

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031879.D
 Acq On : 04 Oct 2022 19:02
 Operator : JC/MD
 Sample : N4785-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

Quant Time: Oct 05 06:27:46 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	124919	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	177817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191825	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98645	44.077	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.160%
35) Dibromofluoromethane	5.385	113	99481	47.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	360105	47.647	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.300%
62) 4-Bromofluorobenzene	11.079	95	129053	47.418	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	376	0.222	ug/l	# 80
4) Vinyl Chloride	1.374	62	26754	12.406	ug/l	100
5) Bromomethane	1.611	94	16675	7.715	ug/l	91
6) Chloroethane	1.703	64	53	Below Cal	#	43
10) Methyl Iodide	2.453	142	1164	0.652	ug/l	# 86
11) Tert butyl alcohol	3.081	59	169	0.542	ug/l	# 73
14) Allyl chloride	2.788	41	691	0.310	ug/l	# 22
16) Acetone	2.392	43	19424	21.573	ug/l	93
17) Carbon Disulfide	2.514	76	177	Below Cal	#	75
20) Methylene Chloride	2.788	84	24565	12.547	ug/l	# 81
21) trans-1,2-Dichloroethene	3.093	96	5954	2.909	ug/l	87
25) 2-Butanone	4.568	43	13875	13.511	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	39136	16.447	ug/l	70
31) Cyclohexane	5.550	56	1782	0.669	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	7240	2.764	ug/l	# 52
37) Ethyl Acetate	4.568	43	13875	6.997	ug/l	# 68
38) Carbon Tetrachloride	5.678	117	50454	15.515	ug/l	96
40) Benzene	6.044	78	58914	7.785	ug/l	100
42) 1,2-Dichloroethane	6.086	62	66231	24.982	ug/l	92
44) Trichloroethene	7.129	130	31695	12.964	ug/l	83
46) Dibromomethane	7.824	93	1223	0.828	ug/l	# 8
47) Bromodichloromethane	7.824	83	35924	12.147	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1033	0.513	ug/l	# 1
52) Toluene	8.720	92	79879	15.056	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	35605	12.625	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	29769	9.633	ug/l	# 86
55) 1,1,2-Trichloroethane	9.153	97	37942	17.943	ug/l	93
59) 2-Hexanone	9.433	43	39518	27.010	ug/l	88
60) Dibromochloromethane	9.525	129	36184	14.095	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22469	9.569	ug/l	96
64) Tetrachloroethene	9.275	164	10946	4.564	ug/l	93
65) Chlorobenzene	10.079	112	126972	21.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	56217	25.111	ug/l	97
67) Ethyl Benzene	10.195	91	101582	10.610	ug/l	98
68) m/p-Xylenes	10.305	106	18979	4.802	ug/l	91
69) o-Xylene	10.640	106	85470	22.445	ug/l	89

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

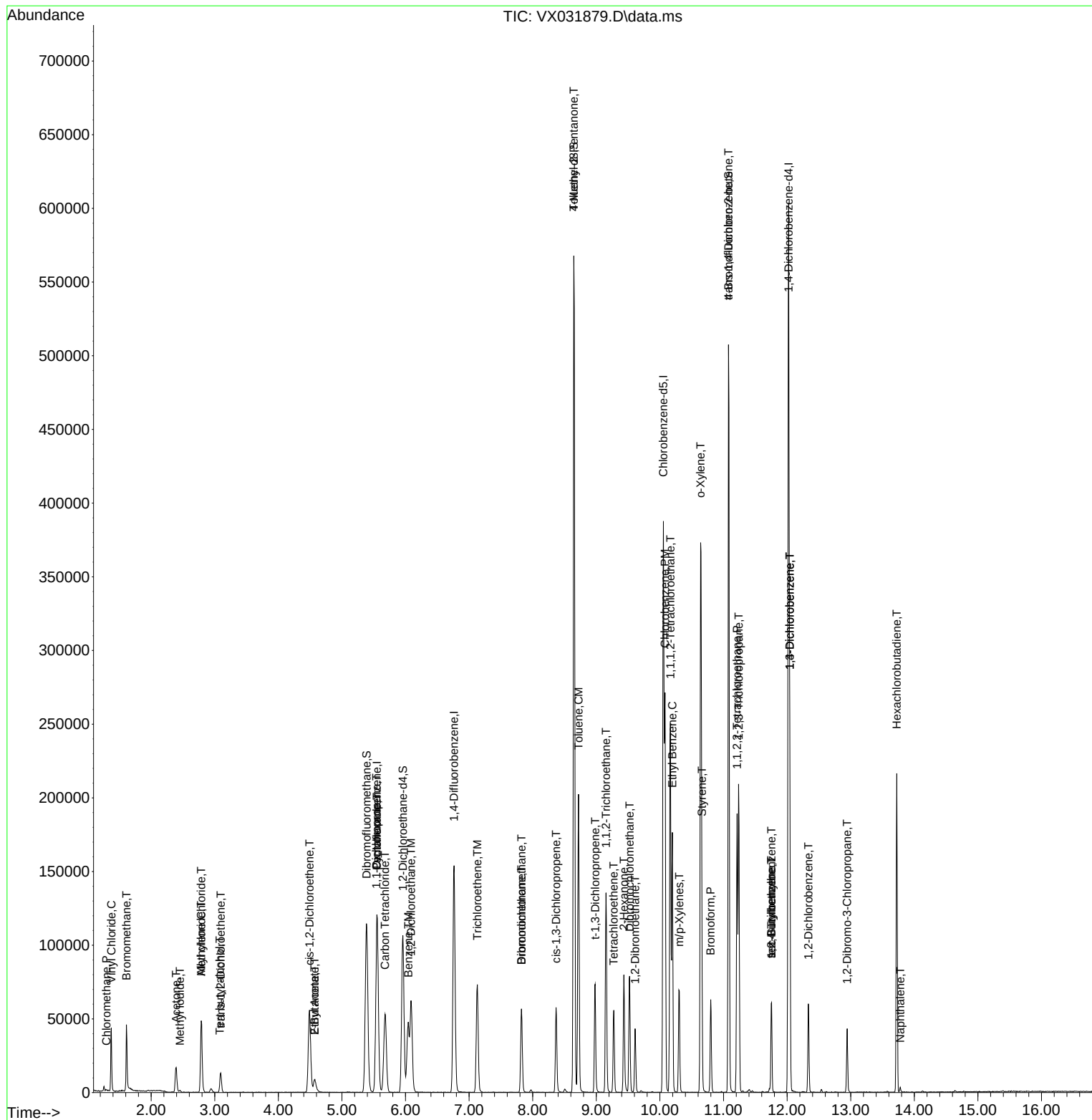
70) Styrene	10.659	104	52605	8.499	ug/l	90
71) Bromoform	10.799	173	23593	12.532	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	66815	24.363	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62714	25.270	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.079	75	60315	83.431	ug/l #	11
83) tert-Butylbenzene	11.756	119	4213	0.518	ug/l #	75
84) 1,2,4-Trimethylbenzene	11.756	105	29099	3.634	ug/l	96
85) sec-Butylbenzene	11.756	105	29099	2.972	ug/l #	56
87) 1,3-Dichlorobenzene	12.042	146	80854	16.862	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	80854	16.145	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	20359	4.240	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6748	11.701	ug/l	58
94) Hexachlorobutadiene	13.725	225	31013	25.644	ug/l	100
95) Naphthalene	13.780	128	2818	0.308	ug/l	96

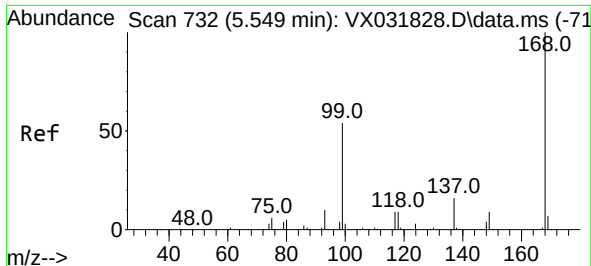
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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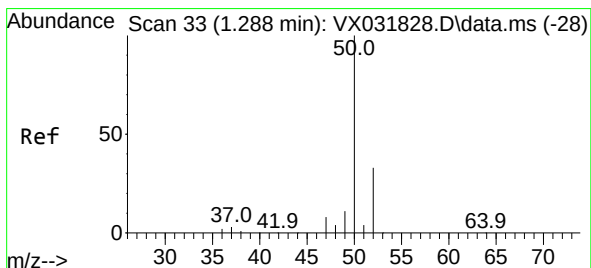
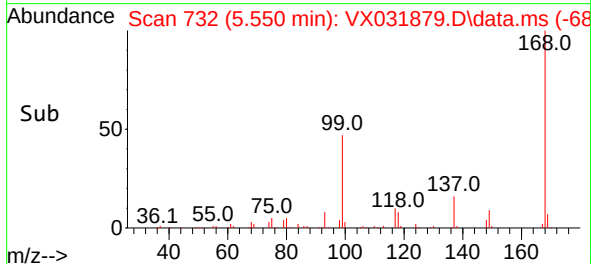
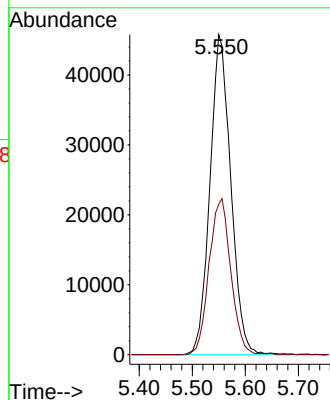
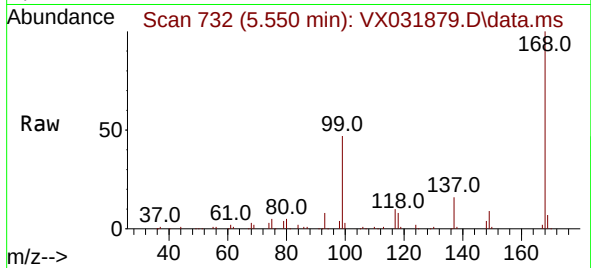




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

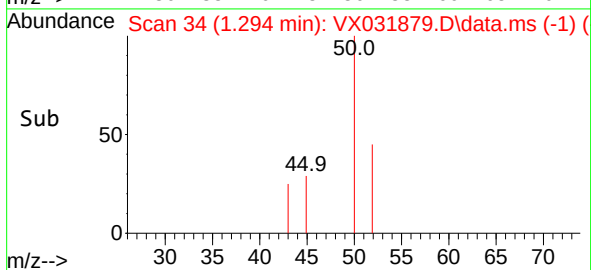
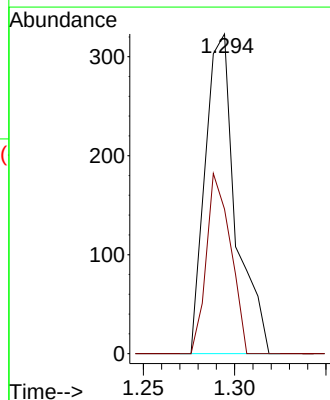
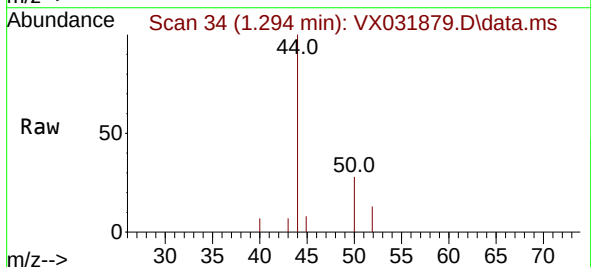
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

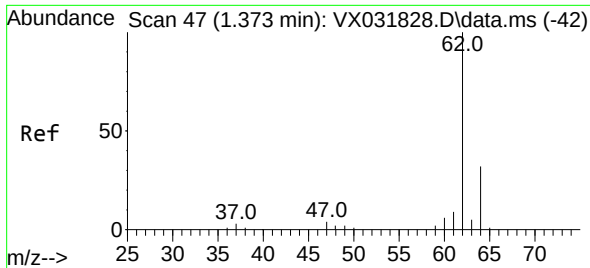
Tgt Ion:168 Resp: 124919
Ion Ratio Lower Upper
168 100
99 47.0 48.8 73.2#



#3
Chloromethane
Concen: 0.222 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 45.2 26.9 40.3#

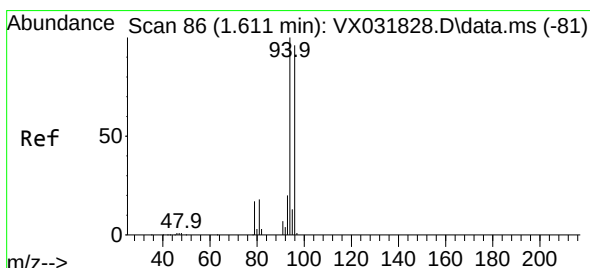
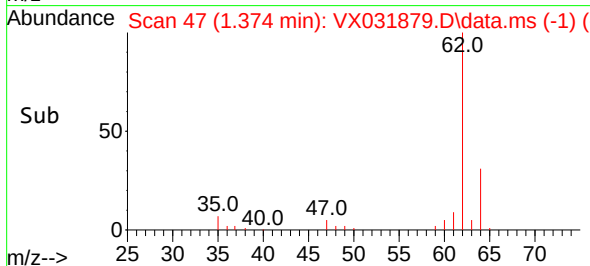
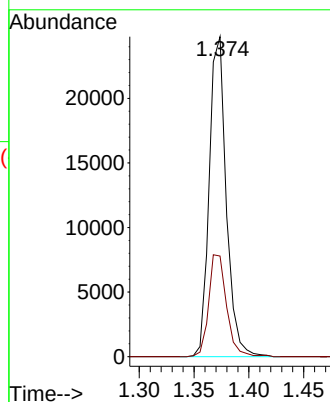
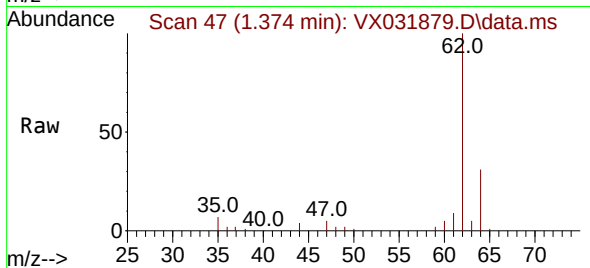




#4
 Vinyl Chloride
 Concen: 12.406 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

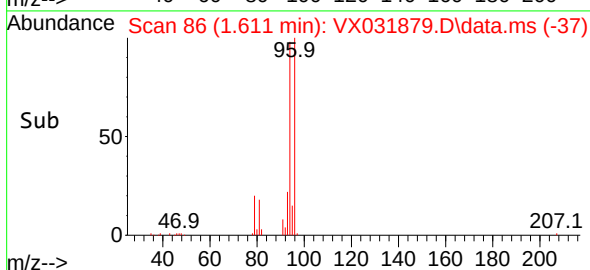
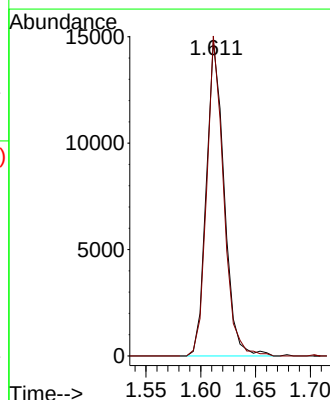
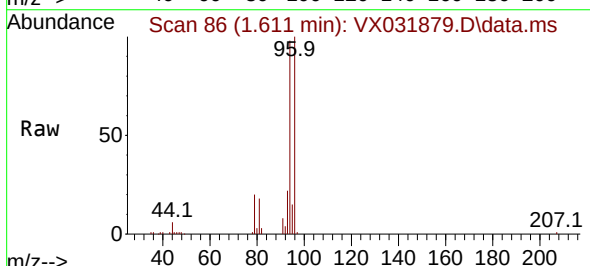
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

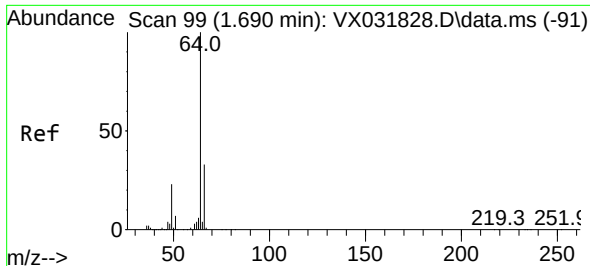
Tgt Ion: 62 Resp: 26754
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.3 37.9



#5
 Bromomethane
 Concen: 7.715 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

