

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028712.D
 Acq On : 14 May 2022 05:17
 Operator : JC/MD
 Sample : PB144804TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144804TB

Quant Time: May 16 02:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

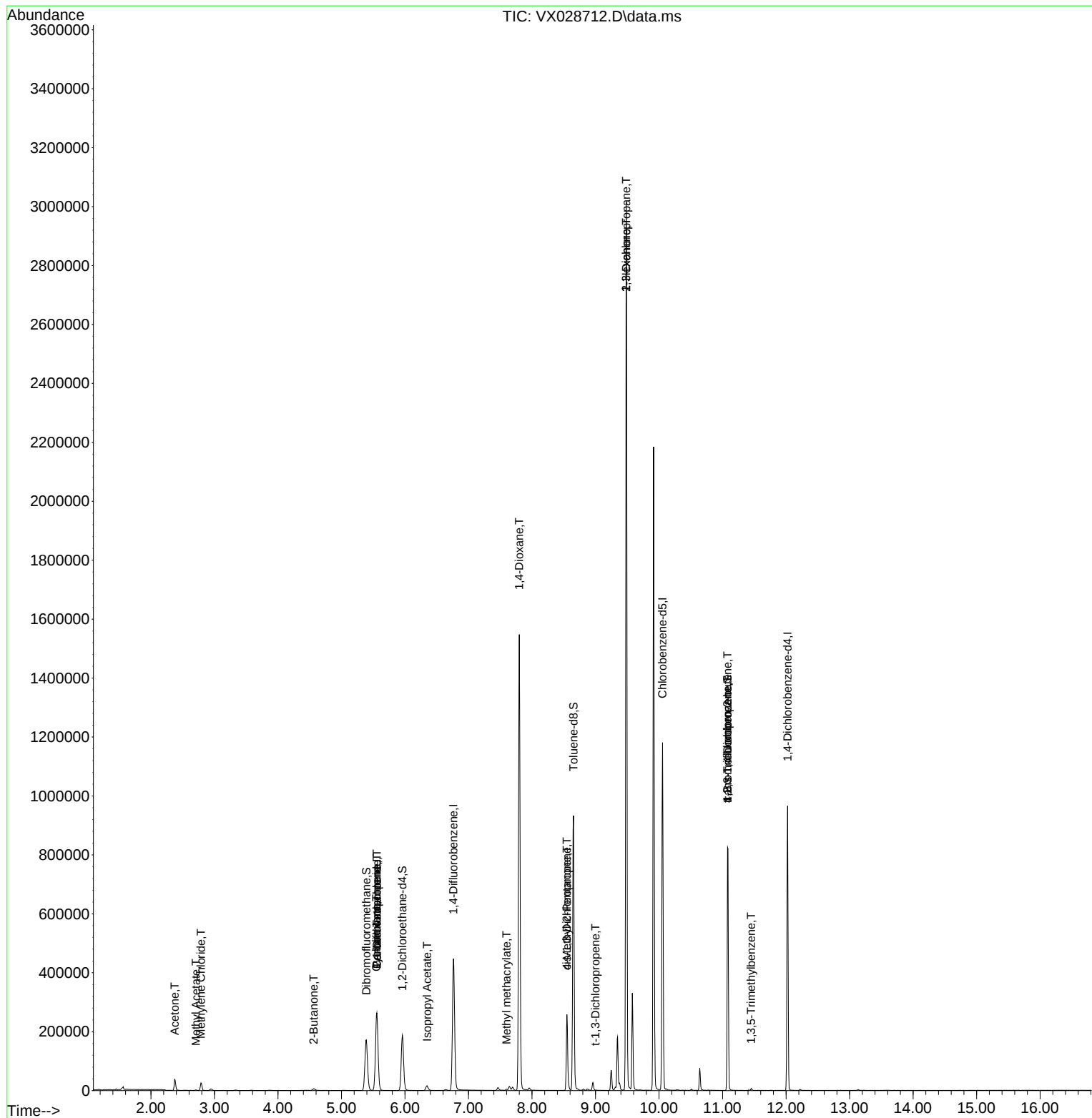
Internal Standards						
1) Pentafluorobenzene	5.556	168	241313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	500556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178116	53.847	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.700%	
35) Dibromofluoromethane	5.391	113	147704	50.022	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.040%	
50) Toluene-d8	8.653	98	552744	49.652	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	11.079	95	220208	52.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	579	Below Cal	#	76
6) Chloroethane	1.624	64	457	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	3308	Below Cal	#	72
16) Acetone	2.373	43	40425	28.475	ug/l	95
18) Methyl Acetate	2.709	43	2165	0.609	ug/l	# 80
20) Methylene Chloride	2.788	84	10984	3.688	ug/l	# 82
25) 2-Butanone	4.562	43	8791	3.945	ug/l	91
31) Cyclohexane	5.550	56	5856	1.275	ug/l	# 31
36) 1,1-Dichloropropene	5.556	75	20511	4.625	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	26269	5.886	ug/l	# 15
43) Isopropyl Acetate	6.348	43	22905	3.161	ug/l	# 91
48) Methyl methacrylate	7.598	41	5982	1.709	ug/l	# 7
49) 1,4-Dioxane	7.799	88	233	2.664	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	87573	18.346	ug/l	# 44
53) t-1,3-Dichloropropene	9.000	75	21	1.645	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	40303	8.124	ug/l	# 73
57) 1,3-Dichloropropane	9.482	76	26836	4.759	ug/l	# 44
59) 2-Hexanone	9.482	43	343944	92.741	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	117932	26.480	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	2899	0.241	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	117932	76.751	ug/l	# 15

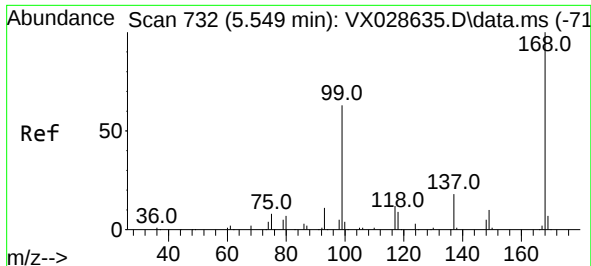
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 02:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

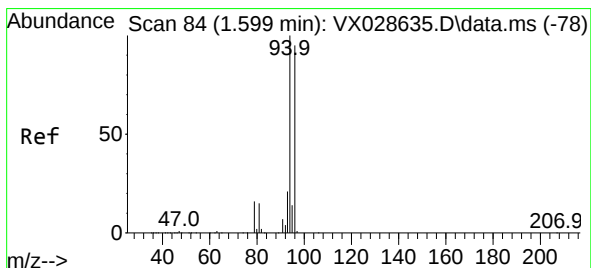
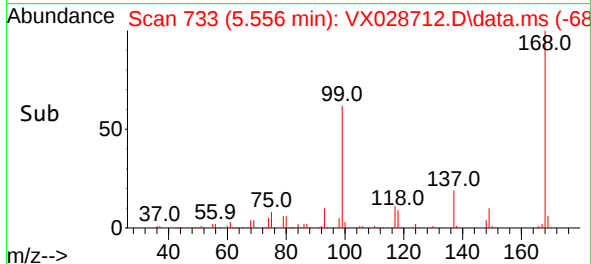
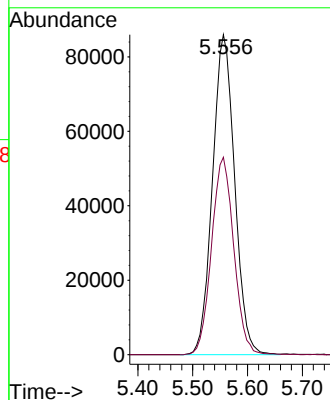
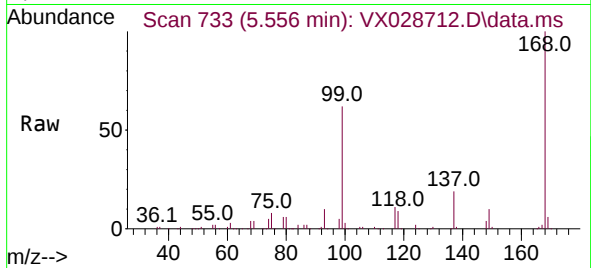




