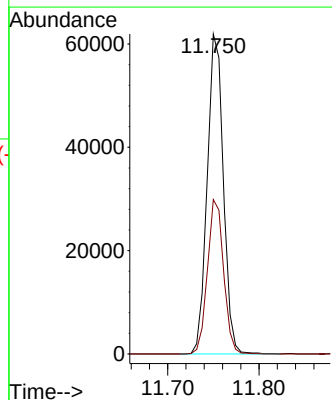
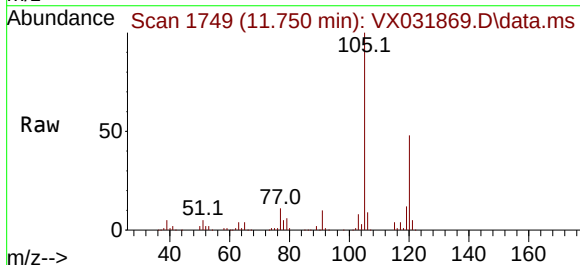
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

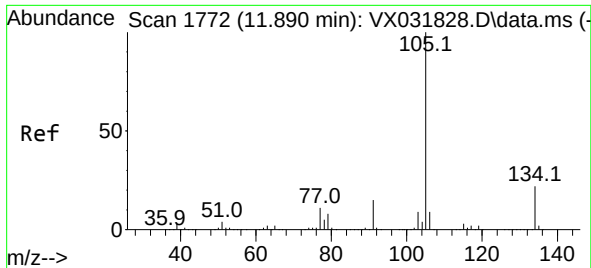
Tgt Ion:119 Resp: 10235
 Ion Ratio Lower Upper
 119 100
 91 75.1 29.2 87.6
 134 0.0 11.6 34.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 10.429 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

Tgt Ion:105 Resp: 75774
 Ion Ratio Lower Upper
 105 100
 120 48.3 22.6 67.8

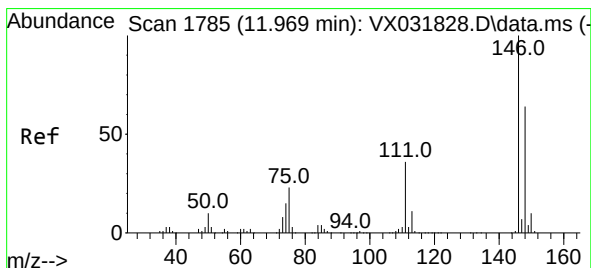
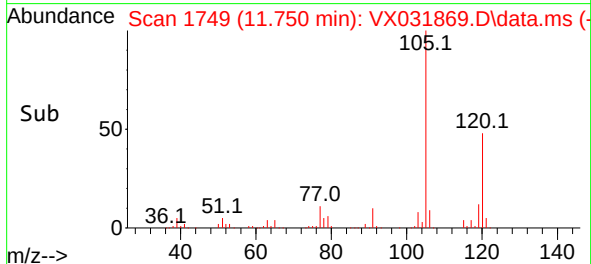
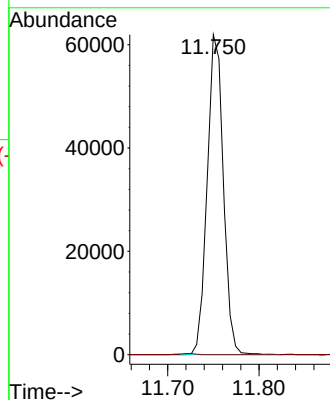
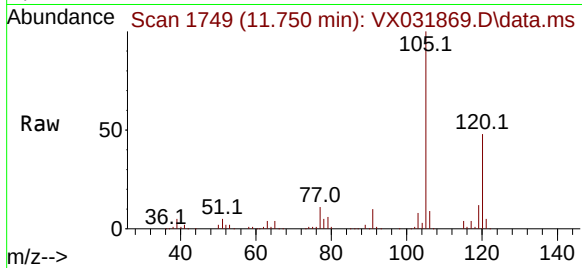




#85
 sec-Butylbenzene
 Concen: 8.530 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