Tgt Ion: 94 Resp: 16675
 Ion Ratio Lower Upper
 94 100
 96 101.7 74.4 111.6

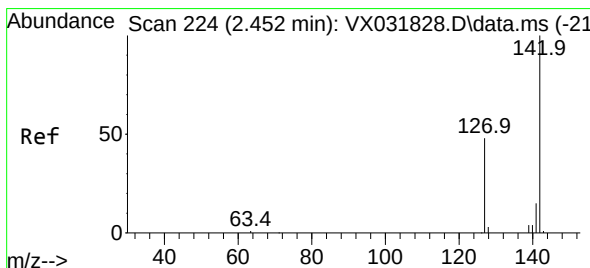
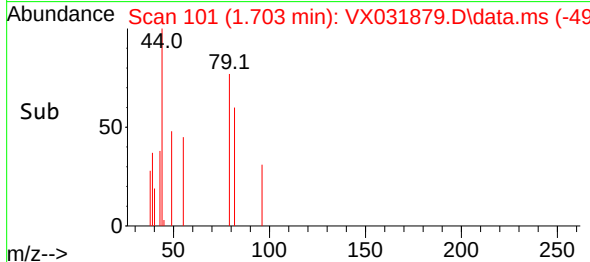
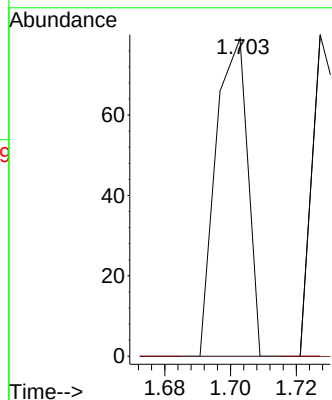
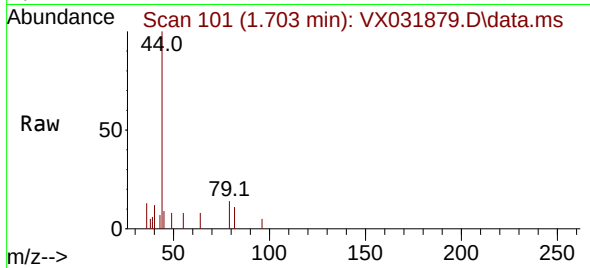




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

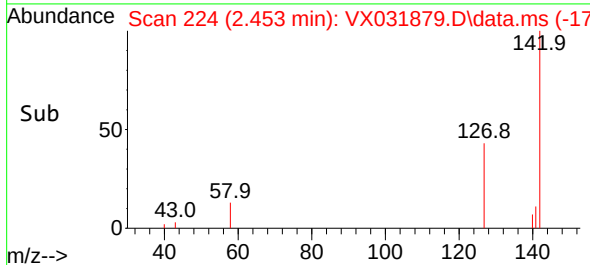
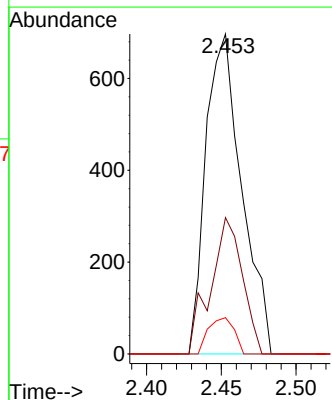
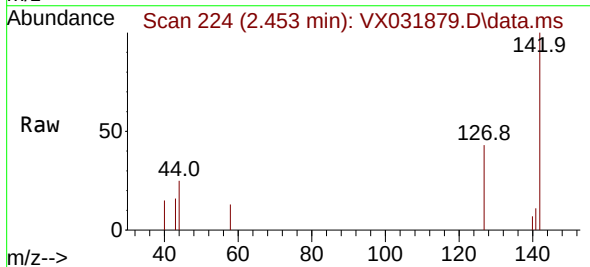
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

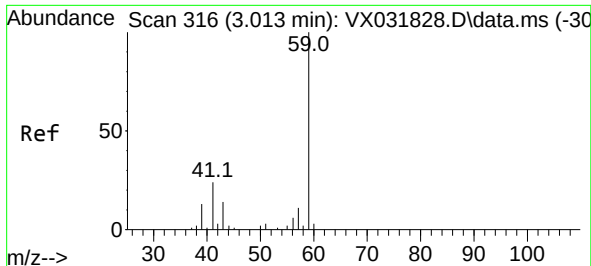
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.652 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 142 Resp: 1164
Ion Ratio Lower Upper
142 100
127 37.7 37.4 56.0
141 8.1 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.542 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

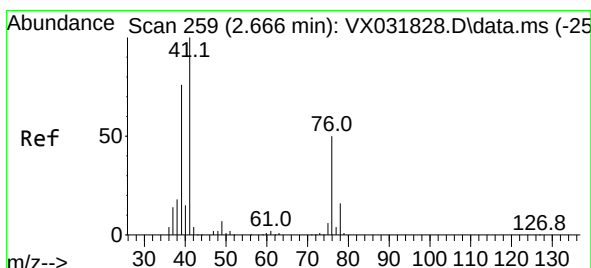
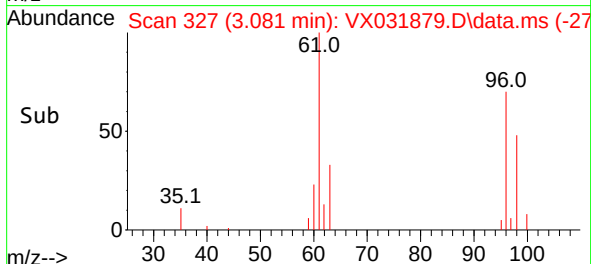
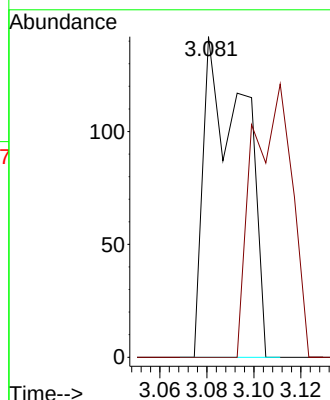
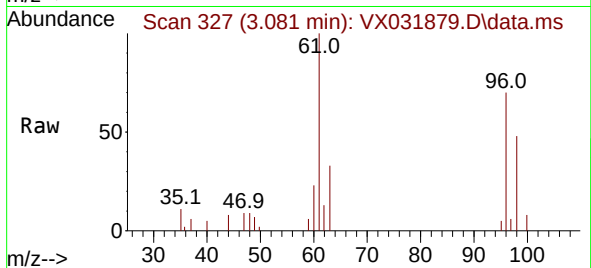
PT-VOA-WPDL

Tgt Ion: 59 Resp: 169

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#14

Allyl chloride

Concen: 0.310 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.128 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

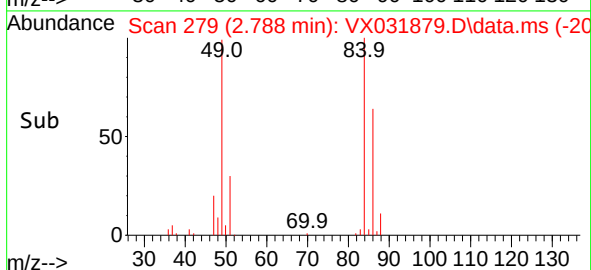
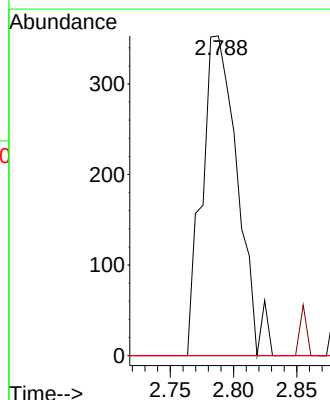
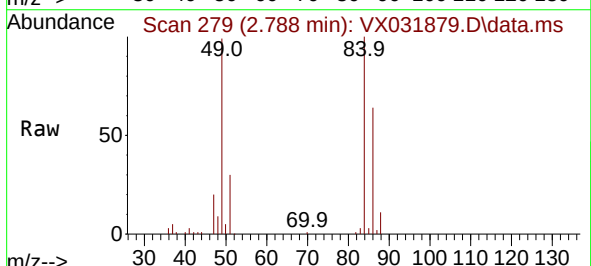
Tgt Ion: 41 Resp: 691

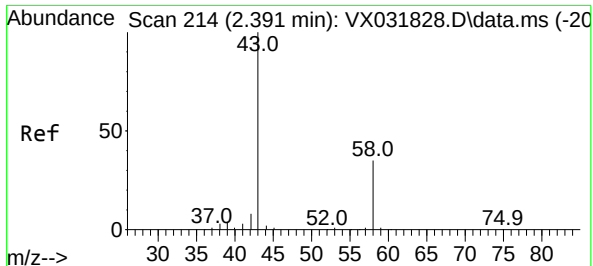
Ion Ratio Lower Upper

41 100

39 0.0 58.2 87.4#

76 0.0 26.9 40.3#

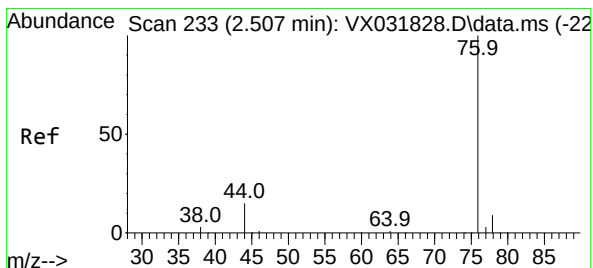
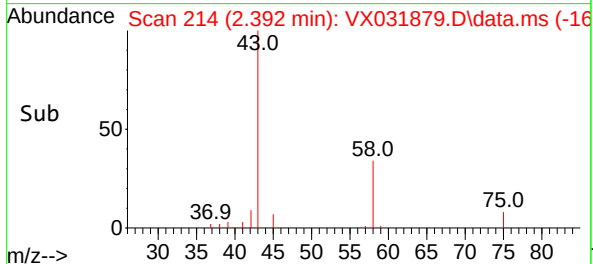
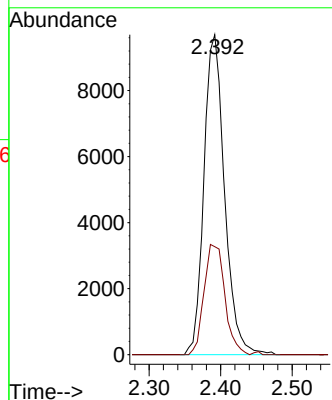
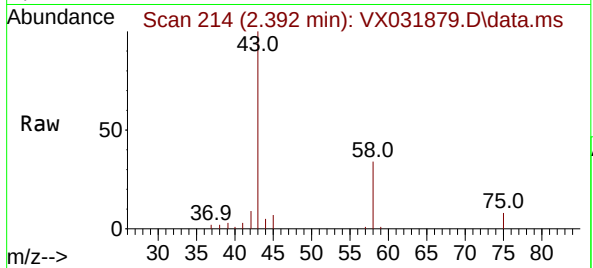




#16
Acetone
Concen: 21.573 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

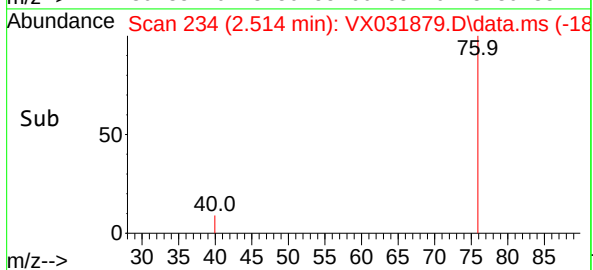
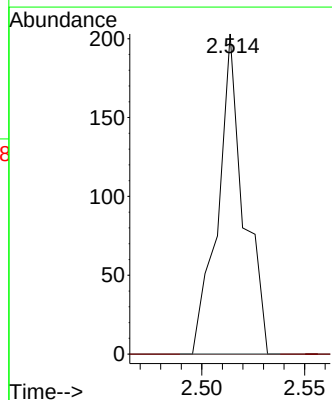
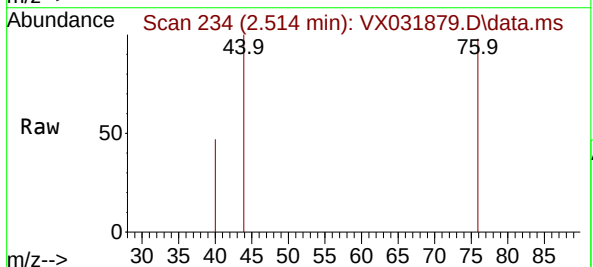
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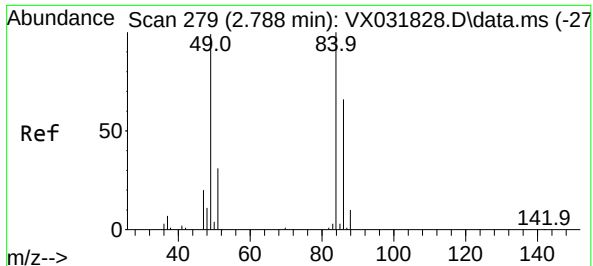
Tgt Ion: 43 Resp: 19424
Ion Ratio Lower Upper
43 100
58 33.7 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 76 Resp: 177
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

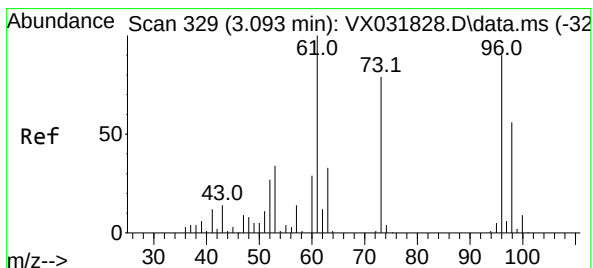
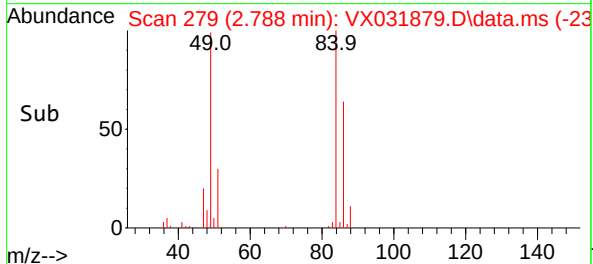
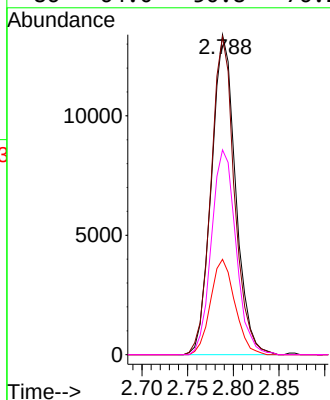
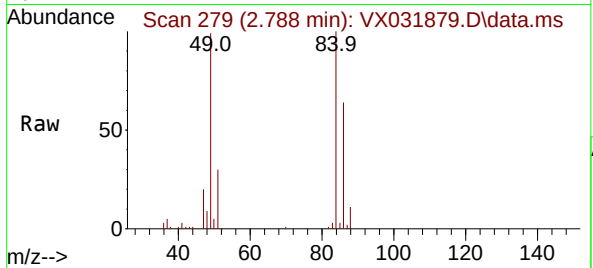




#20
Methylene Chloride
Concen: 12.547 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031879.D
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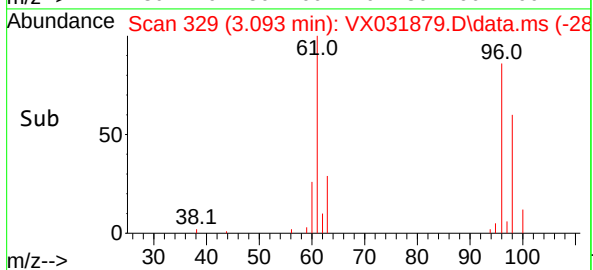
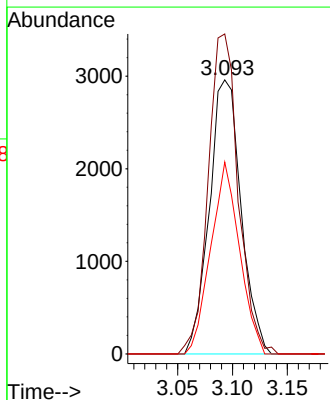
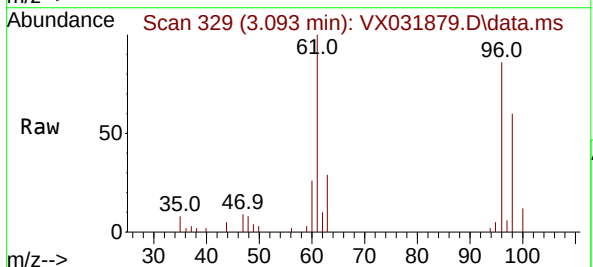
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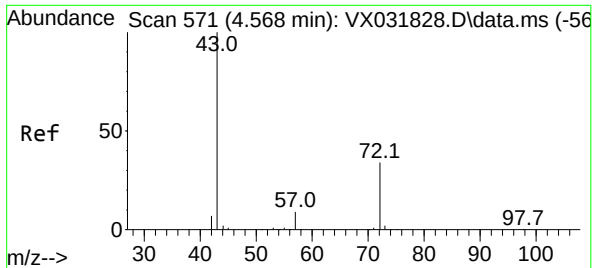
Tgt Ion: 84	Resp: 24565
Ion Ratio	Lower Upper
84	100
49	99.4 105.9 158.9#
51	29.8 32.2 48.2#
86	64.0 50.8 76.2