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

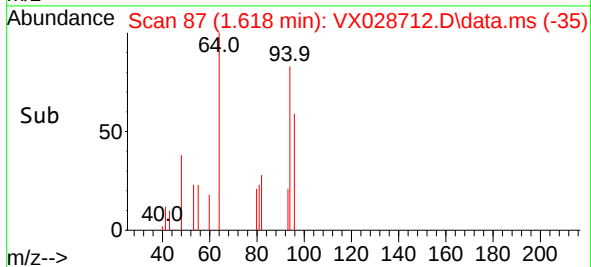
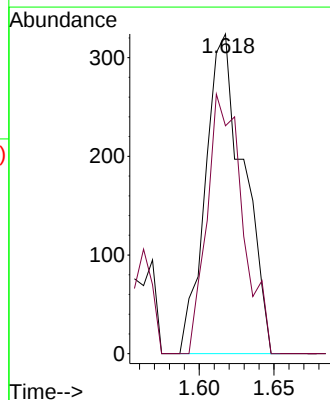
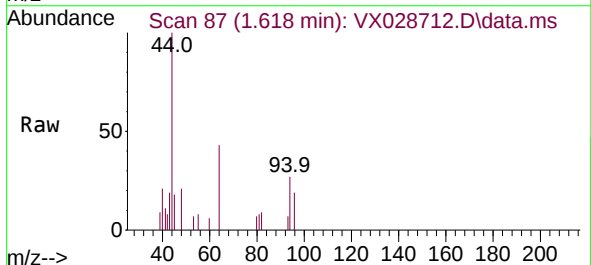
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

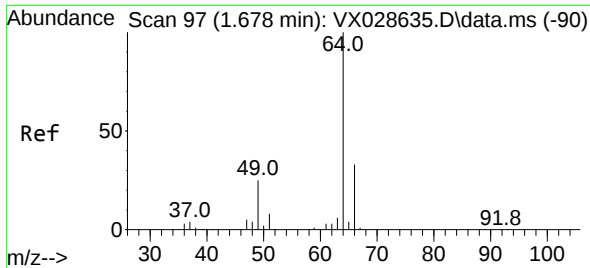
Tgt Ion:168 Resp: 241313
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 94 Resp: 579
Ion Ratio Lower Upper
94 100
96 71.3 75.3 112.9#

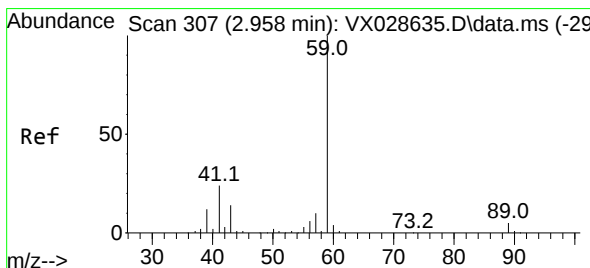
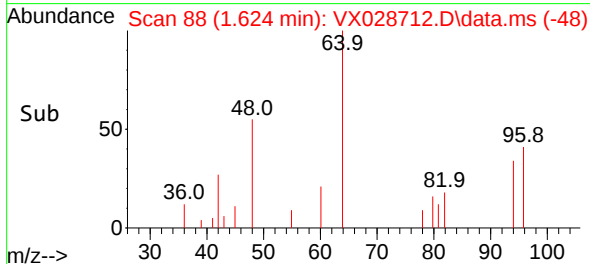
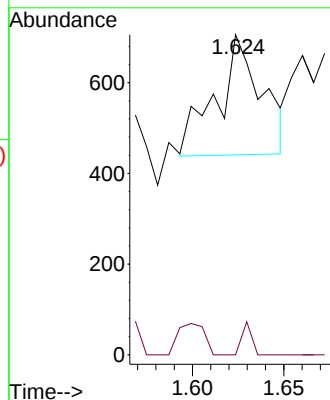
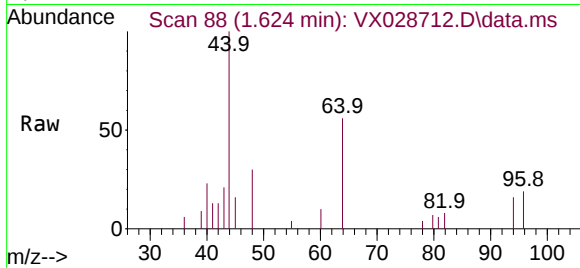




#6
Chloroethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. -0.054 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

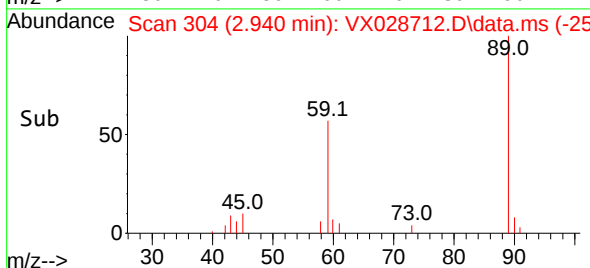
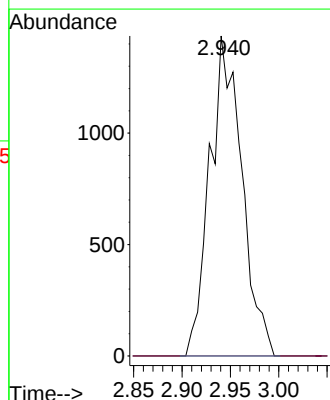
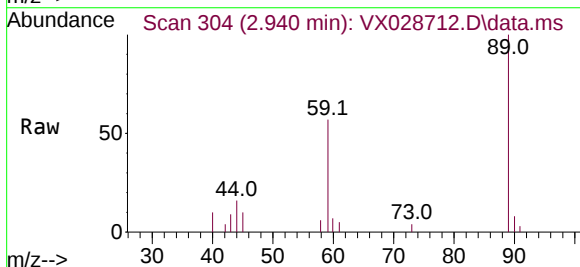
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

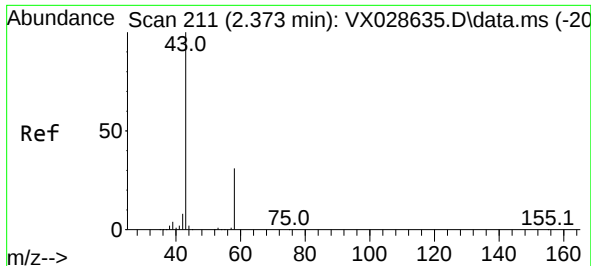
Tgt Ion: 64 Resp: 457
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 59 Resp: 3308
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

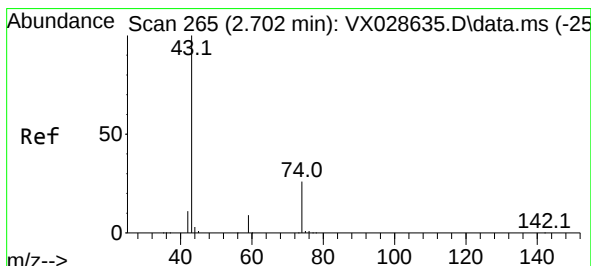
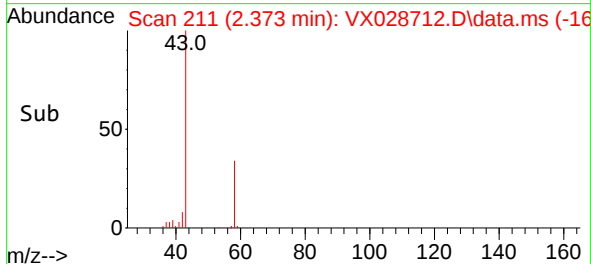
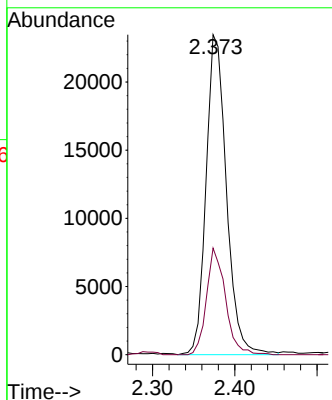
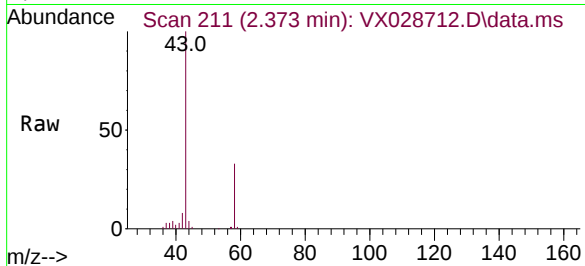