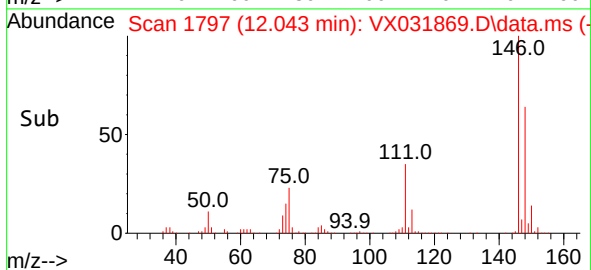
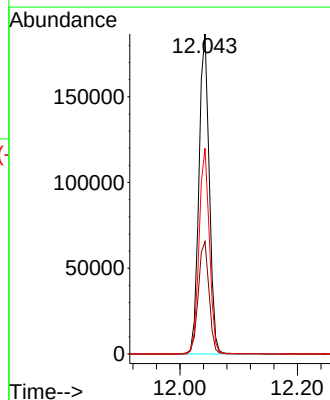
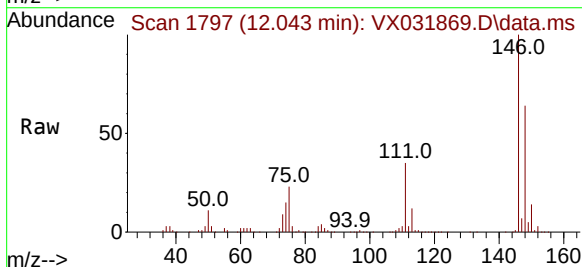
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

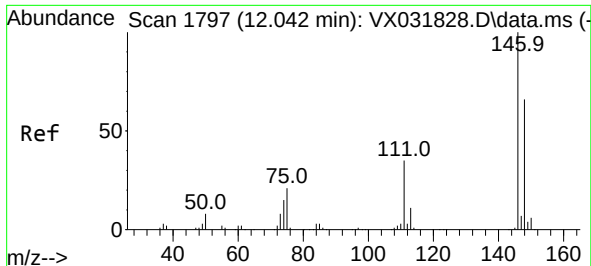
Tgt Ion:105 Resp: 75774
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#87
 1,3-Dichlorobenzene
 Concen: 52.175 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.074 min
 Lab File: VX031869.D
 Acq: 04 Oct 2022 15:10

Tgt Ion:146 Resp: 227003
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.8 59.4
 148 64.3 31.5 94.5





#88

1,4-Dichlorobenzene

Concen: 49.955 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX031869.D

Acq: 04 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

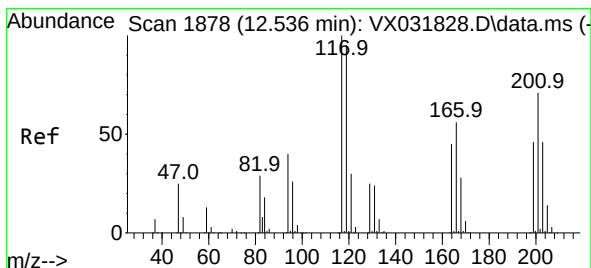
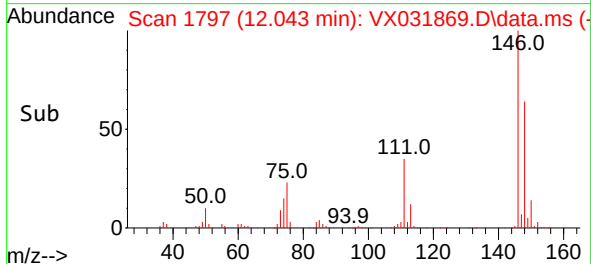
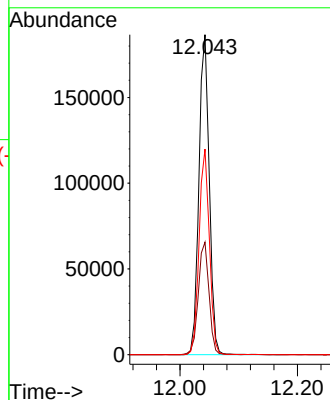
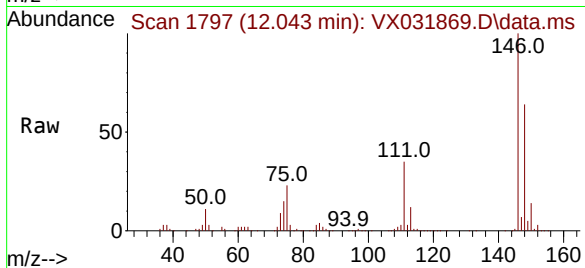
Tgt Ion:146 Resp: 227003