#21
trans-1,2-Dichloroethene
Concen: 2.909 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 96	Resp: 5954
Ion Ratio	Lower Upper
96	100
61	116.8 106.7 160.1
98	70.0 48.7 73.1

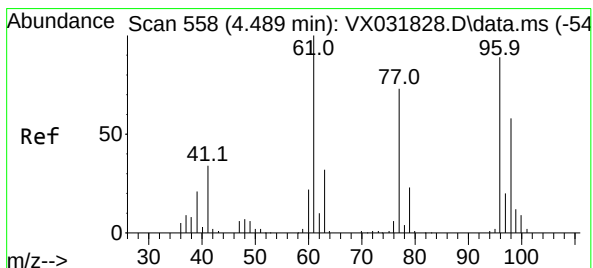
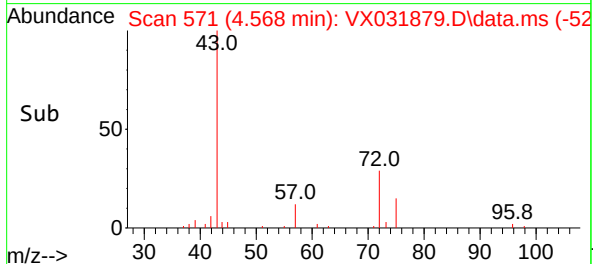
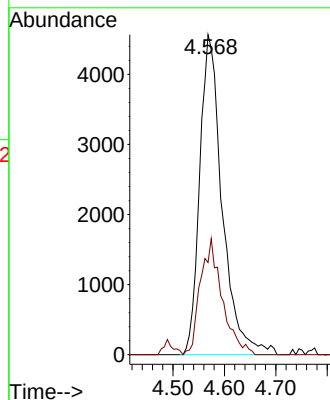
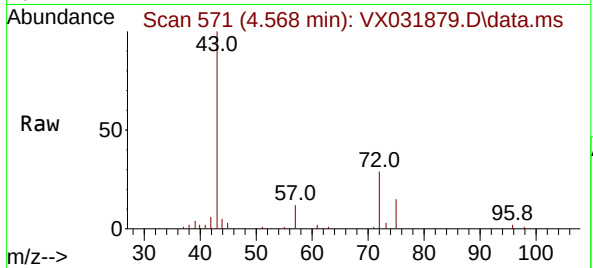




#25
2-Butanone
Concen: 13.511 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

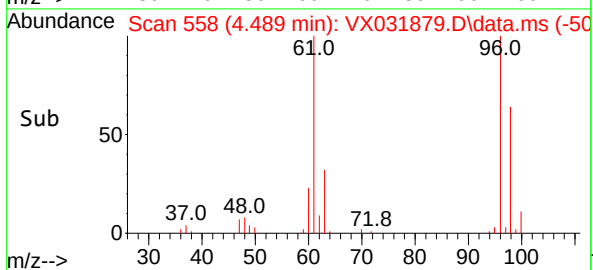
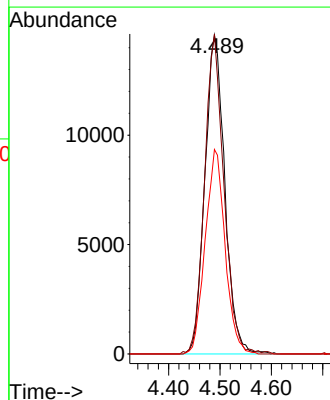
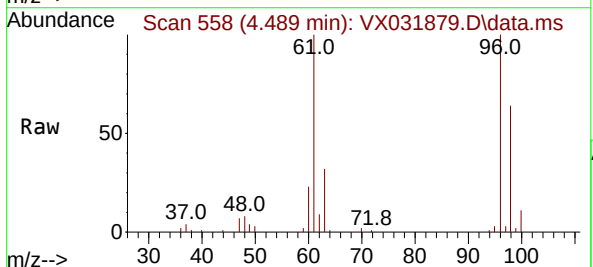
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

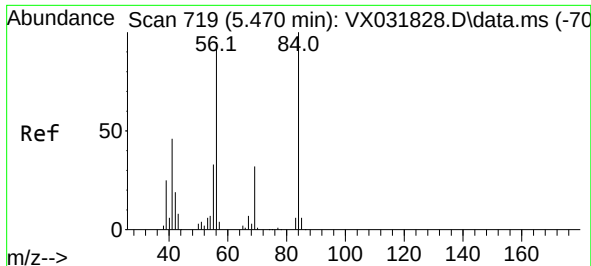
Tgt Ion: 43 Resp: 13875
Ion Ratio Lower Upper
43 100
72 28.8 21.1 31.7



#27
cis-1,2-Dichloroethene
Concen: 16.447 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 96 Resp: 39136
Ion Ratio Lower Upper
96 100
61 97.9 0.0 305.2
98 64.2 0.0 128.4

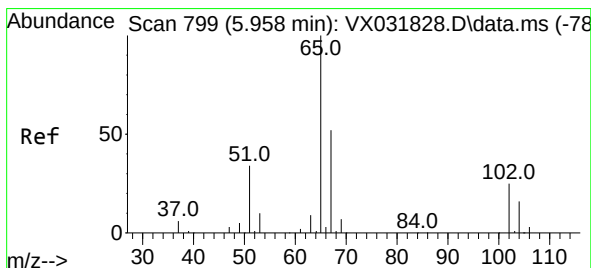
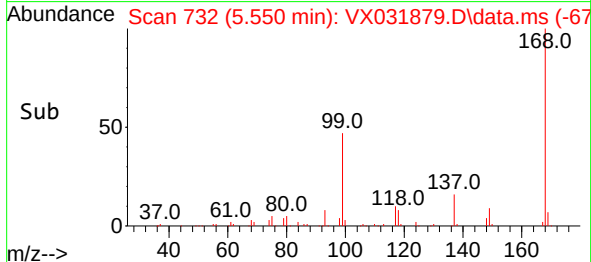
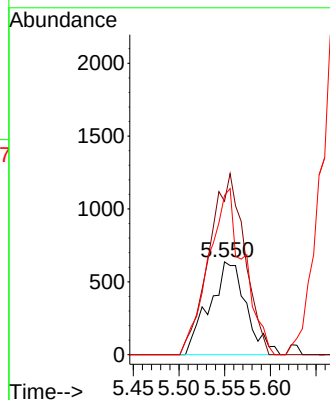
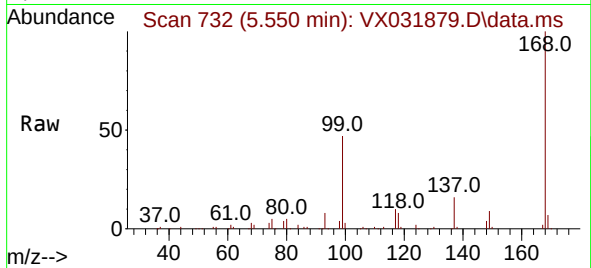




#31
Cyclohexane
Concen: 0.669 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

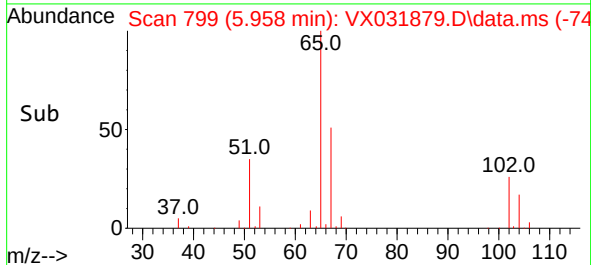
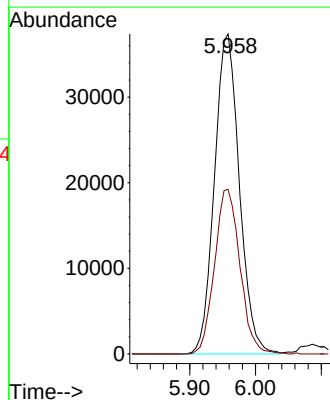
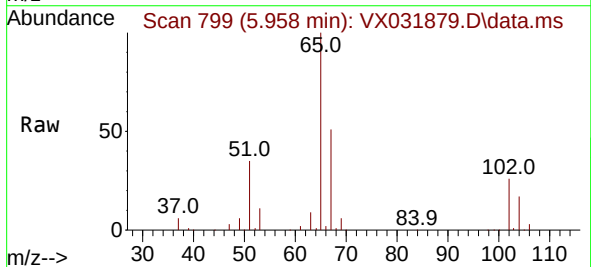
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

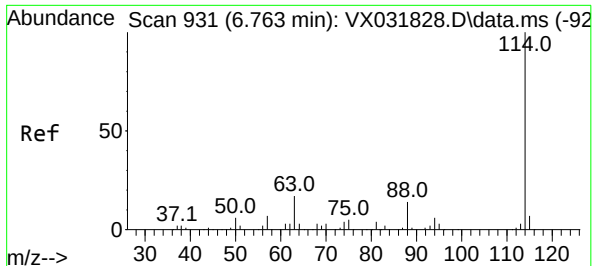
Tgt Ion: 56 Resp: 1782
Ion Ratio Lower Upper
56 100
69 165.3 25.1 37.7#
84 171.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 44.077 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 65 Resp: 98645
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

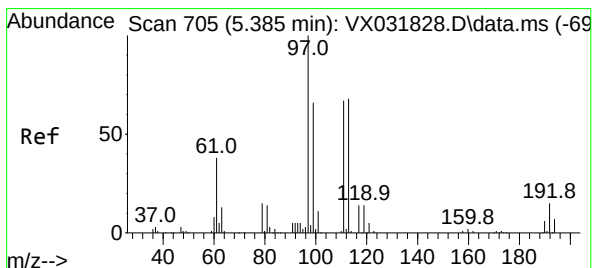
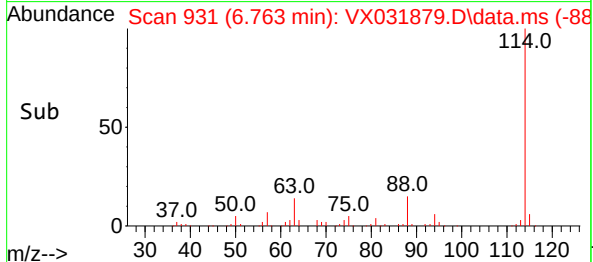
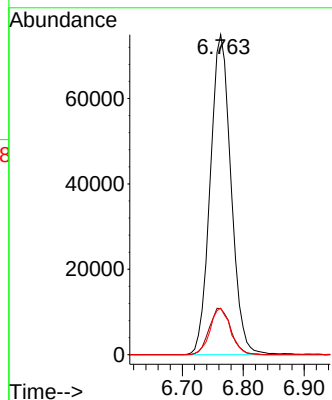
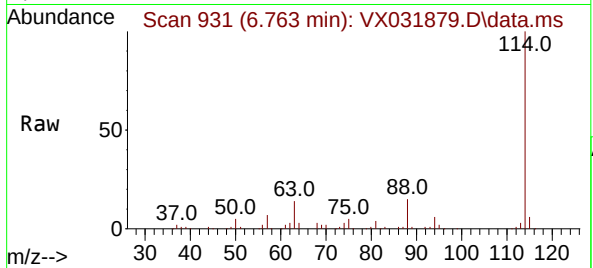




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

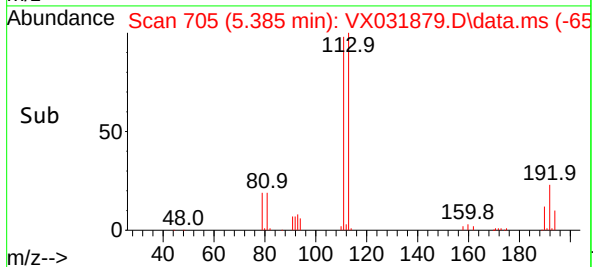
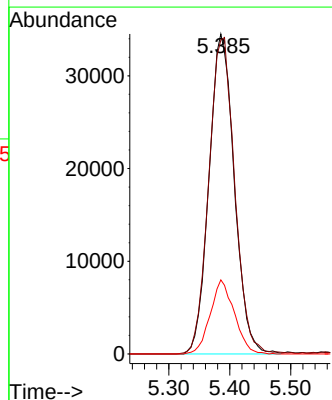
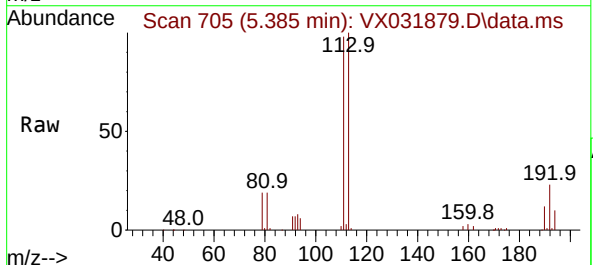
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

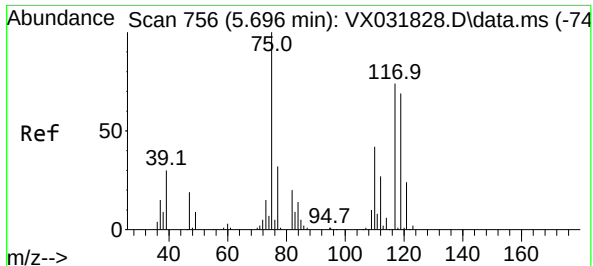
Tgt Ion:114 Resp: 177817
Ion Ratio Lower Upper
114 100
63 14.4 0.0 42.6
88 14.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.088 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion:113 Resp: 99481
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 22.1 14.1 21.1#





#36

1,1-Dichloropropene

Concen: 2.764 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

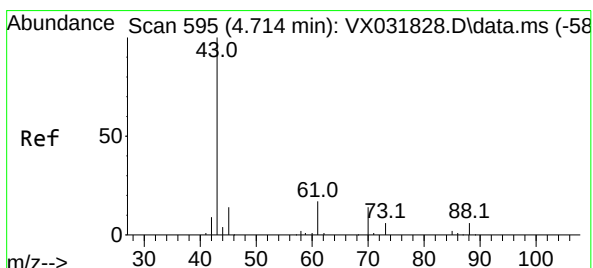
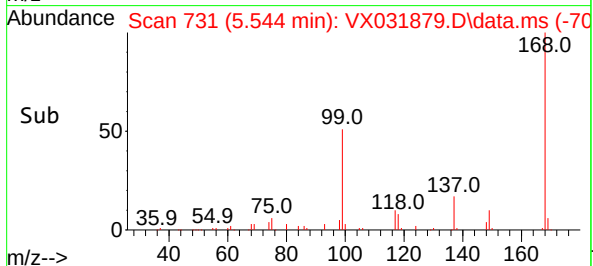
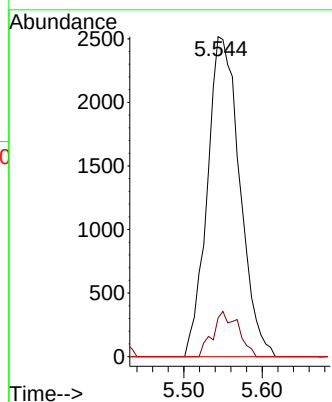
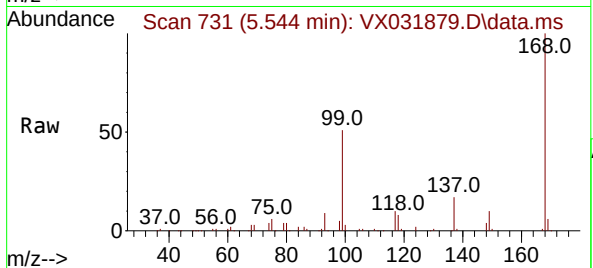
Tgt Ion: 75 Resp: 7240

Ion Ratio Lower Upper

75 100

110 11.0 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 6.997 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.146 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