#16
Acetone
Concen: 28.475 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

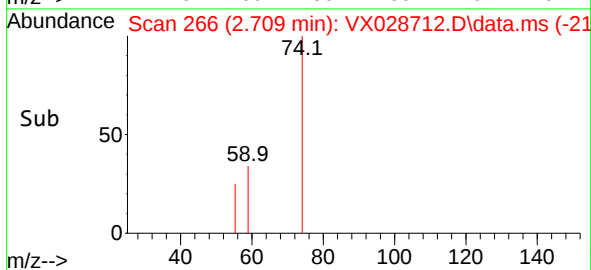
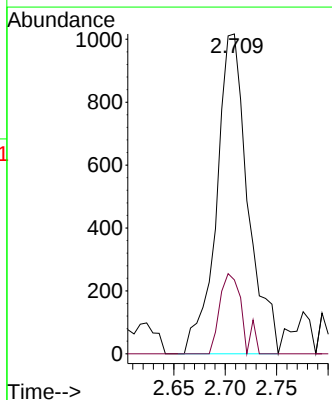
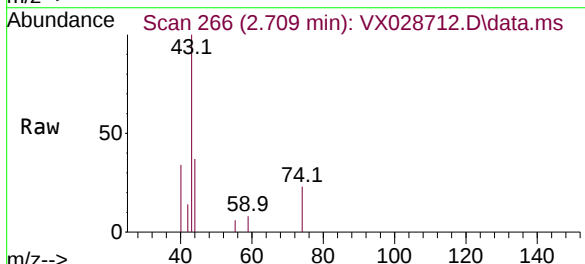
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

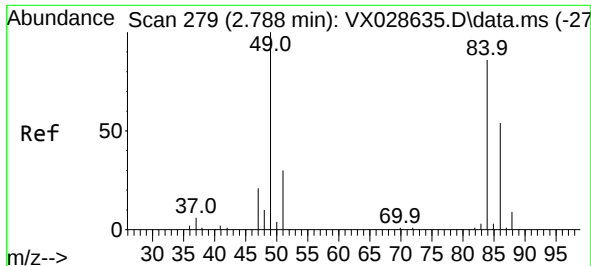
Tgt Ion: 43 Resp: 40425
Ion Ratio Lower Upper
43 100
58 33.3 28.8 43.2



#18
Methyl Acetate
Concen: 0.609 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 43 Resp: 2165
Ion Ratio Lower Upper
43 100
74 17.6 22.8 34.2#





#20

Methylene Chloride

Concen: 3.688 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028712.D

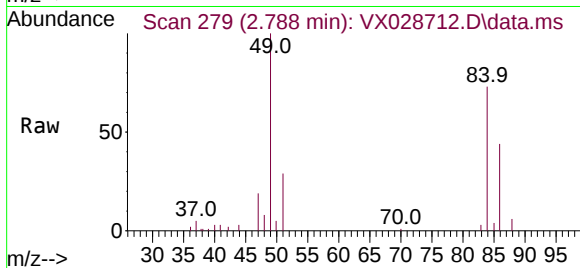
Acq: 14 May 2022 05:17

Instrument :

MSVOA_X

ClientSampleId :

PB144804TB



Tgt Ion: 84 Resp: 10984

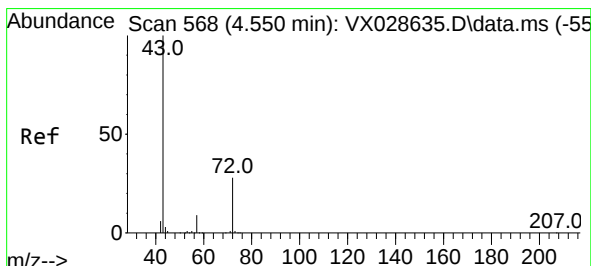
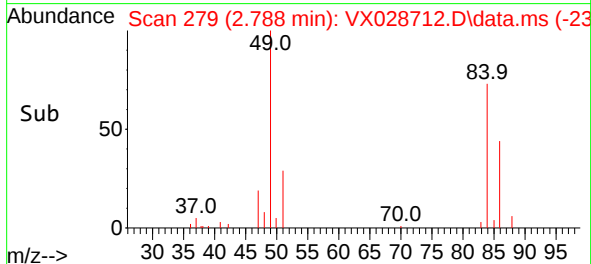
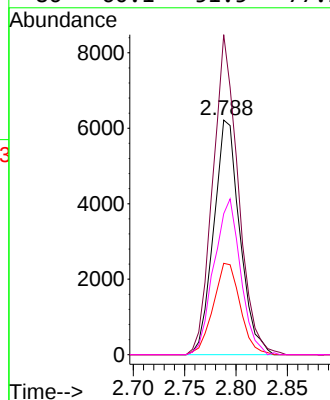
Ion Ratio Lower Upper

84 100

49 136.4 85.5 128.3#

51 38.9 26.6 39.8

86 60.1 51.5 77.3



#25

2-Butanone

Concen: 3.945 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.012 min

Lab File: VX028712.D

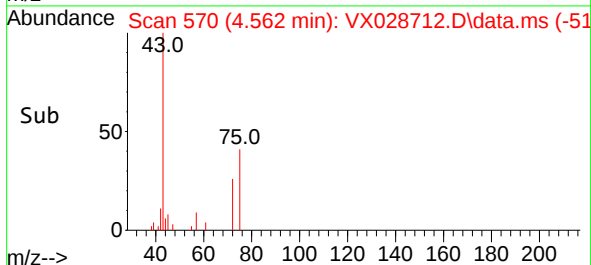
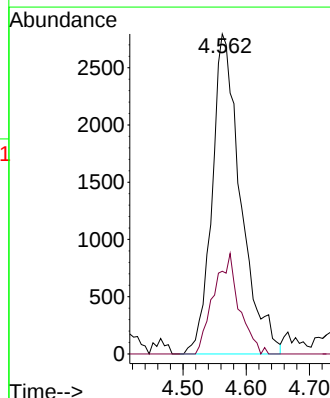
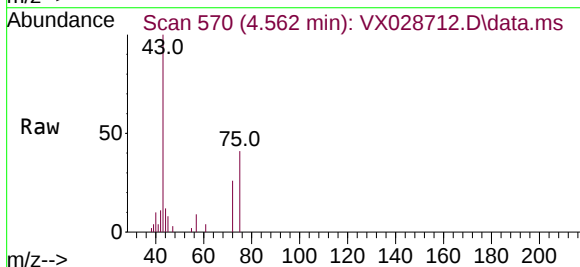
Acq: 14 May 2022 05:17

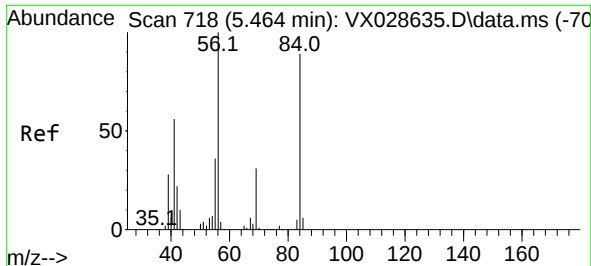
Tgt Ion: 43 Resp: 8791

Ion Ratio Lower Upper

43 100

72 25.8 24.4 36.6

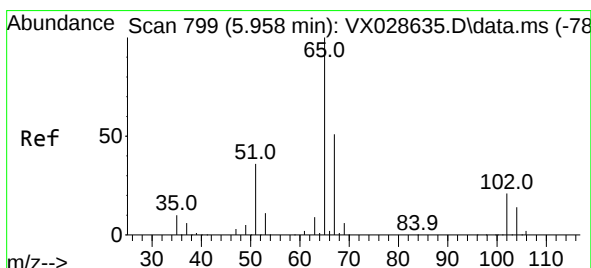
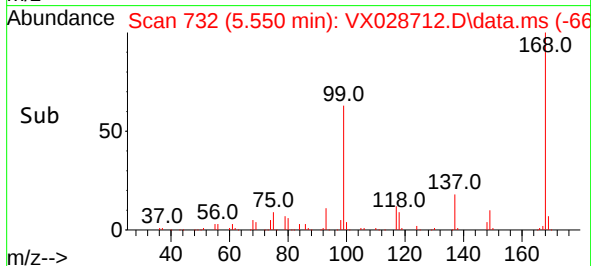
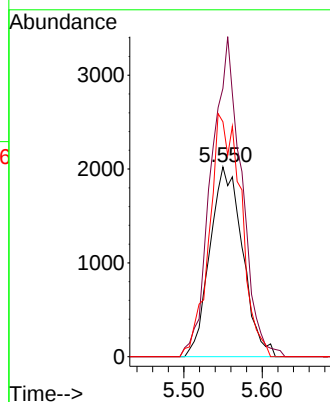
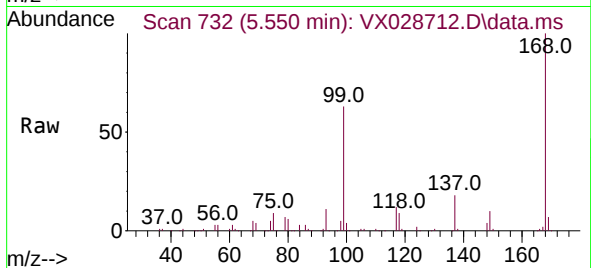