Ion Ratio Lower Upper

146 100

111 36.6 20.5 61.5

148 64.3 32.0 96.2



#90

Hexachloroethane

Concen: 0.453 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX031869.D

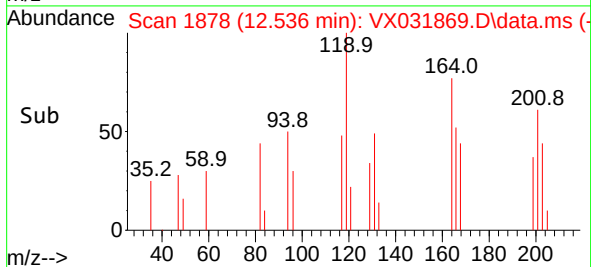
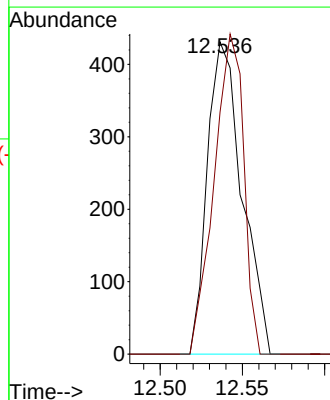
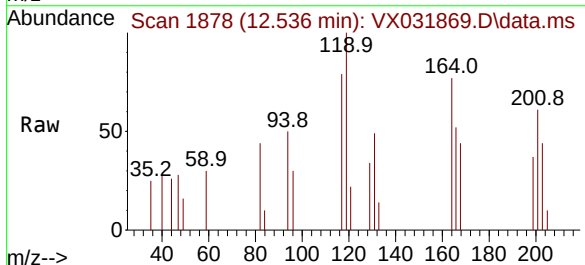
Acq: 04 Oct 2022 15:10

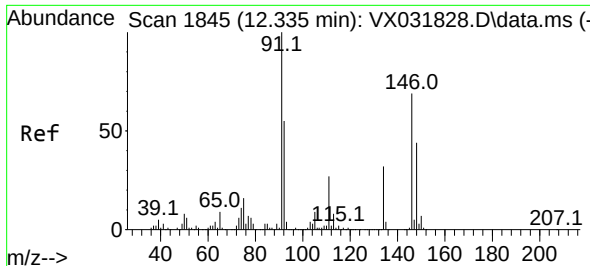
Tgt Ion:117 Resp: 633

Ion Ratio Lower Upper

117 100

201 87.4 34.8 104.4

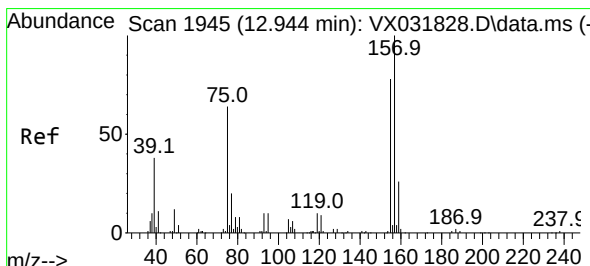
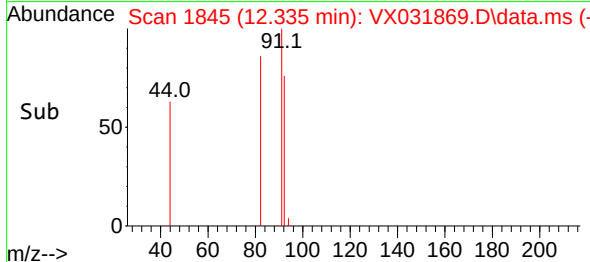
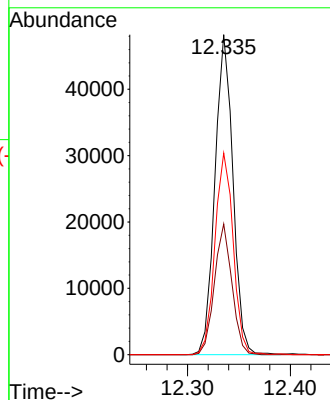
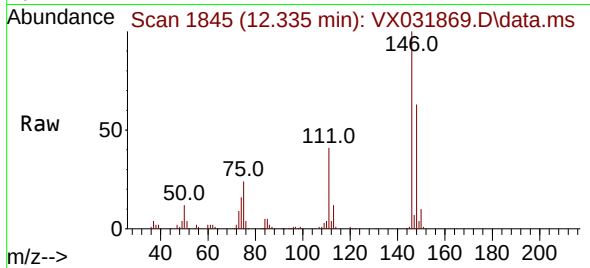




#91
1,2-Dichlorobenzene
Concen: 13.424 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