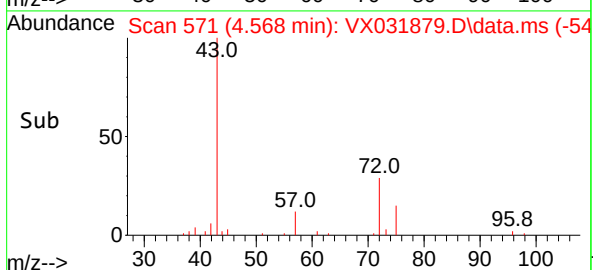
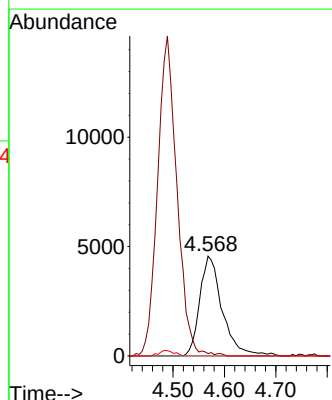
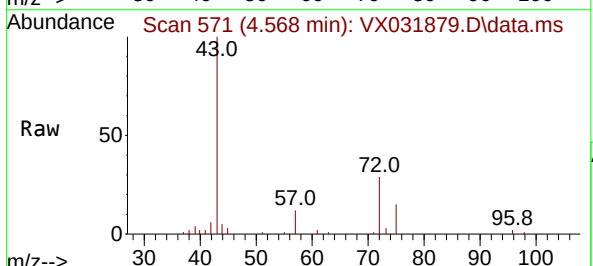
Tgt Ion: 43 Resp: 13875

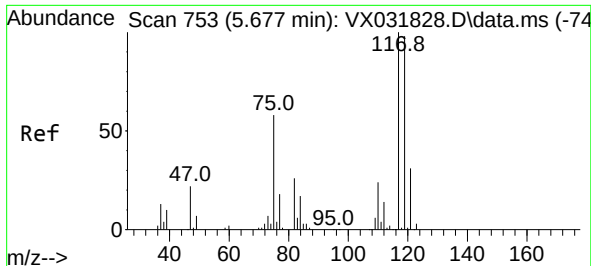
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#

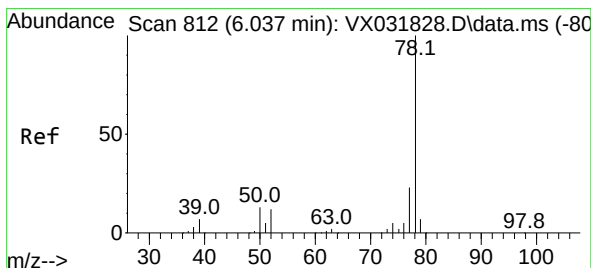
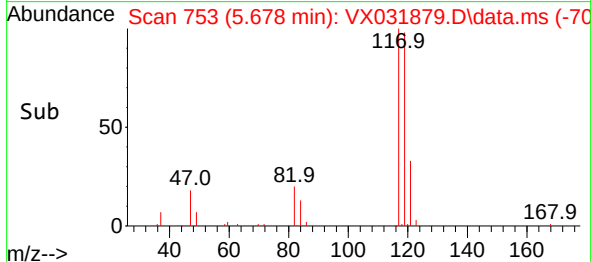
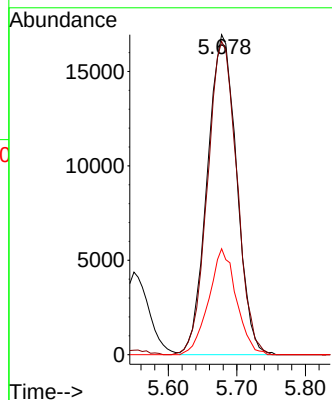
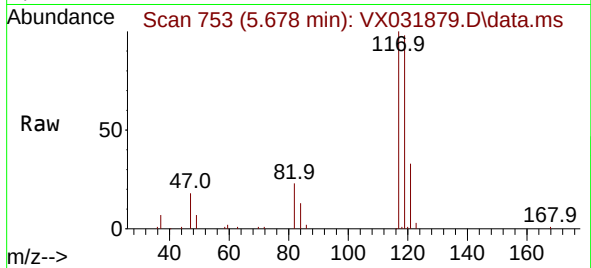




#38
Carbon Tetrachloride
Concen: 15.515 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

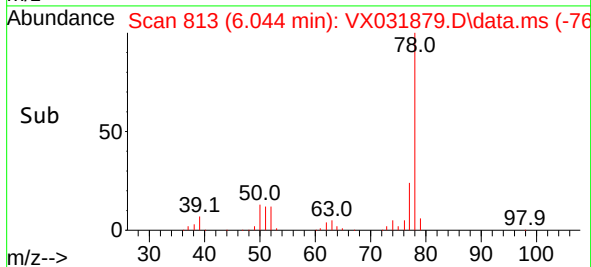
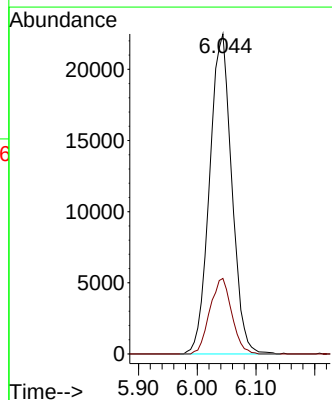
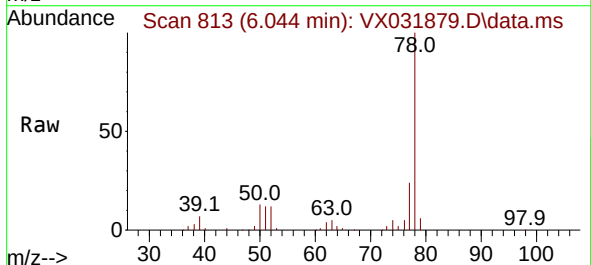
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

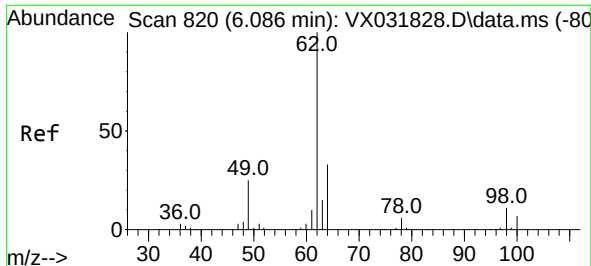
Tgt Ion:117 Resp: 50454
Ion Ratio Lower Upper
117 100
119 97.8 74.6 112.0
121 33.1 25.3 37.9



#40
Benzene
Concen: 7.785 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 78 Resp: 58914
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1





#42

1,2-Dichloroethane

Concen: 24.982 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

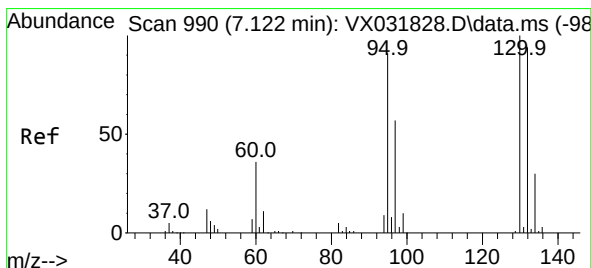
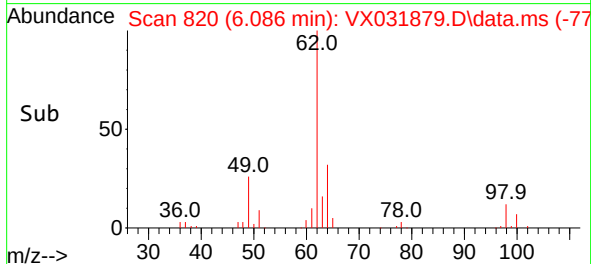
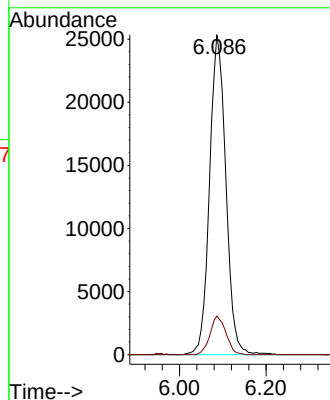
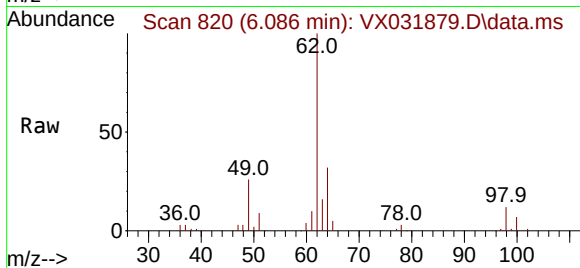
PT-VOA-WPDL

Tgt Ion: 62 Resp: 66231

Ion Ratio Lower Upper

62 100

98 11.8 0.0 17.8



#44

Trichloroethene

Concen: 12.964 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031879.D

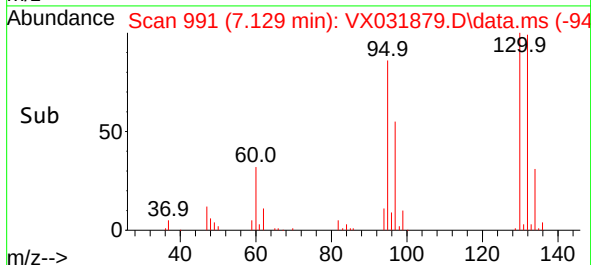
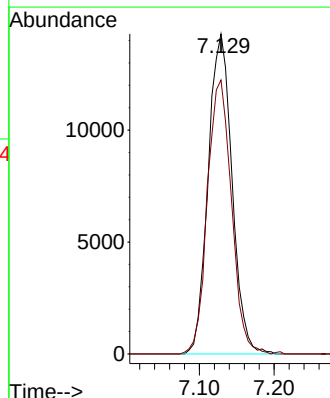
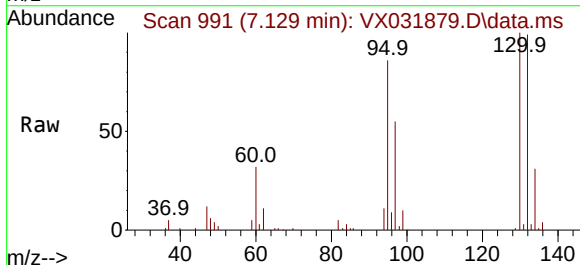
Acq: 04 Oct 2022 19:02

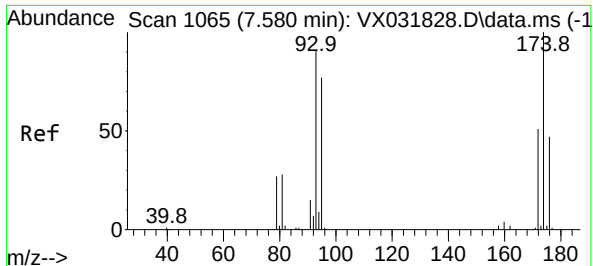
Tgt Ion:130 Resp: 31695

Ion Ratio Lower Upper

130 100

95 85.6 0.0 206.8

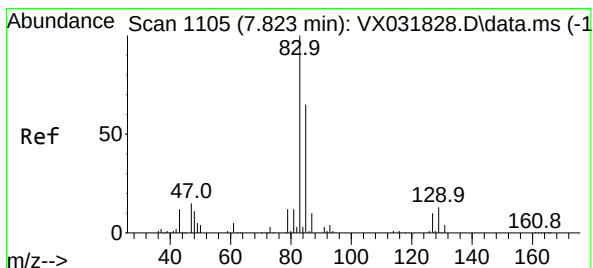
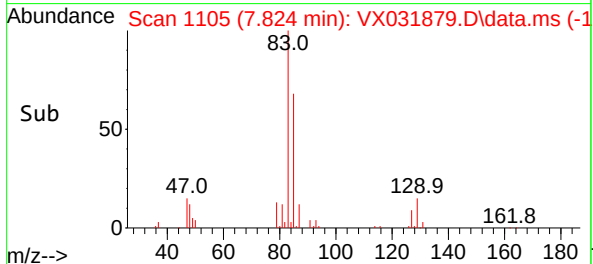
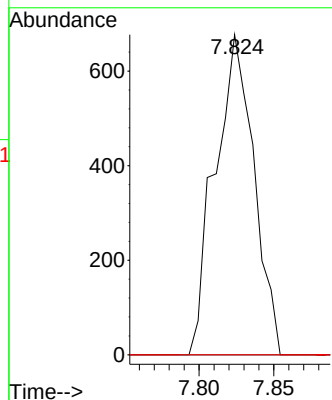
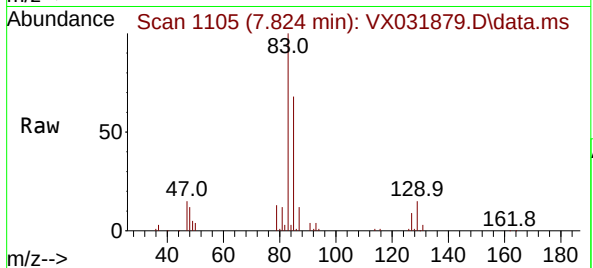




#46
Dibromomethane
Concen: 0.828 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.244 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

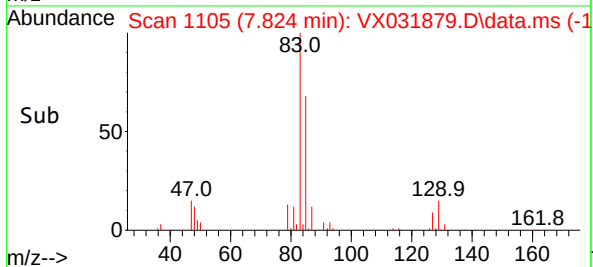
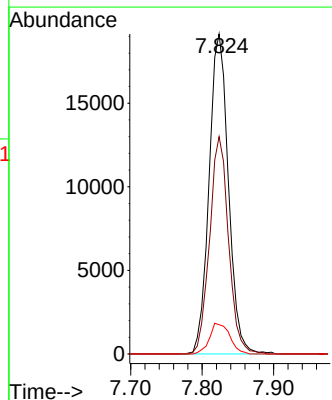
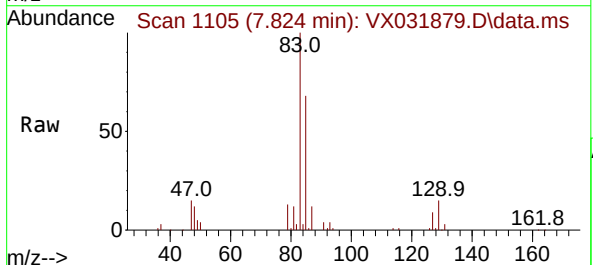
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

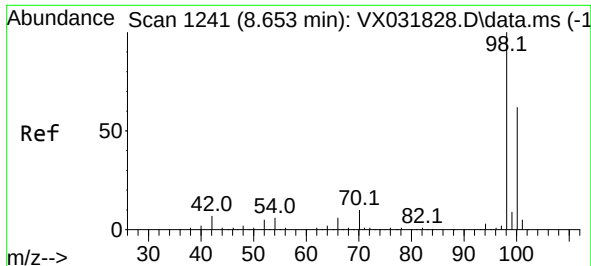
Tgt Ion: 93 Resp: 1223
Ion Ratio Lower Upper
93 100
95 0.0 65.5 98.3#
174 0.0 67.6 101.4#



#47
Bromodichloromethane
Concen: 12.147 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 83 Resp: 35924
Ion Ratio Lower Upper
83 100
85 67.9 51.0 76.6
127 9.1 7.0 10.6

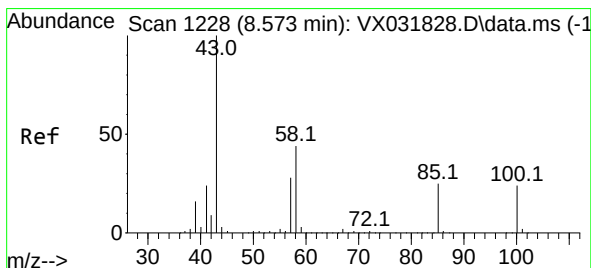
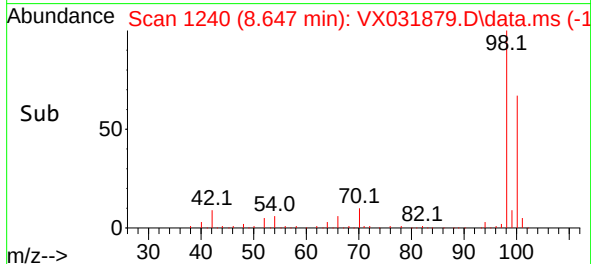
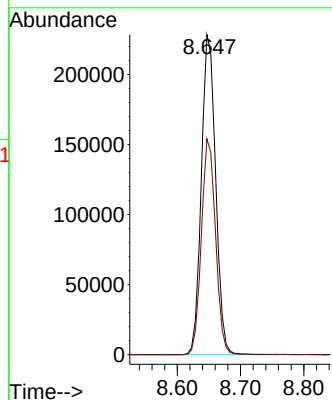
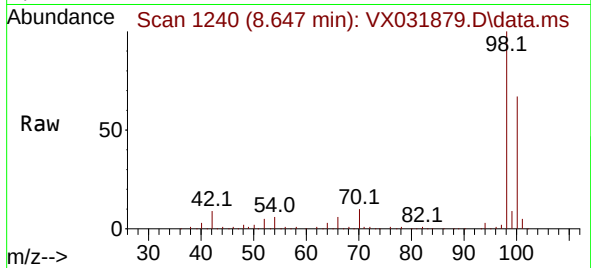