#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

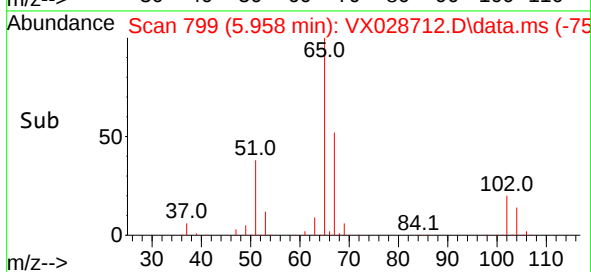
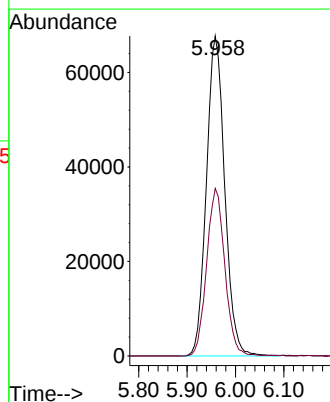
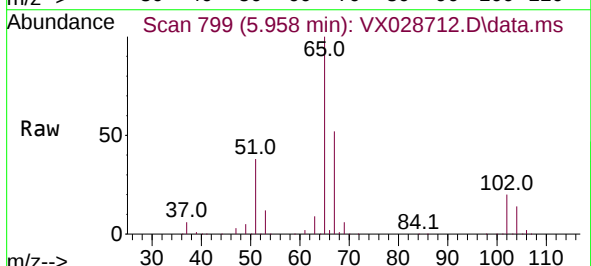
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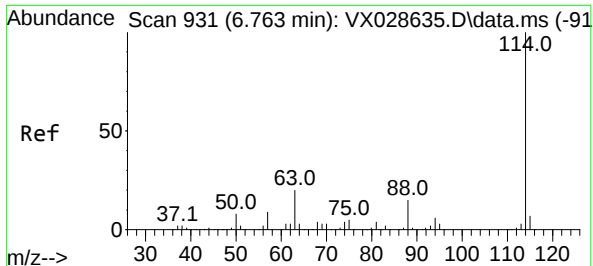
Tgt Ion: 56 Resp: 5856
Ion Ratio Lower Upper
56 100
69 141.4 26.7 40.1#
84 123.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.847 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 65 Resp: 178116
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

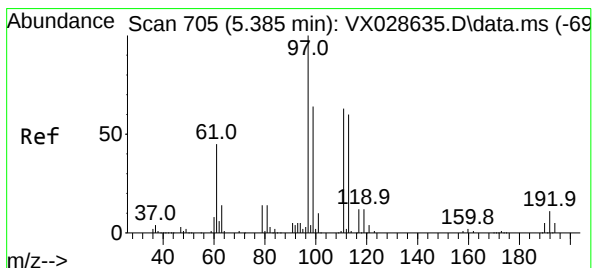
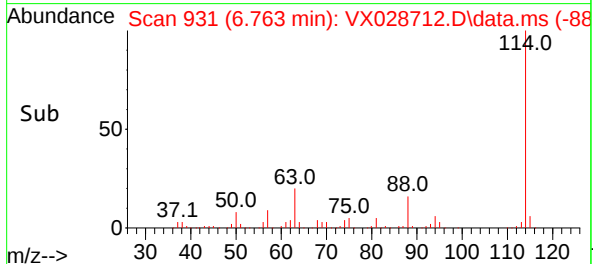
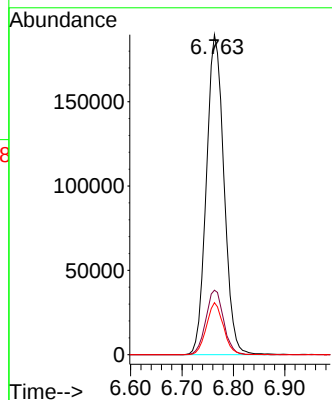
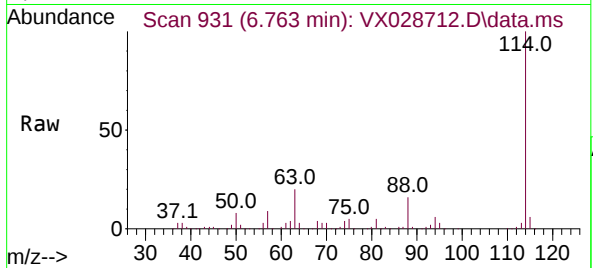




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

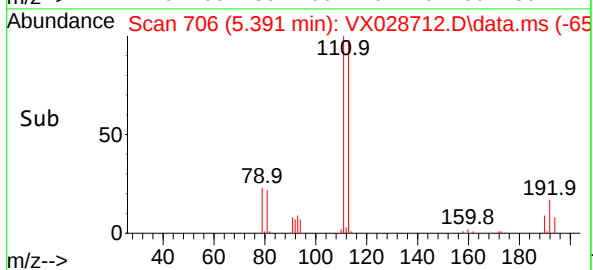
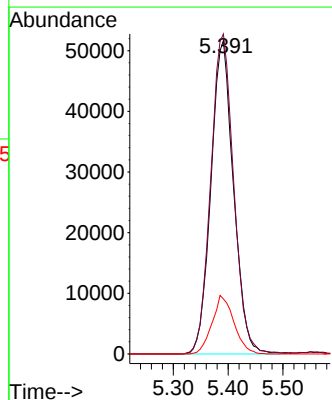
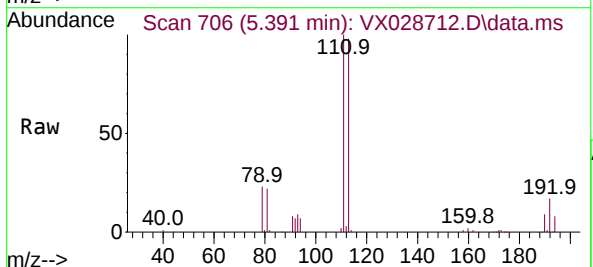
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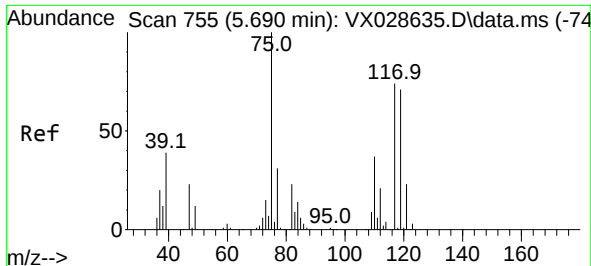
Tgt Ion:114 Resp: 450675
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion:113 Resp: 147704
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 18.1 16.9 25.3