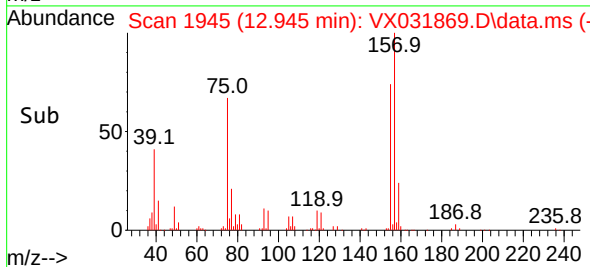
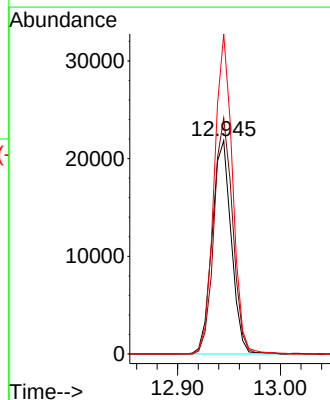
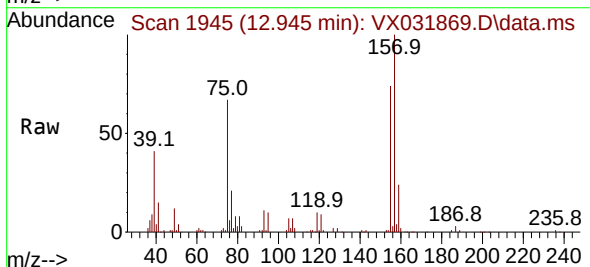
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

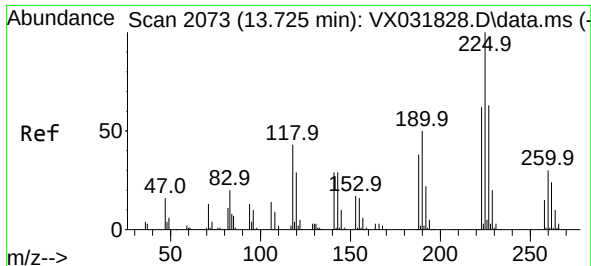
Tgt Ion:146 Resp: 58493
Ion Ratio Lower Upper
146 100
111 39.7 20.6 61.8
148 63.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.964 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 75 Resp: 28239
Ion Ratio Lower Upper
75 100
155 107.6 40.3 120.8
157 142.6 51.5 154.5

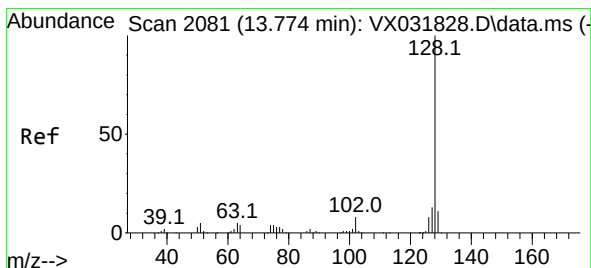
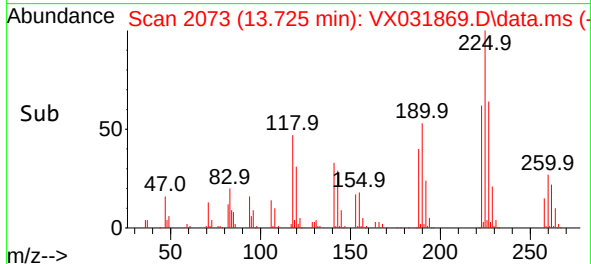
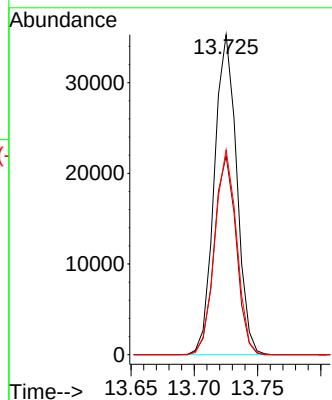
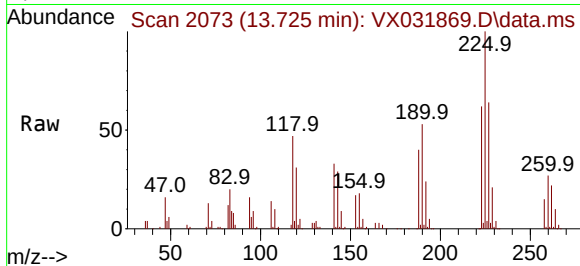




#94
Hexachlorobutadiene
Concen: 39.506 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tgt Ion:225 Resp: 43351
Ion Ratio Lower Upper
225 100
223 60.9 30.8 92.4
227 62.5 32.3 96.9



#95
Naphthalene
Concen: 0.984 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031869.D
Acq: 04 Oct 2022 15:10

Tgt Ion:128 Resp: 8174
Ion Ratio Lower Upper
128 100
127 11.1 10.4 15.6
129 9.5 8.8 13.2