#50
Toluene-d8
Concen: 47.647 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

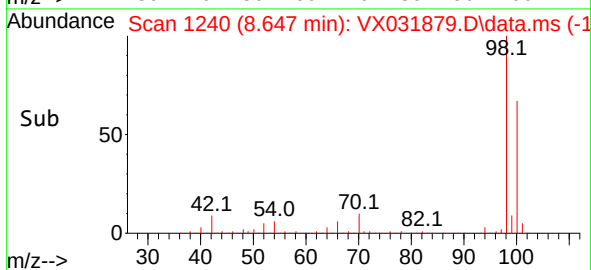
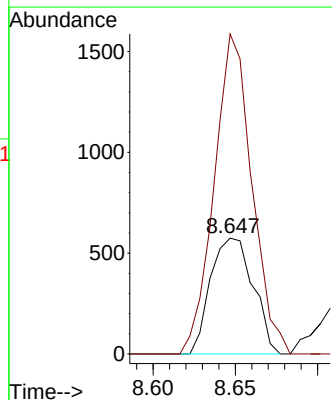
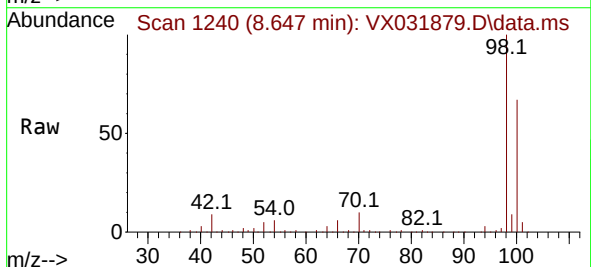
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

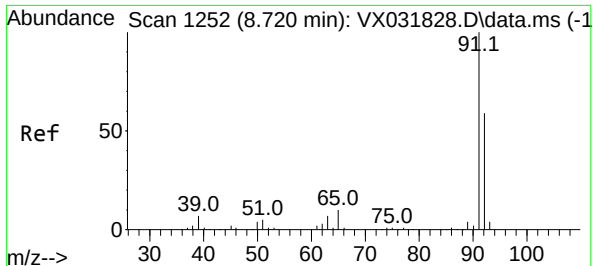
Tgt Ion: 98 Resp: 360105
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
58 244.9 30.6 46.0#

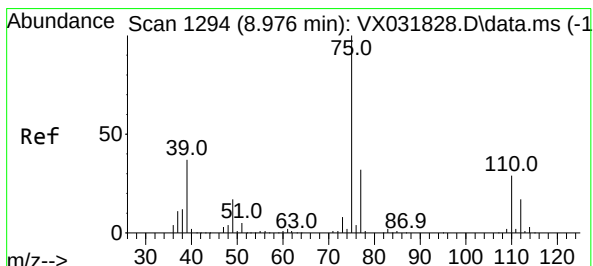
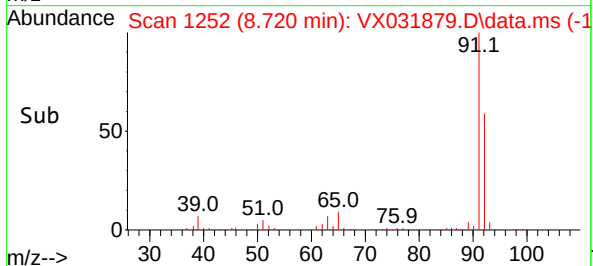
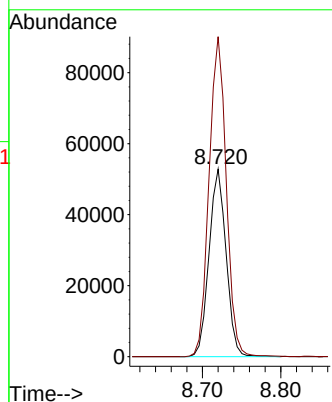
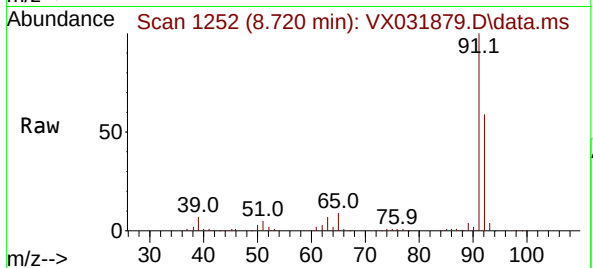




#52
Toluene
Concen: 15.056 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

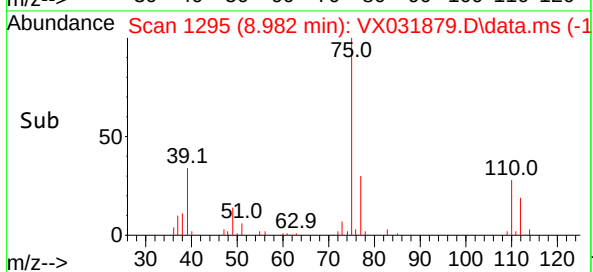
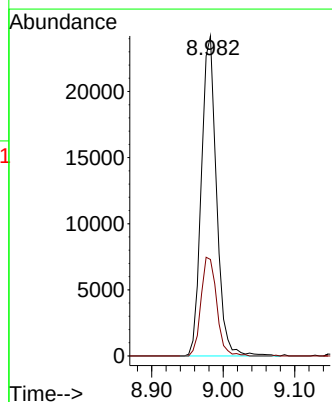
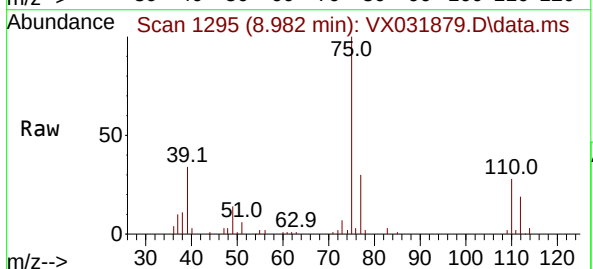
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

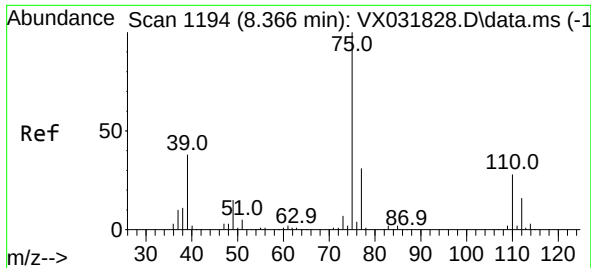
Tgt Ion: 92 Resp: 79879
Ion Ratio Lower Upper
92 100
91 172.2 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 12.625 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 75 Resp: 35605
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2

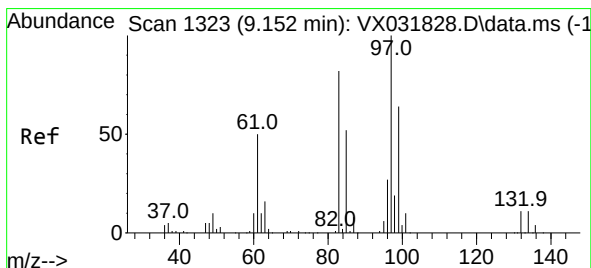
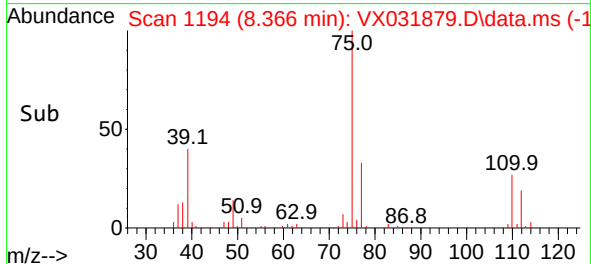
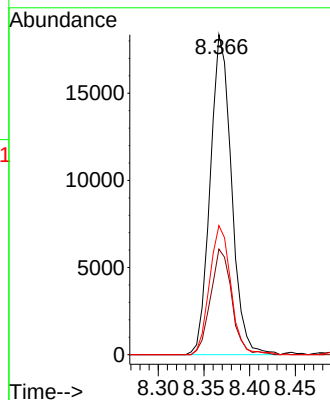
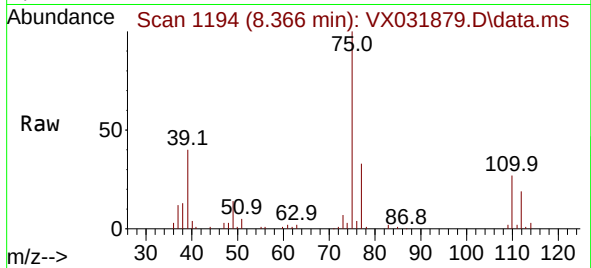




#54
 cis-1,3-Dichloropropene
 Concen: 9.633 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

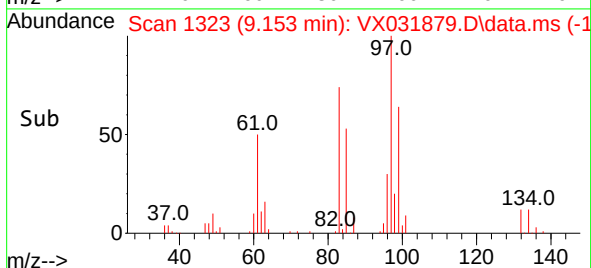
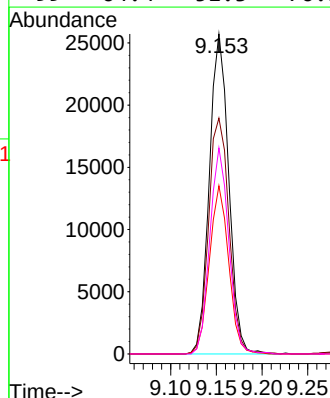
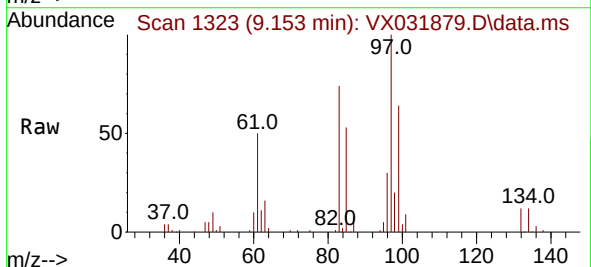
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

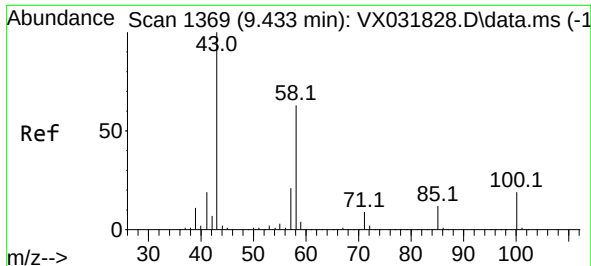
Tgt Ion:	75	Resp:	29769
Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.4	36.6
39	40.4	43.7	65.5



#55
 1,1,2-Trichloroethane
 Concen: 17.943 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

Tgt Ion:	97	Resp:	37942
Ion	Ratio	Lower	Upper
97	100		
83	73.7	69.0	103.6
85	52.6	44.1	66.1
99	64.4	51.3	76.9





#59

2-Hexanone

Concen: 27.010 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

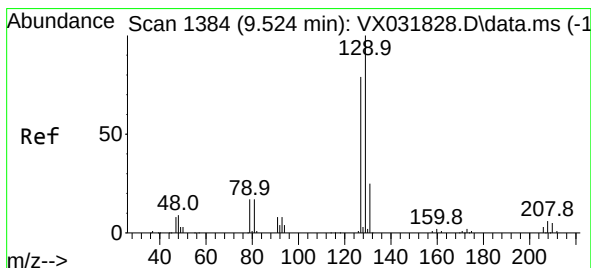
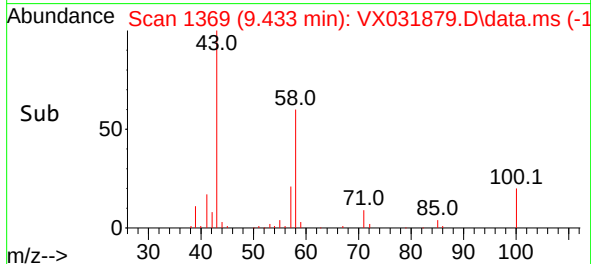
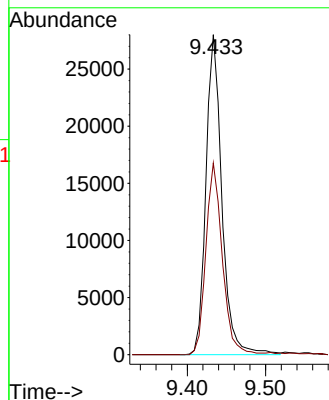
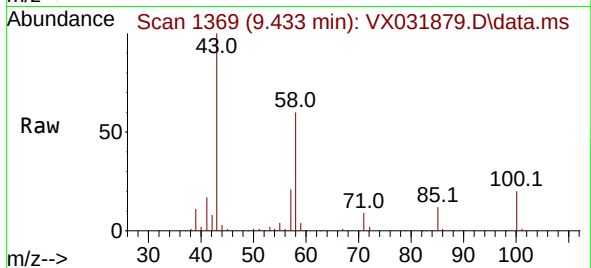
PT-VOA-WPDL

Tgt Ion: 43 Resp: 39518

Ion Ratio Lower Upper

43 100

58 61.9 26.7 80.0



#60

Dibromochloromethane

Concen: 14.095 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031879.D

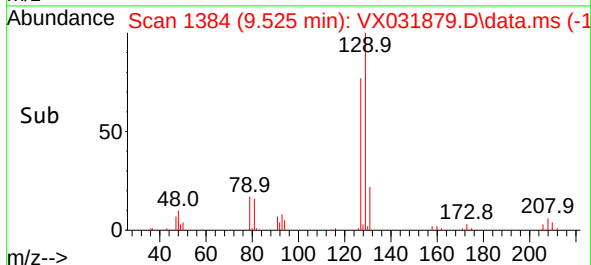
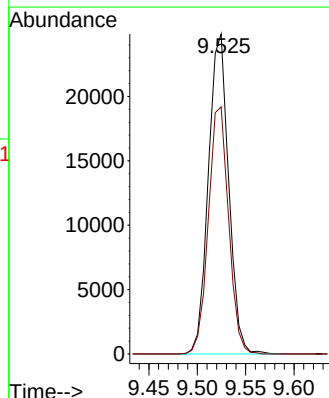
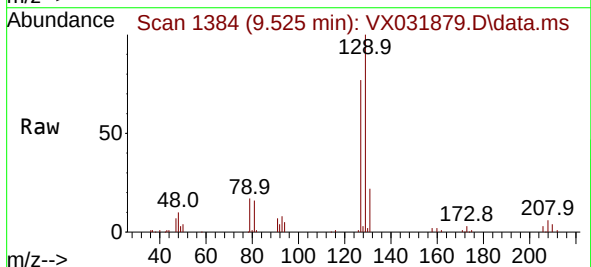
Acq: 04 Oct 2022 19:02

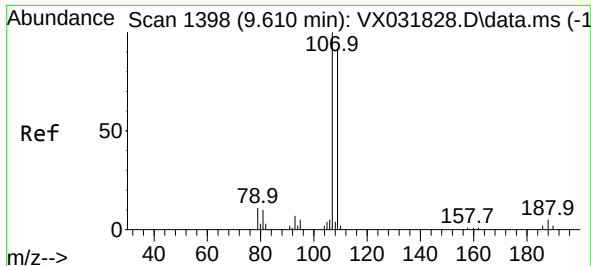
Tgt Ion: 129 Resp: 36184

Ion Ratio Lower Upper

129 100

127 77.1 38.7 116.1

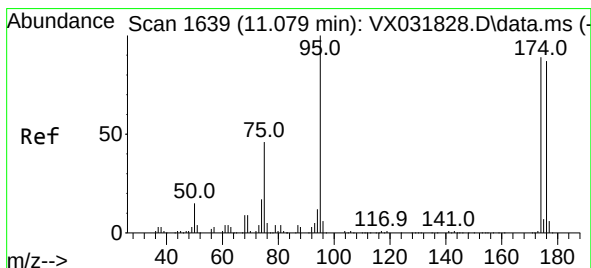
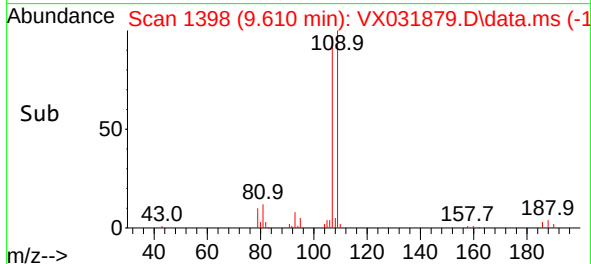
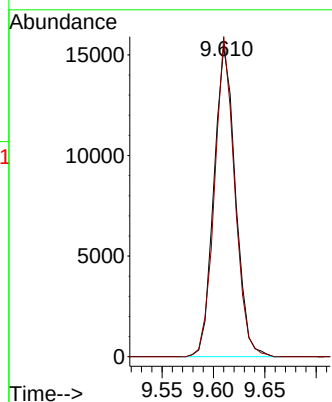
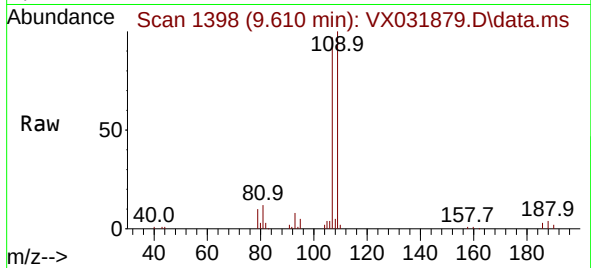