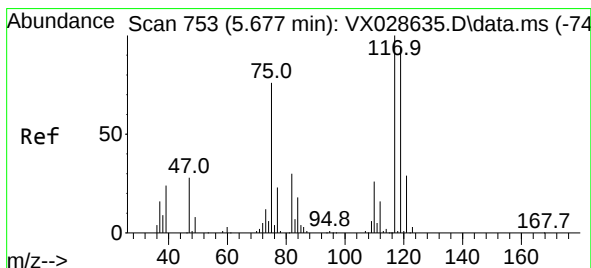
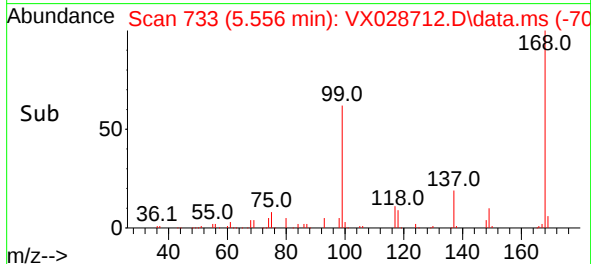
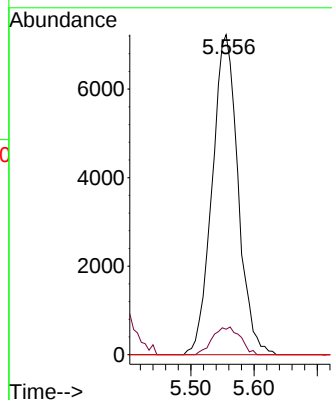
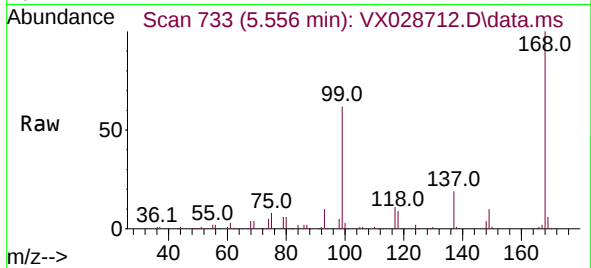




#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

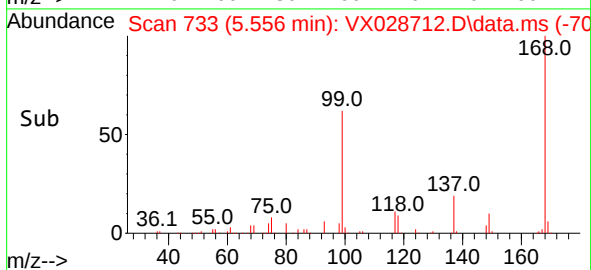
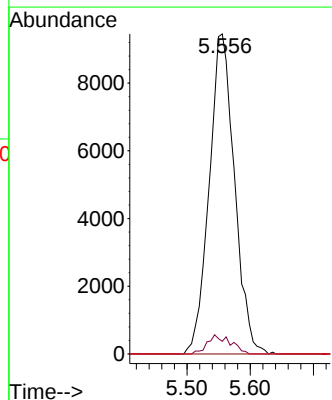
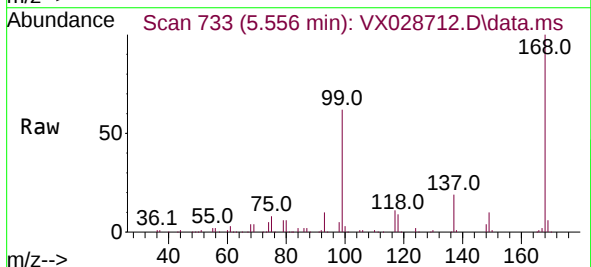
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

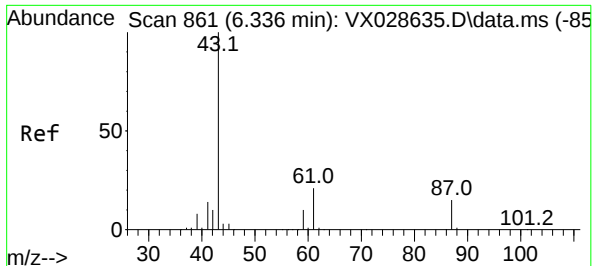
Tgt Ion: 75 Resp: 20511
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 117 Resp: 26269
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#

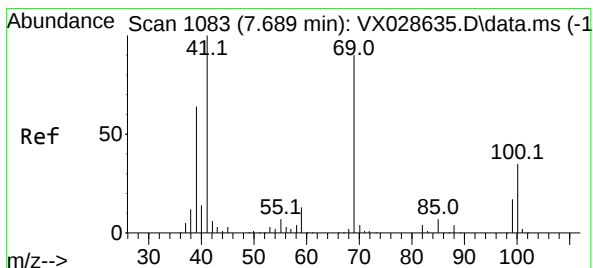
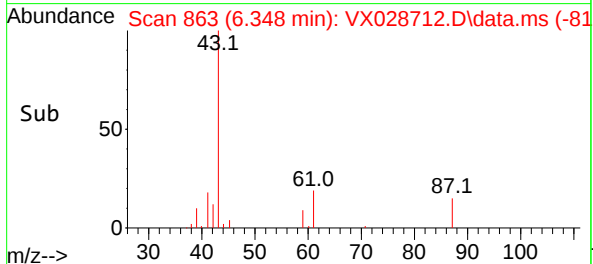
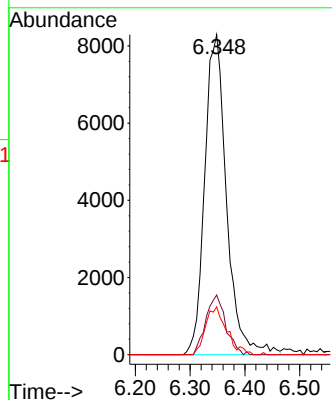
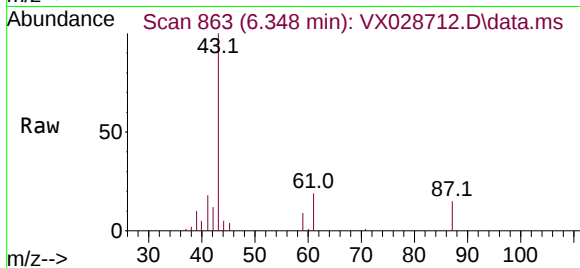




#43
Isopropyl Acetate
Concen: 3.161 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

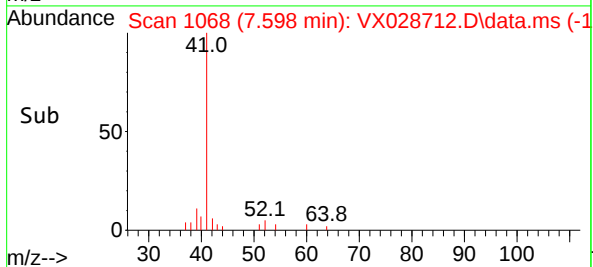
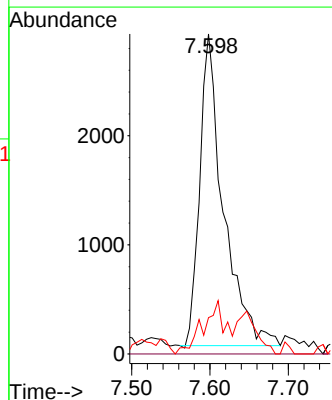
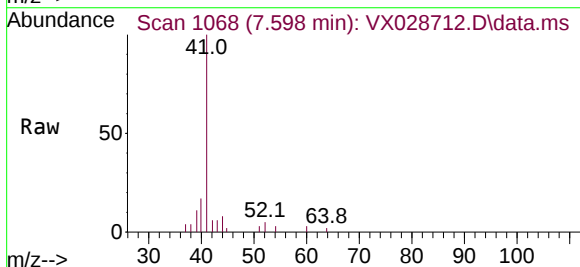
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

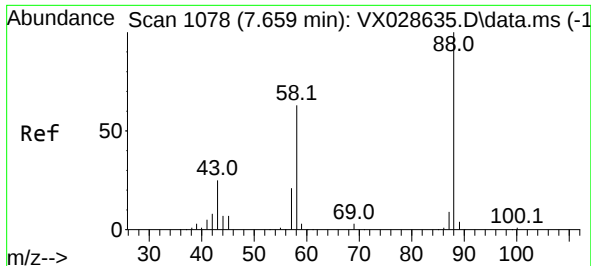
Tgt Ion: 43 Resp: 22905
Ion Ratio Lower Upper
43 100
61 17.0 18.5 27.7#
87 14.4 13.0 19.6



#48
Methyl methacrylate
Concen: 1.709 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.091 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 41 Resp: 5982
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 2.664 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.140 min

Lab File: VX028712.D

Acq: 14 May 2022 05:17

Instrument :

MSVOA_X

ClientSampleId :