#61
1,2-Dibromoethane
Concen: 9.569 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

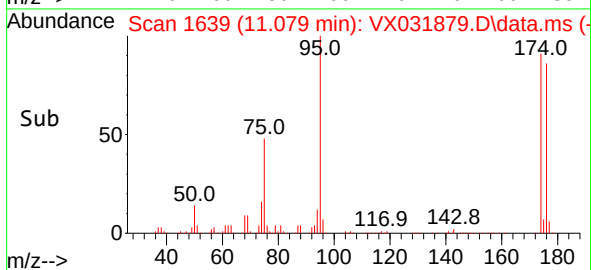
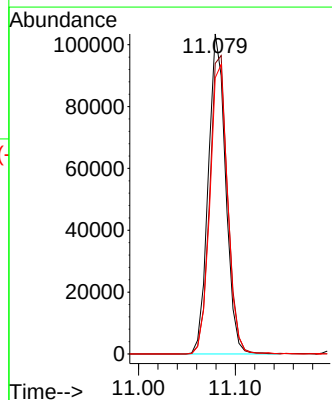
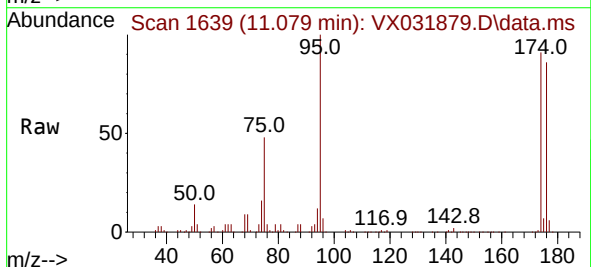
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

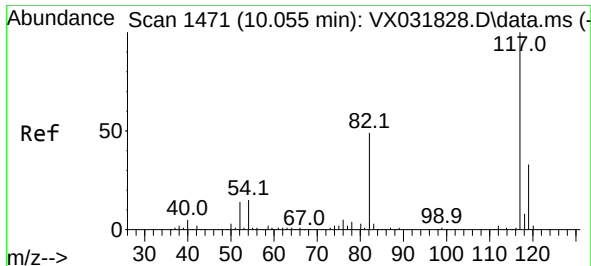
Tgt Ion:107 Resp: 22469
Ion Ratio Lower Upper
107 100
109 96.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 95 Resp: 129053
Ion Ratio Lower Upper
95 100
174 96.0 0.0 153.2
176 92.7 0.0 144.0

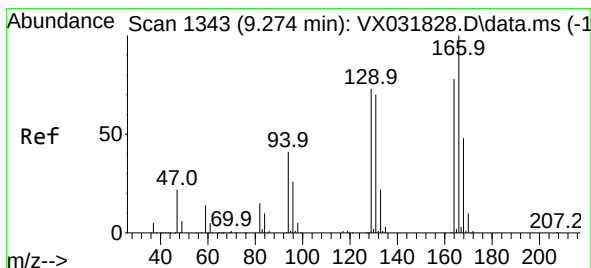
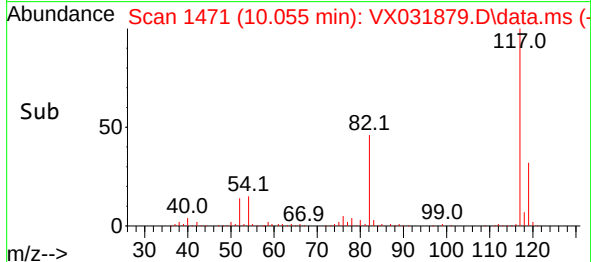
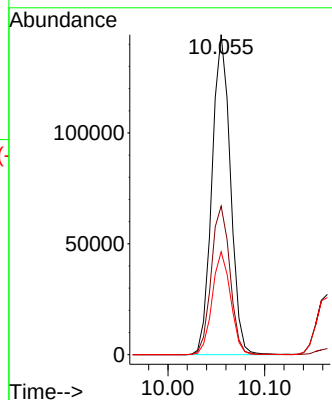
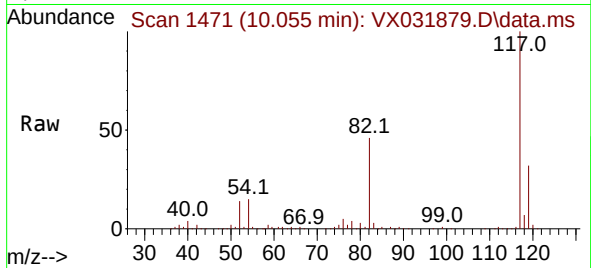




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

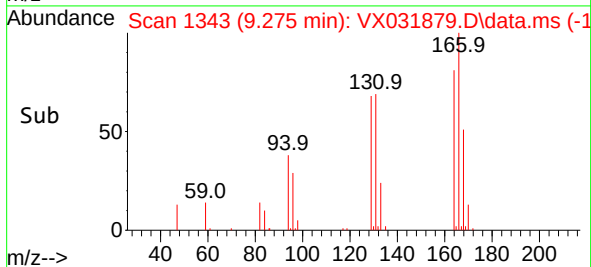
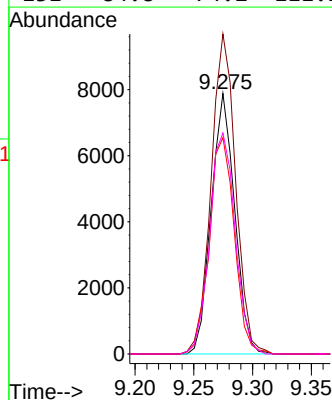
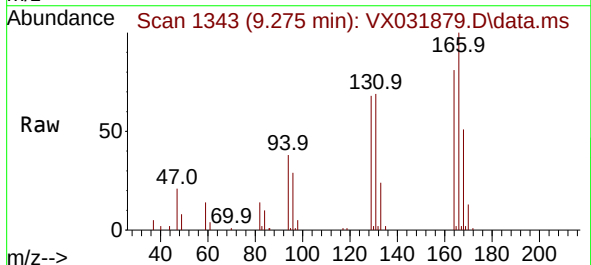
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

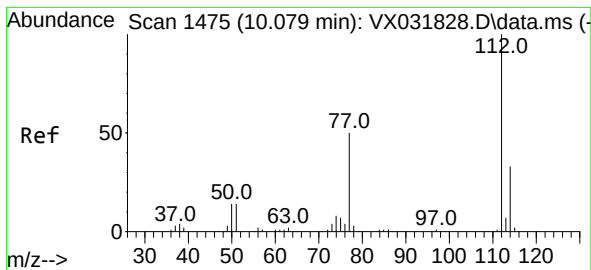
Tgt Ion:117 Resp: 191825
Ion Ratio Lower Upper
117 100
82 46.5 46.8 70.2#
119 32.2 26.4 39.6



#64
Tetrachloroethene
Concen: 4.564 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion:164 Resp: 10946
Ion Ratio Lower Upper
164 100
166 122.9 99.0 148.4
129 83.1 78.0 117.0
131 84.8 74.2 111.2

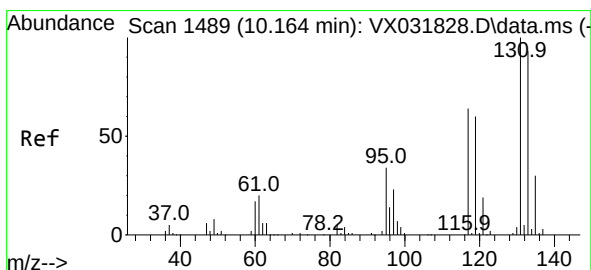
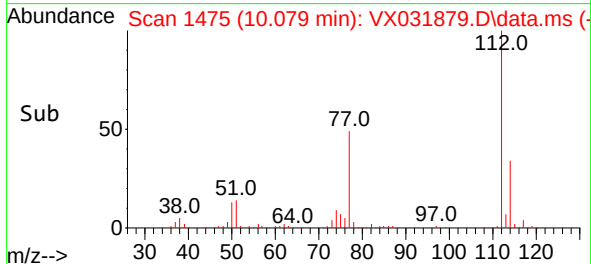
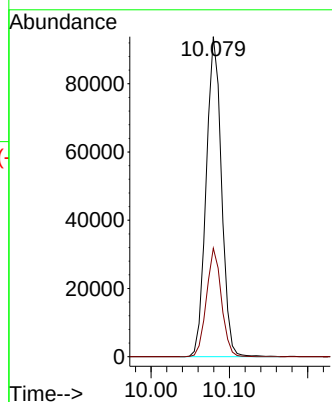
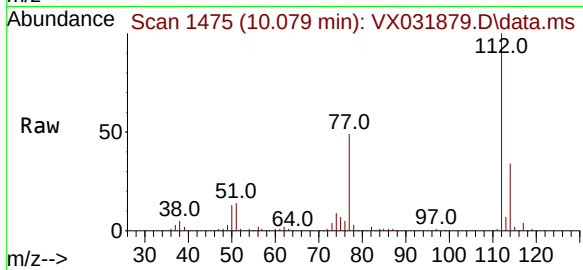




#65
Chlorobenzene
Concen: 21.830 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

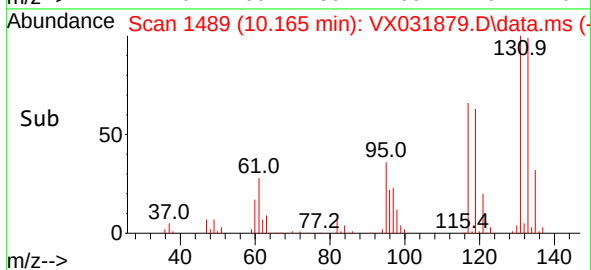
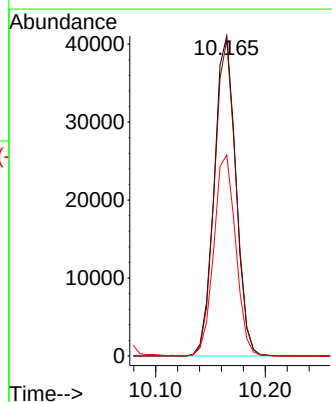
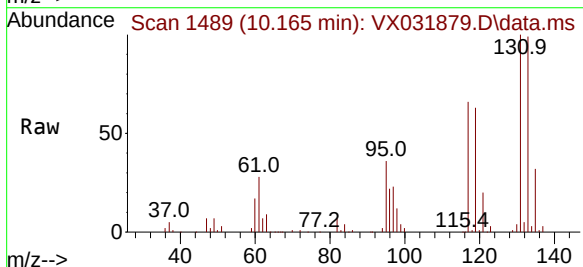
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

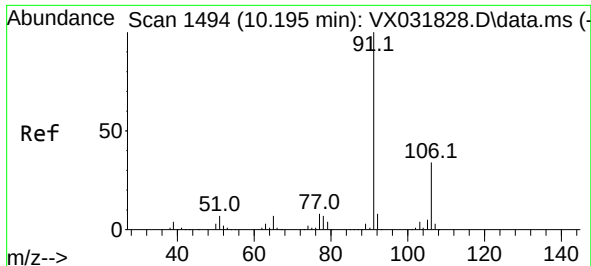
Tgt Ion:112 Resp: 126972
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 25.111 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion:131 Resp: 56217
Ion Ratio Lower Upper
131 100
133 97.8 46.6 139.7
119 63.7 31.9 95.9





#67

Ethyl Benzene

Concen: 10.610 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

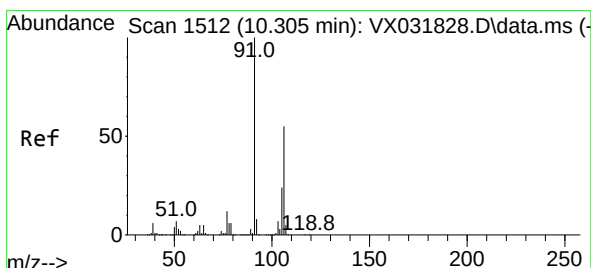
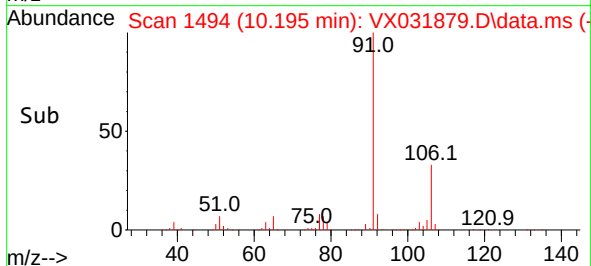
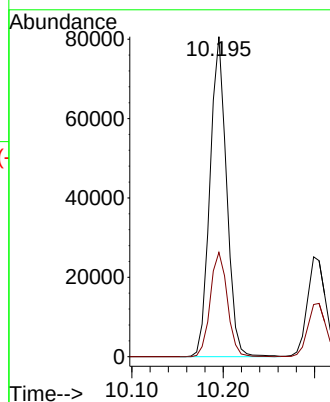
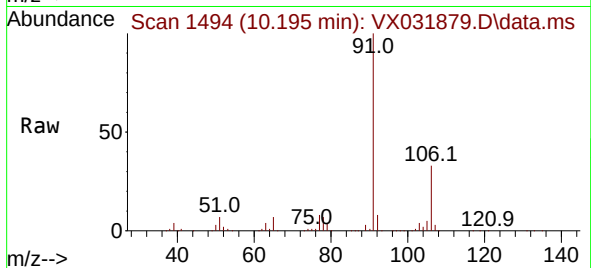
PT-VOA-WPDL

Tgt Ion: 91 Resp: 101582

Ion Ratio Lower Upper

91 100

106 32.6 25.2 37.8



#68

m/p-Xylenes

Concen: 4.802 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031879.D

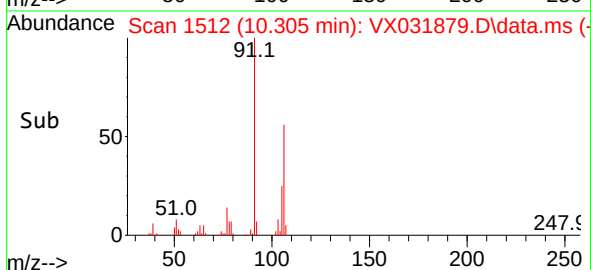
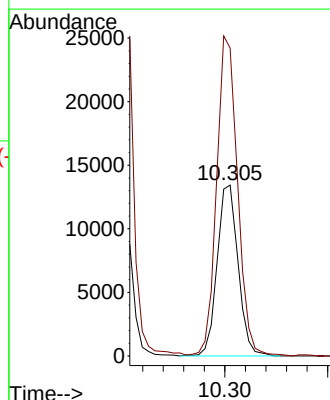
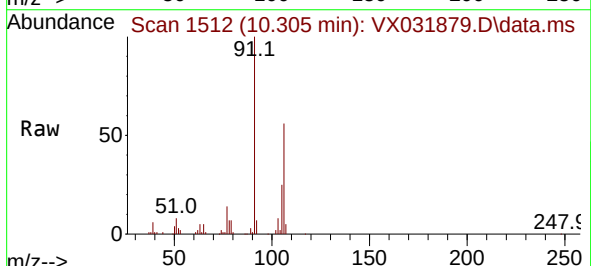
Acq: 04 Oct 2022 19:02