PB144804TB

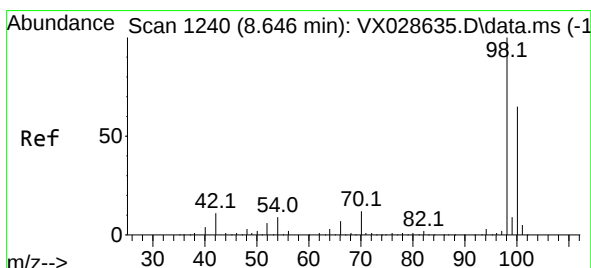
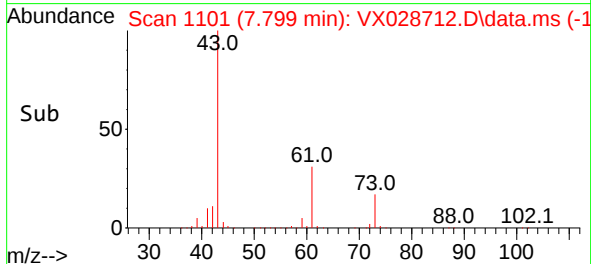
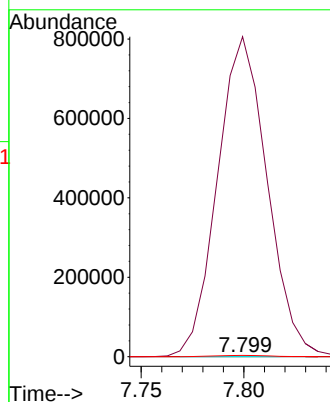
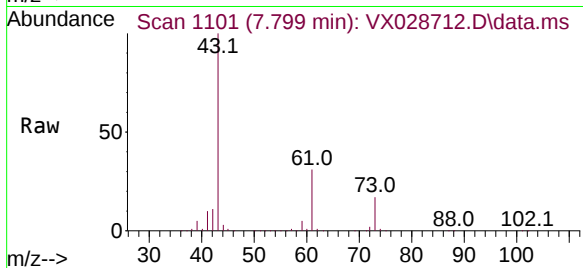
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

43 586894.0 21.9 32.9#

58 2648.1 53.7 80.5#



#50

Toluene-d8

Concen: 49.652 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028712.D

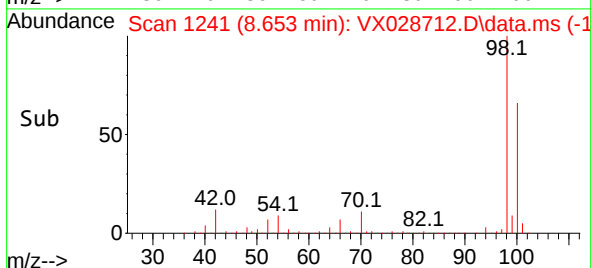
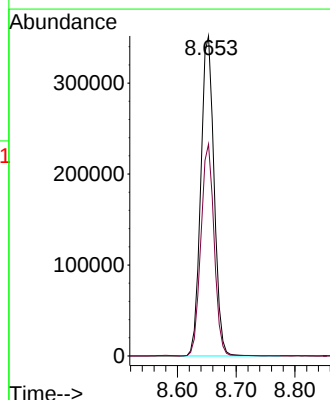
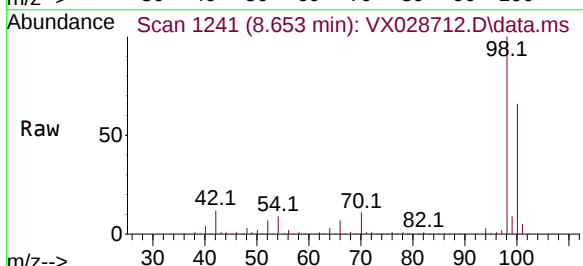
Acq: 14 May 2022 05:17

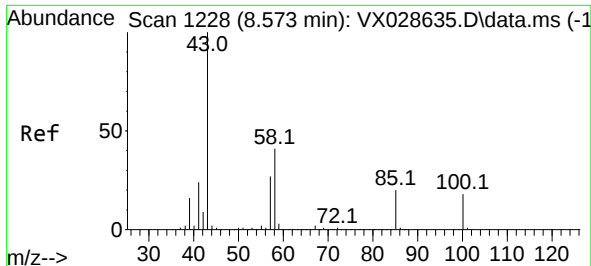
Tgt Ion: 98 Resp: 552744

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

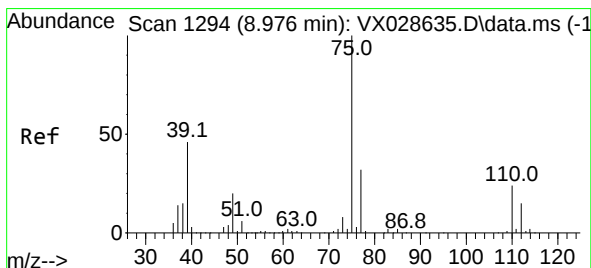
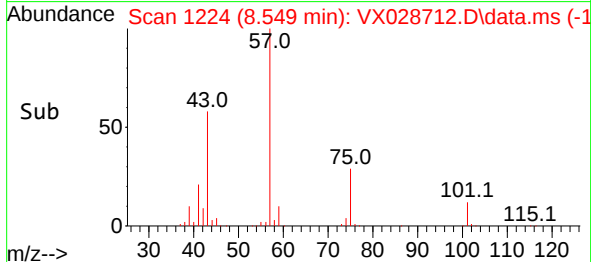
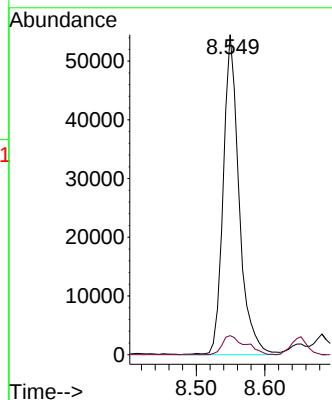
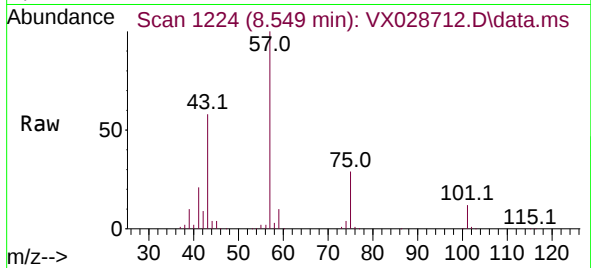




#51
4-Methyl-2-Pentanone
Concen: 18.346 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

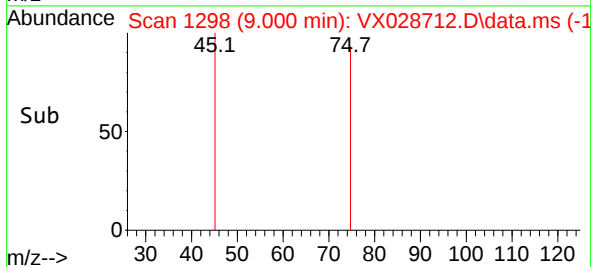
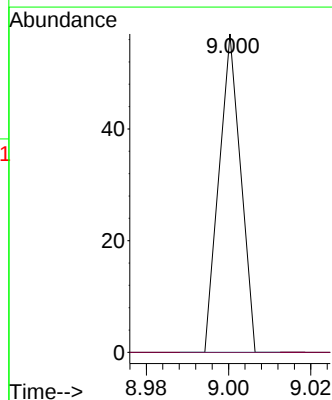
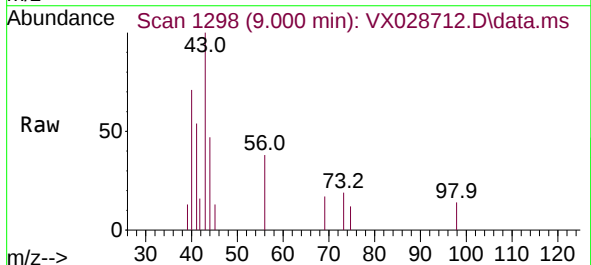
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

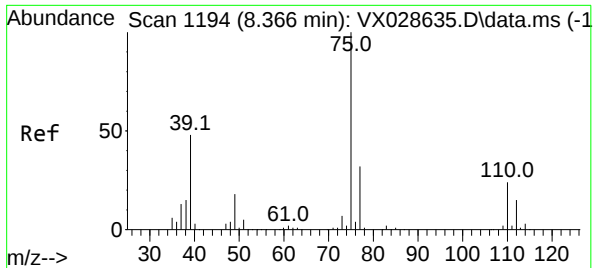
Tgt Ion: 43 Resp: 87573
Ion Ratio Lower Upper
43 100
58 8.7 36.1 54.1#



#53
t-1,3-Dichloropropene
Concen: 1.645 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.024 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

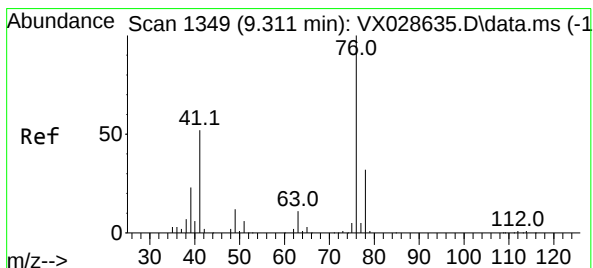
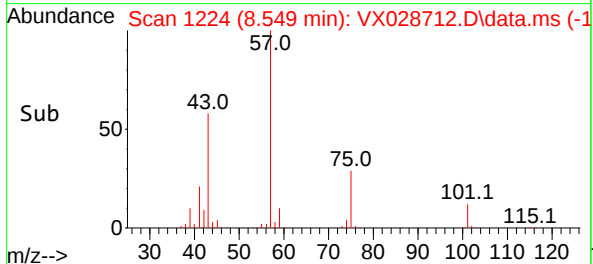
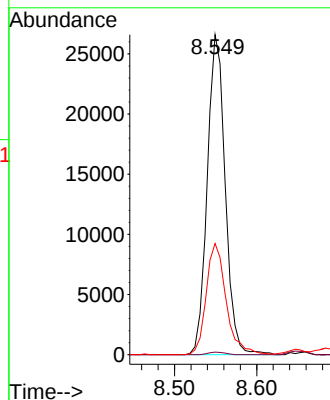
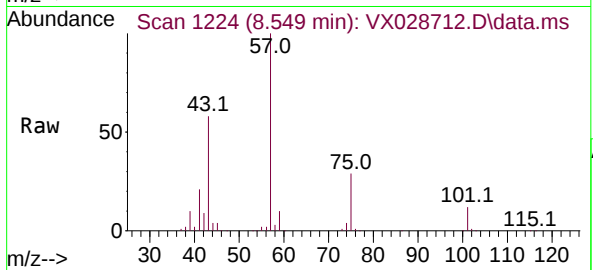




#54
 cis-1,3-Dichloropropene
 Concen: 8.124 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028712.D
 Acq: 14 May 2022 05:17

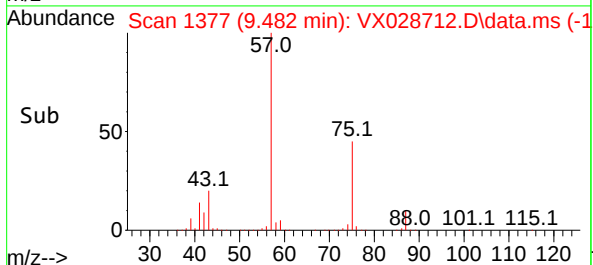
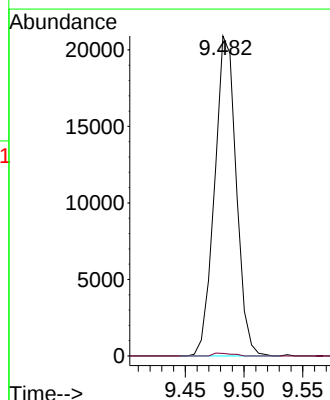
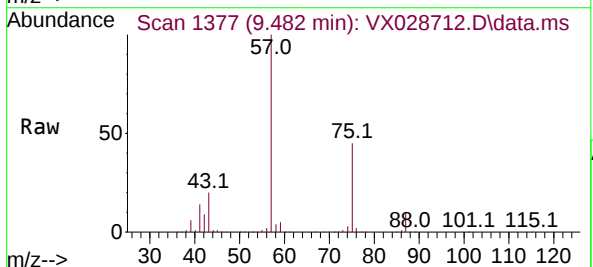
Instrument :
 MSVOA_X
 ClientSampleId :
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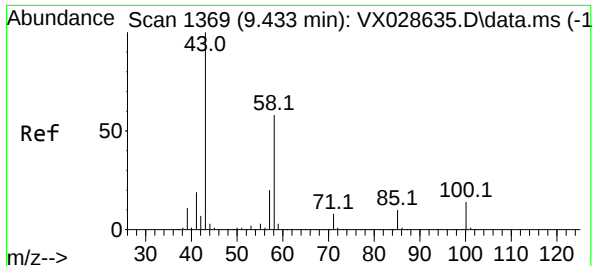
Tgt Ion: 75 Resp: 40303
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.8 37.2#
 39 34.8 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.759 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028712.D
 Acq: 14 May 2022 05:17

Tgt Ion: 76 Resp: 26836
 Ion Ratio Lower Upper
 76 100
 78 0.8 25.8 38.8#

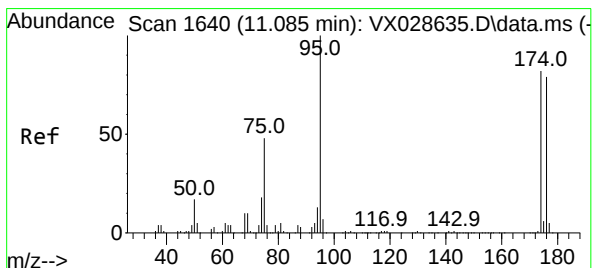
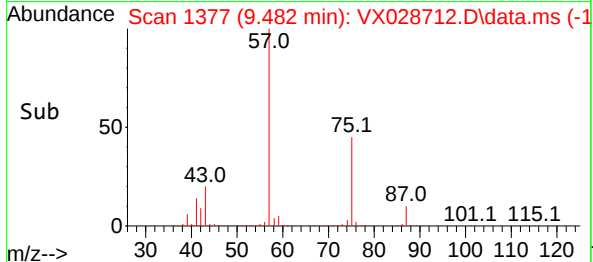
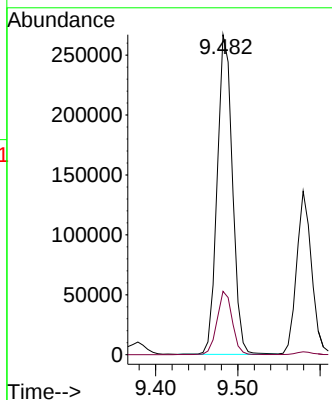
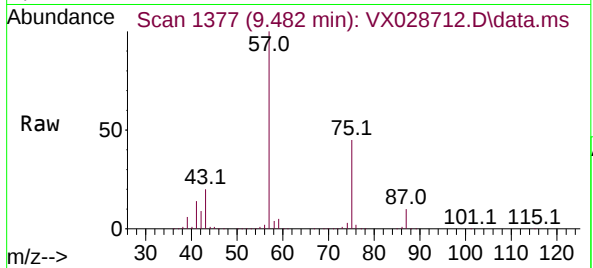




#59
2-Hexanone
Concen: 92.741 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

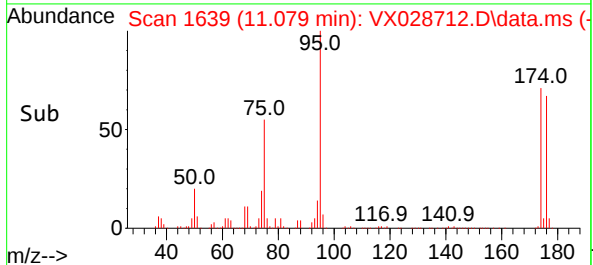
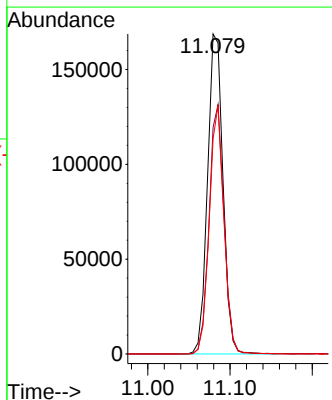
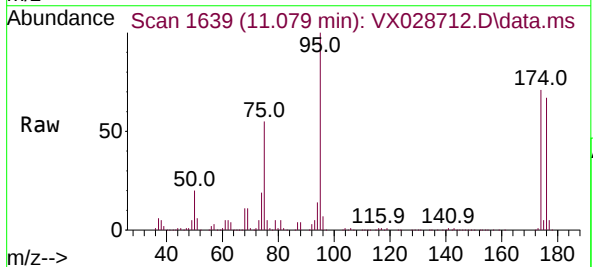
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