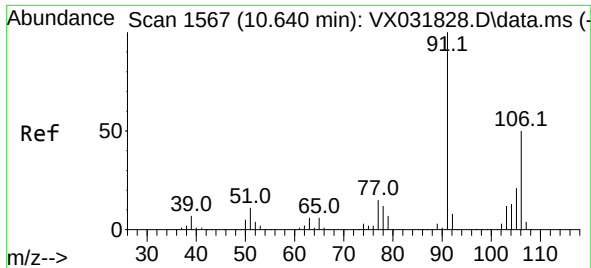
Tgt Ion: 106 Resp: 18979

Ion Ratio Lower Upper

106 100

91 187.2 161.0 241.4

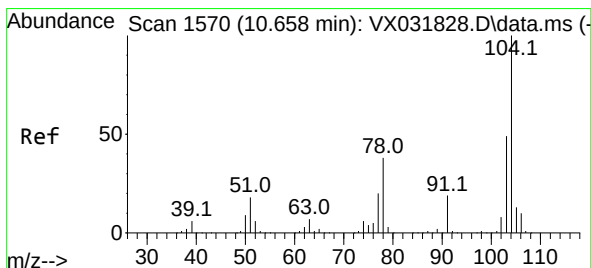
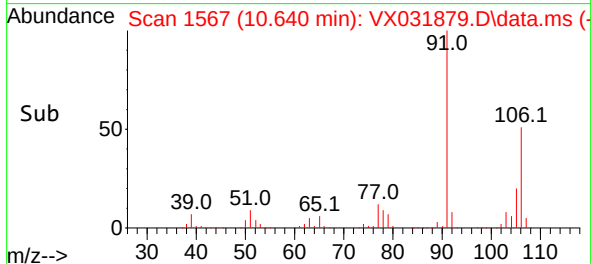
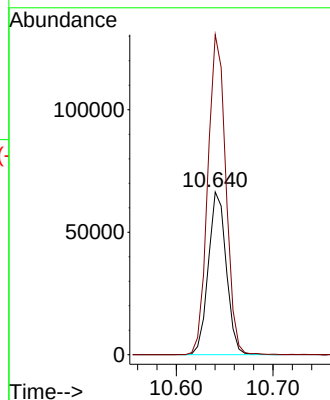
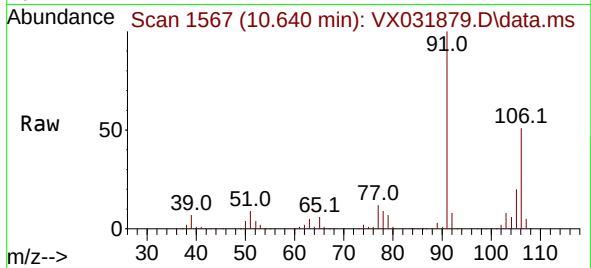




#69
o-Xylene
Concen: 22.445 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

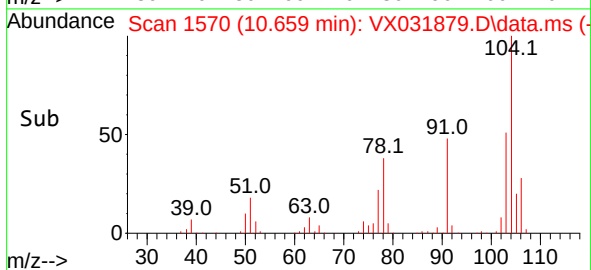
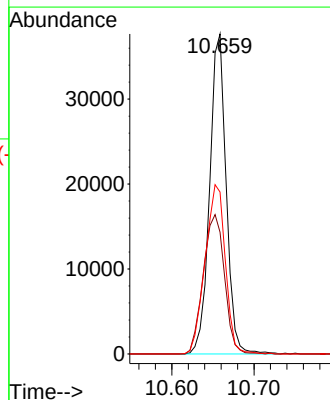
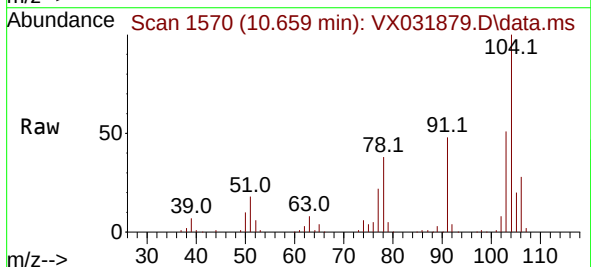
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

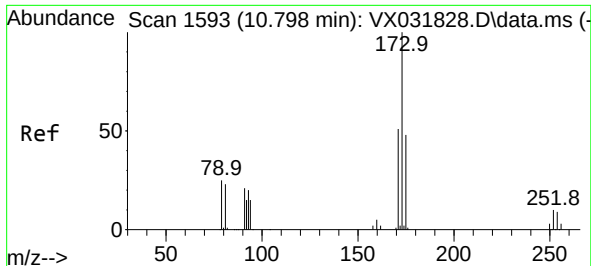
Tgt Ion:106 Resp: 85470
Ion Ratio Lower Upper
106 100
91 197.7 107.2 321.6



#70
Styrene
Concen: 8.499 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion:104 Resp: 52605
Ion Ratio Lower Upper
104 100
78 55.9 41.4 62.2
103 64.7 43.8 65.8

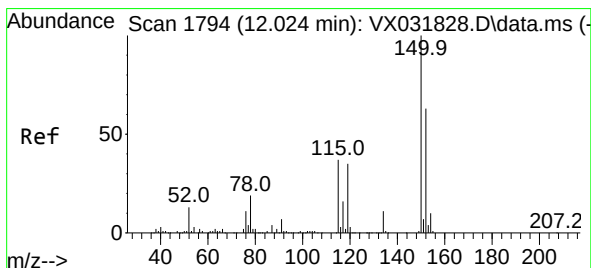
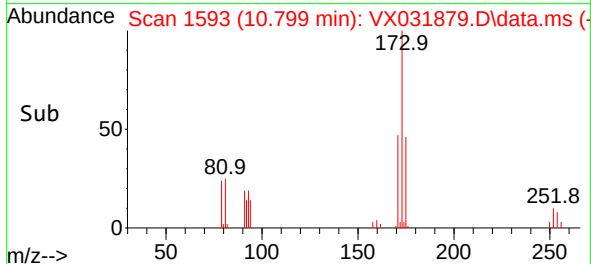
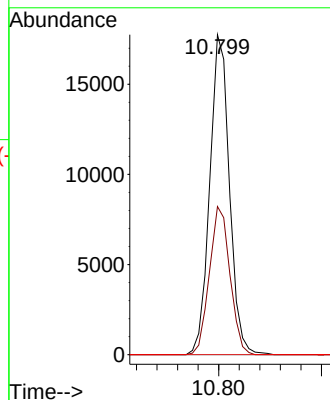
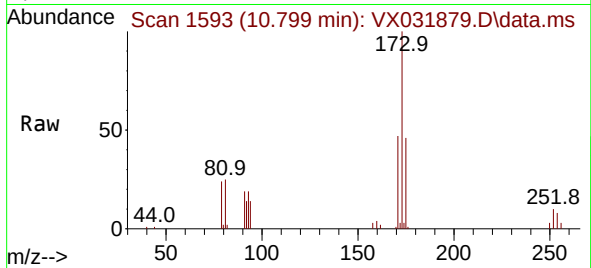




#71
Bromoform
Concen: 12.532 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

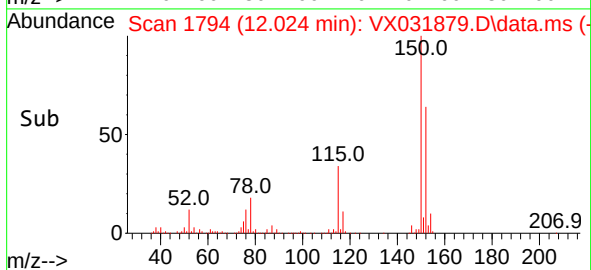
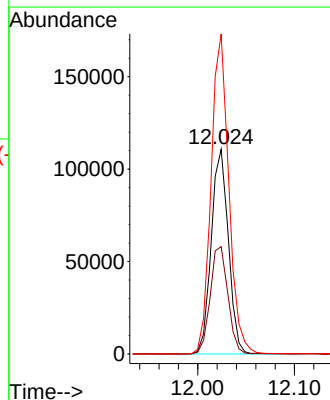
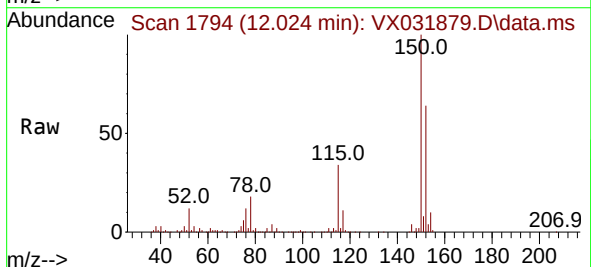
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

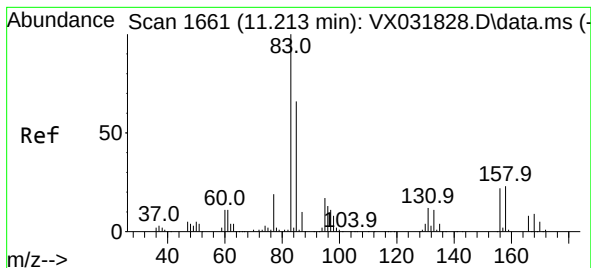
Tgt Ion:173 Resp: 23593
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion:152 Resp: 136404
Ion Ratio Lower Upper
152 100
115 54.2 43.4 130.1
150 161.9 0.0 346.8





#75

1,1,2,2-Tetrachloroethane

Concen: 24.363 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX031879.D

Acq: 04 Oct 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WPDL

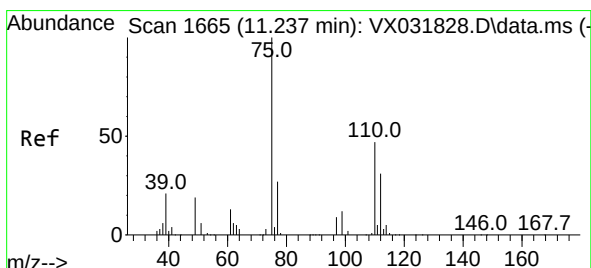
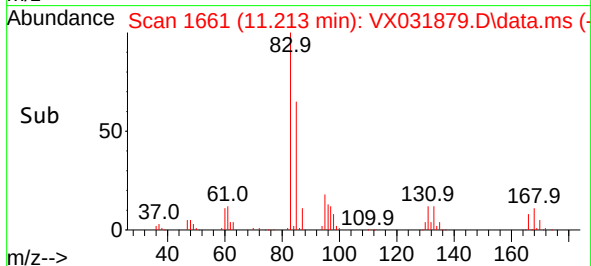
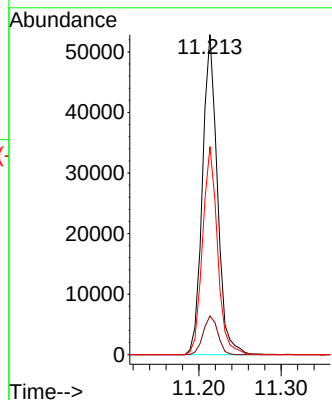
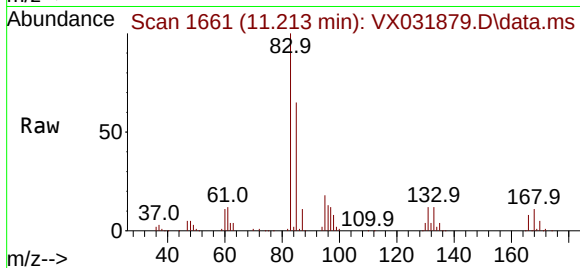
Tgt Ion: 83 Resp: 66815

Ion Ratio Lower Upper

83 100

131 11.9 5.1 15.4

85 65.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 25.270 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX031879.D

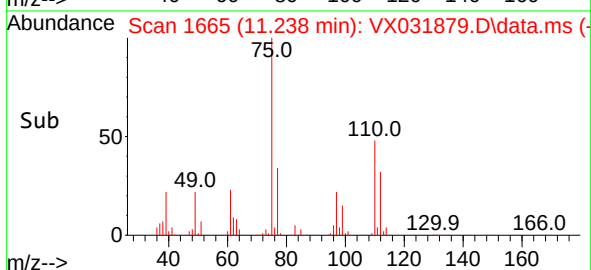
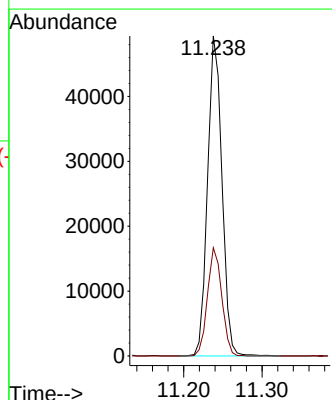
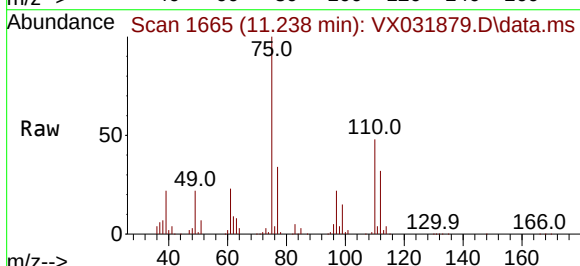
Acq: 04 Oct 2022 19:02

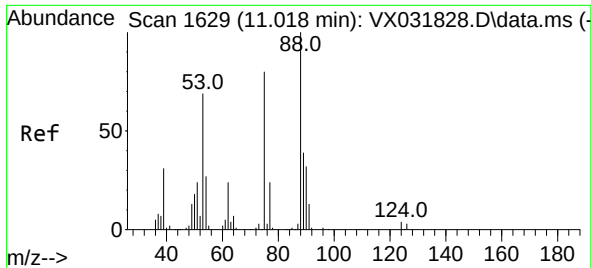
Tgt Ion: 75 Resp: 62714

Ion Ratio Lower Upper

75 100

77 33.6 20.3 60.9

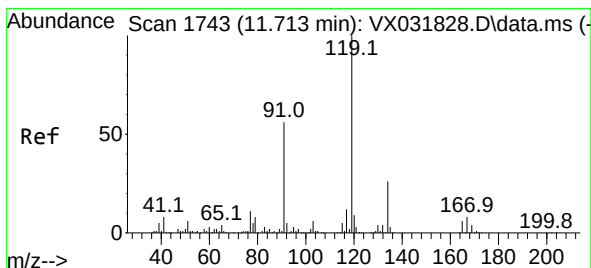
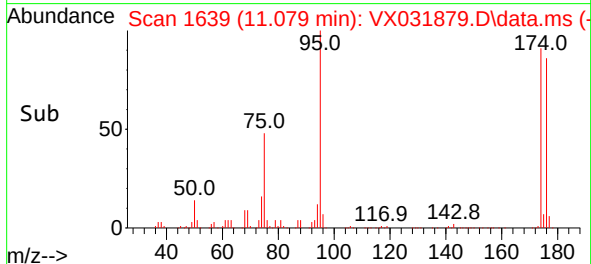
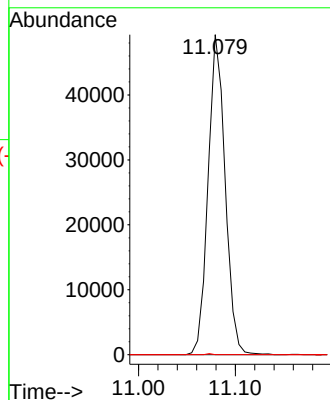
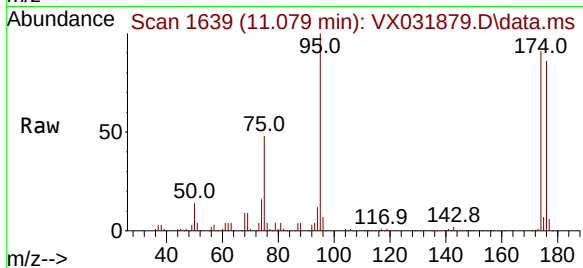




#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.431 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

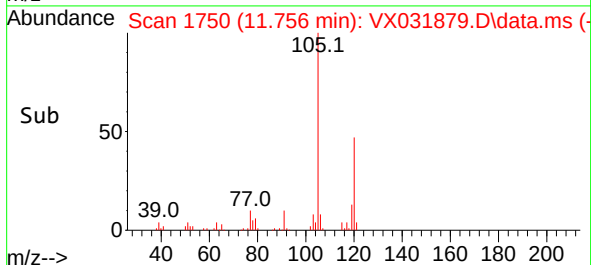
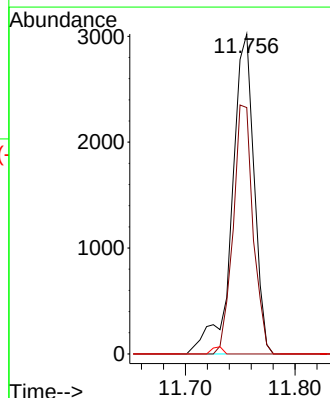
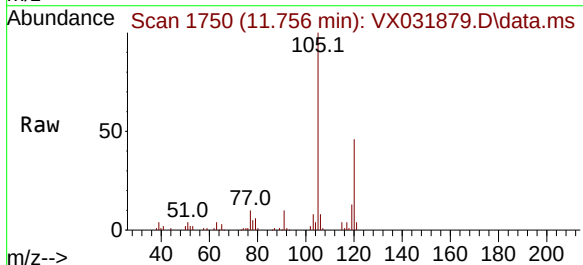
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

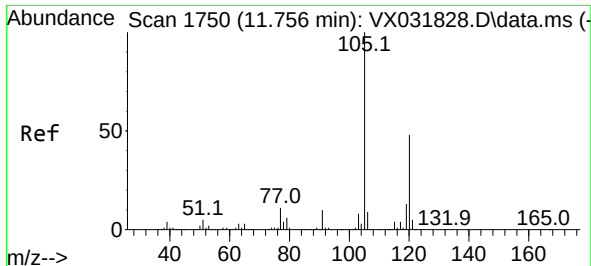
Tgt Ion: 75 Resp: 60315
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.1 37.4 56.0#



#83
 tert-Butylbenzene
 Concen: 0.518 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.043 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

Tgt Ion: 119 Resp: 4213
 Ion Ratio Lower Upper
 119 100
 91 70.4 29.2 87.6
 134 0.0 11.6 34.8#

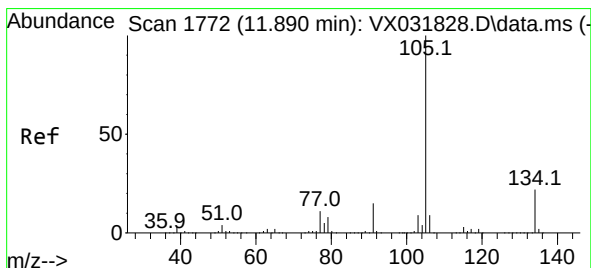
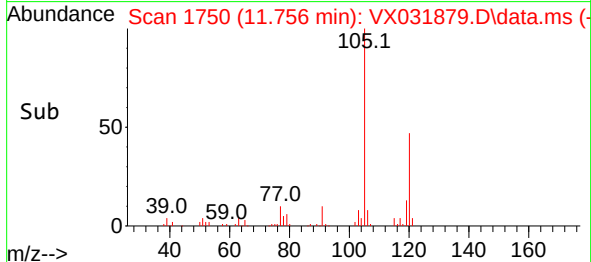
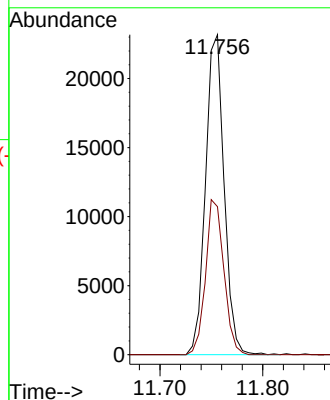
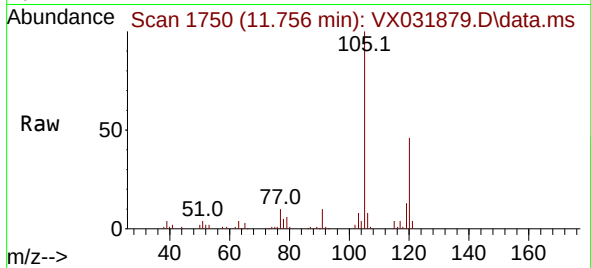




#84
1,2,4-Trimethylbenzene
Concen: 3.634 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

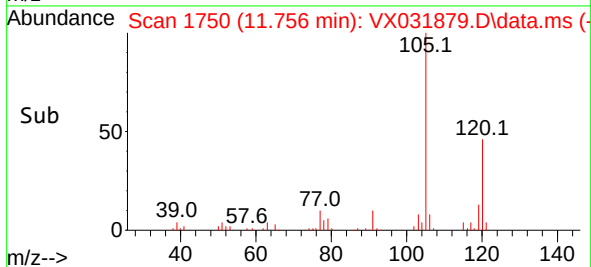
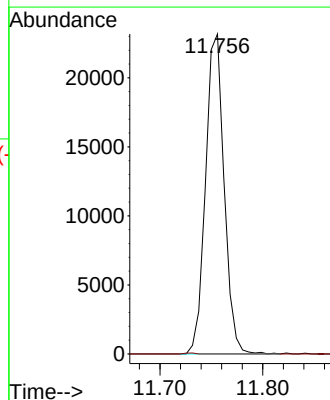
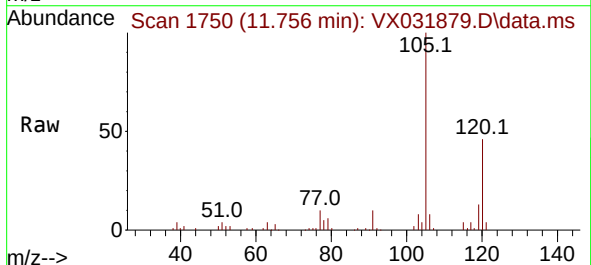
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

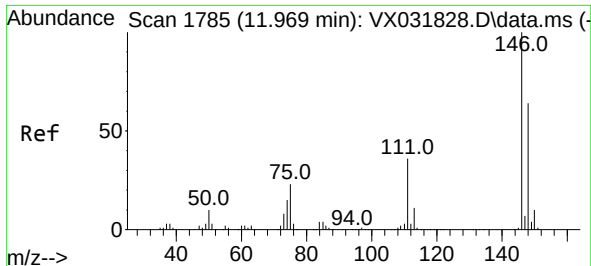
Tgt Ion:105 Resp: 29099
Ion Ratio Lower Upper
105 100
120 47.7 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.972 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion:105 Resp: 29099
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

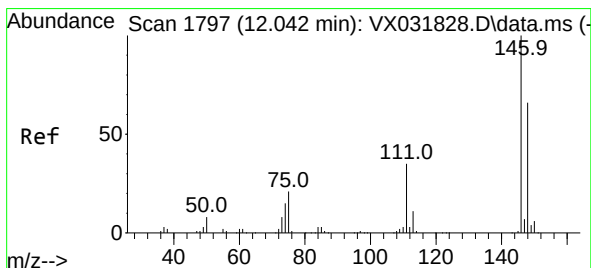
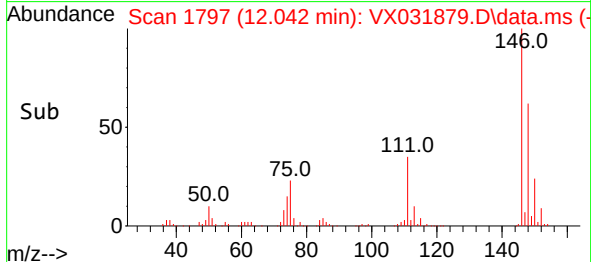
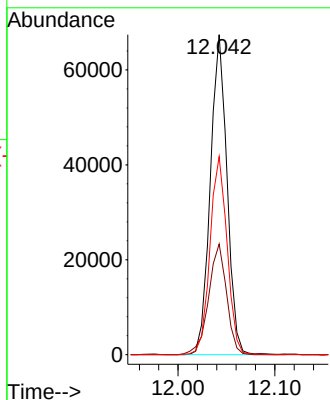
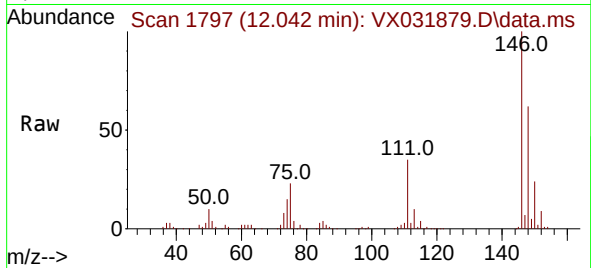




#87
 1,3-Dichlorobenzene
 Concen: 16.862 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.073 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

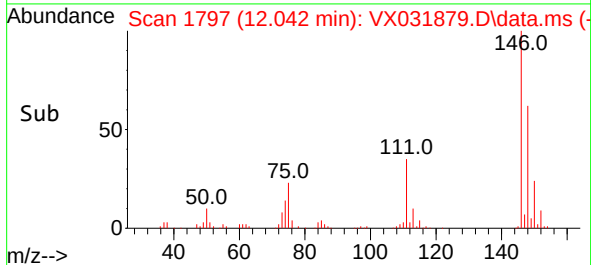
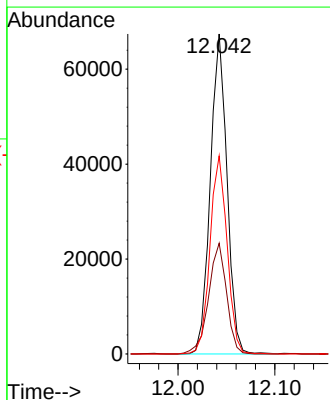
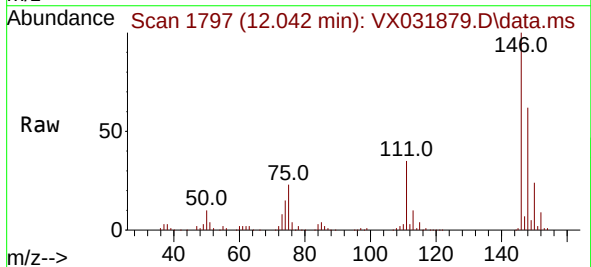
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WPDL

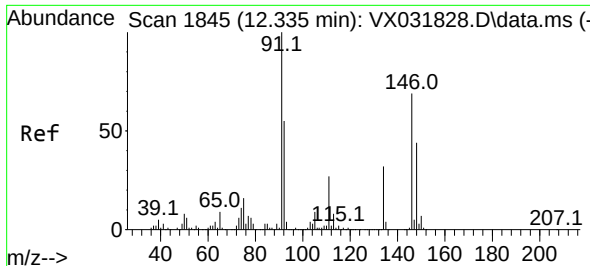
Tgt Ion:146 Resp: 80854
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.8 59.4
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 16.145 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX031879.D
 Acq: 04 Oct 2022 19:02

Tgt Ion:146 Resp: 80854
 Ion Ratio Lower Upper
 146 100
 111 37.3 20.5 61.5
 148 63.7 32.0 96.2

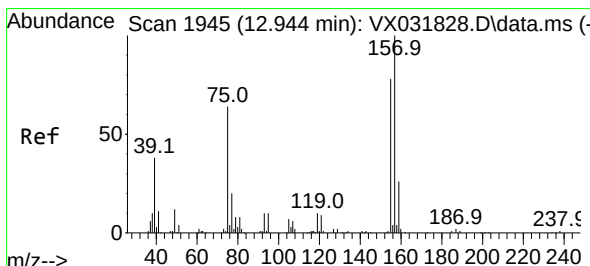
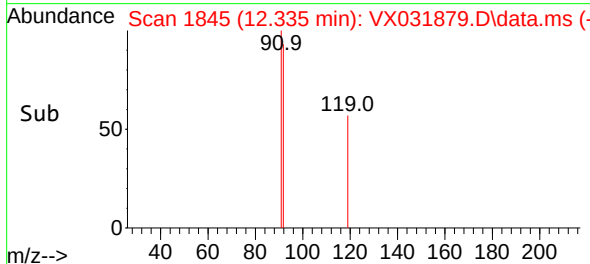
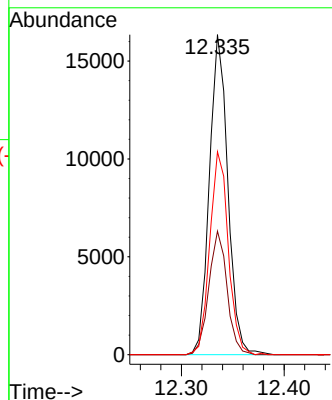
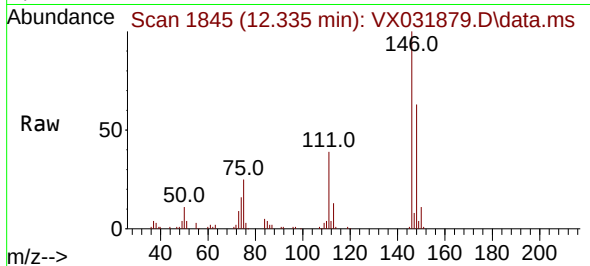




#91
1,2-Dichlorobenzene
Concen: 4.240 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

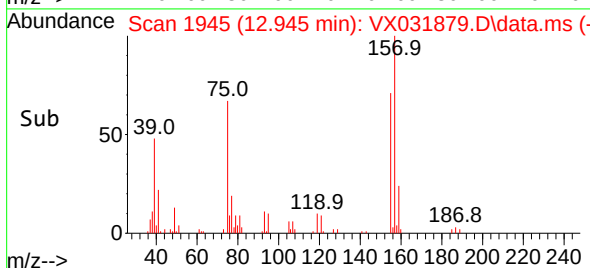
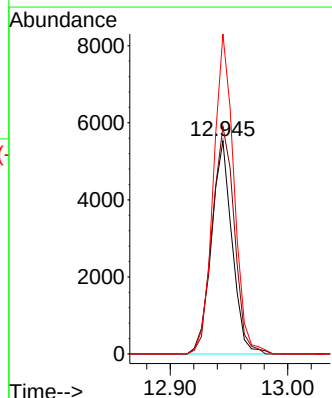
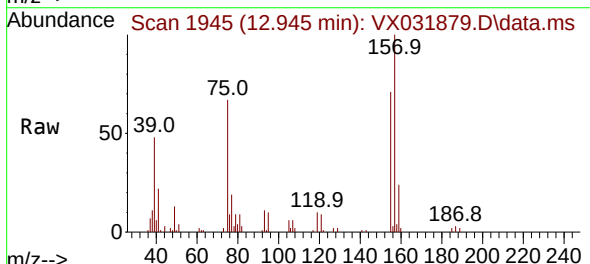
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

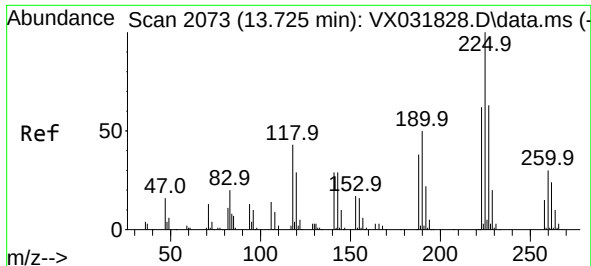
Tgt Ion:146 Resp: 20359
Ion Ratio Lower Upper
146 100
111 38.2 20.6 61.8
148 63.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.701 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion: 75 Resp: 6748
Ion Ratio Lower Upper
75 100
155 114.2 40.3 120.8
157 149.4 51.5 154.5

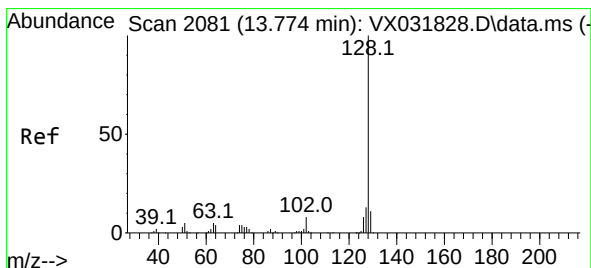
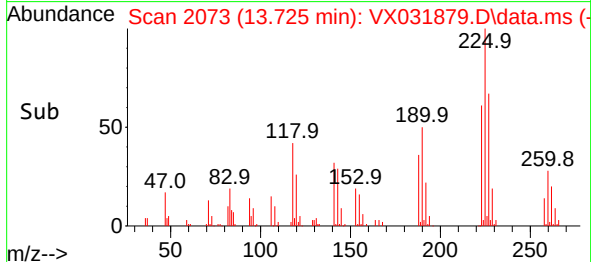
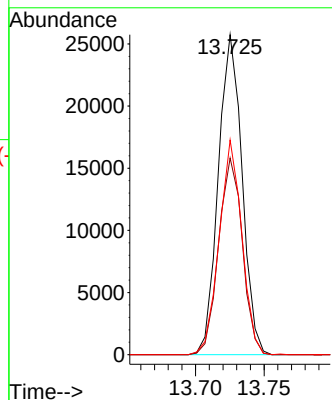
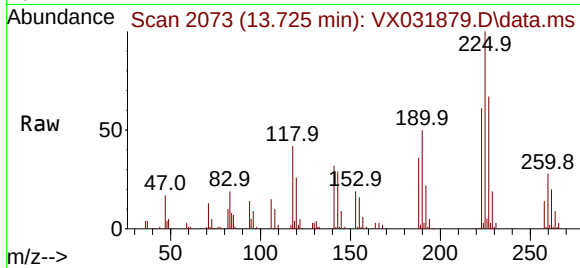




#94
Hexachlorobutadiene
Concen: 25.644 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WPDL

Tgt Ion:225 Resp: 31013
Ion Ratio Lower Upper
225 100
223 61.4 30.8 92.4
227 64.2 32.3 96.9



#95
Naphthalene
Concen: 0.308 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031879.D
Acq: 04 Oct 2022 19:02

Tgt Ion:128 Resp: 2818
Ion Ratio Lower Upper
128 100
127 10.6 10.4 15.6
129 11.6 8.8 13.2