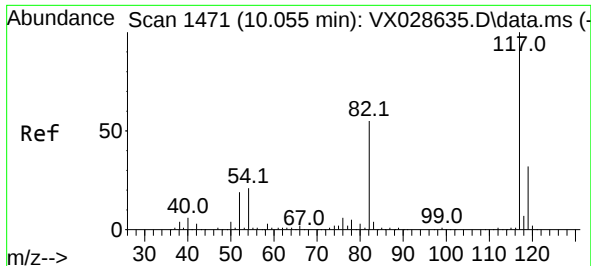
Tgt Ion: 43 Resp: 343944
Ion Ratio Lower Upper
43 100
58 19.8 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 52.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion: 95 Resp: 220208
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 73.2 0.0 155.0

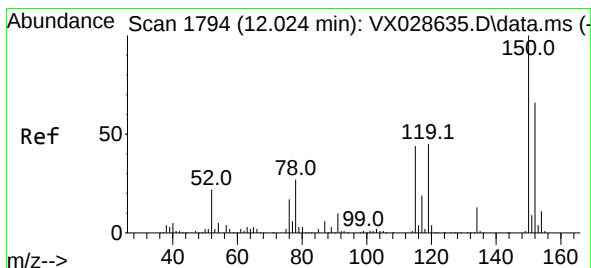
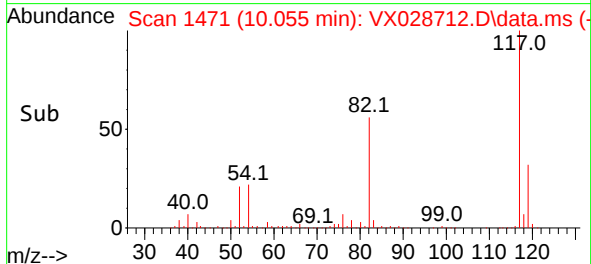
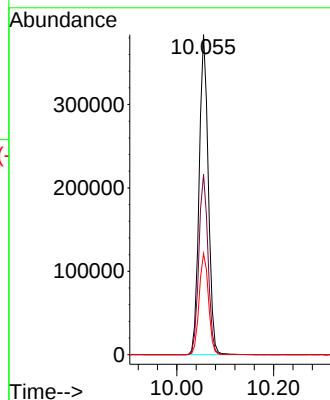
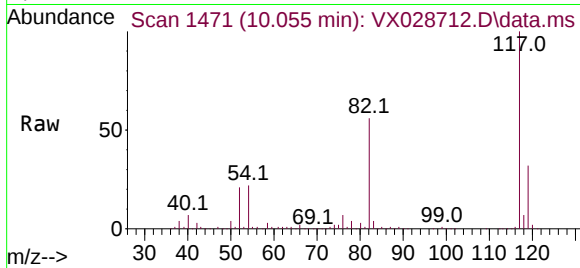




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

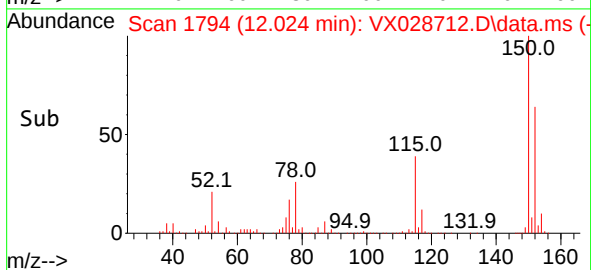
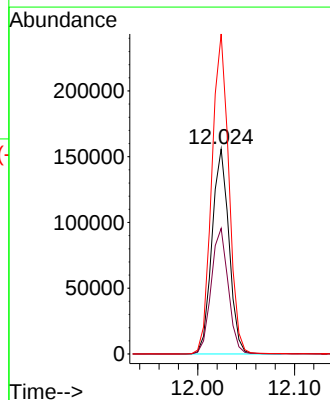
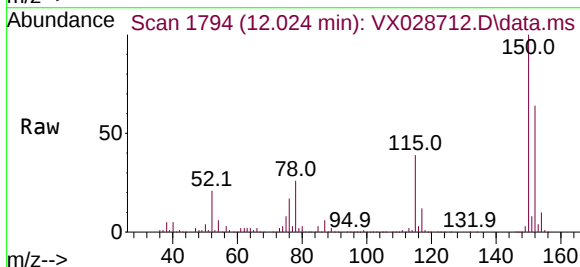
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

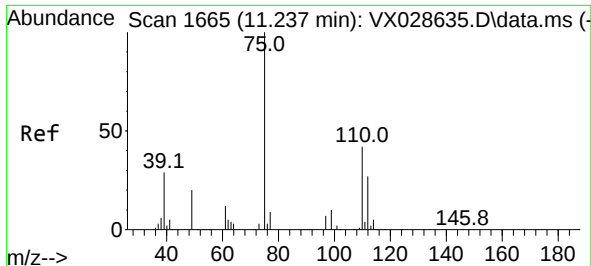
Tgt Ion:117 Resp: 500556
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion:152 Resp: 190172
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 156.6 0.0 338.2

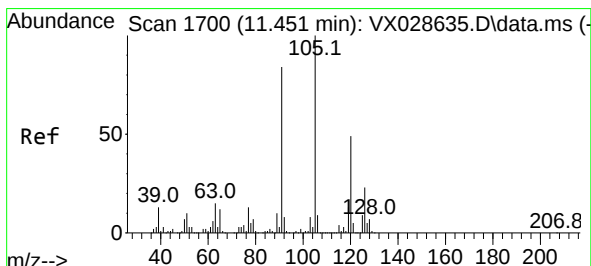
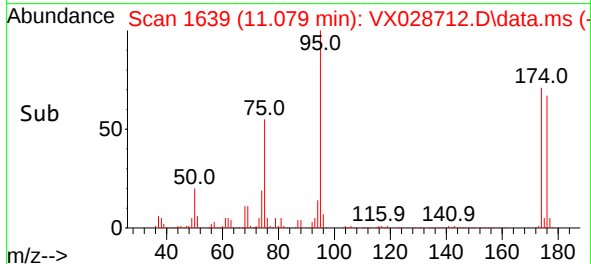
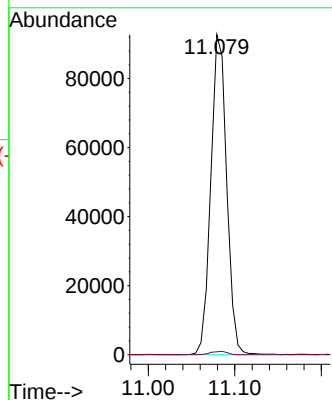
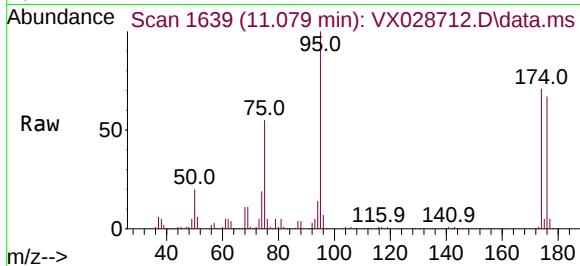




#76
1,2,3-Trichloropropane
Concen: 26.480 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.158 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

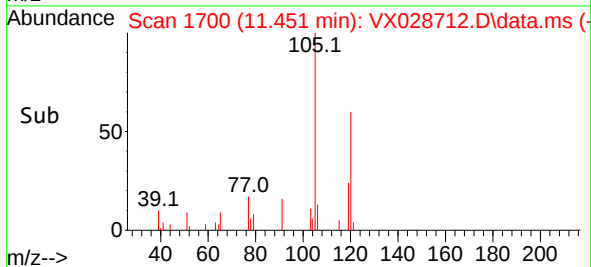
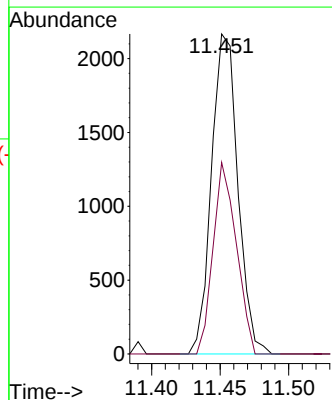
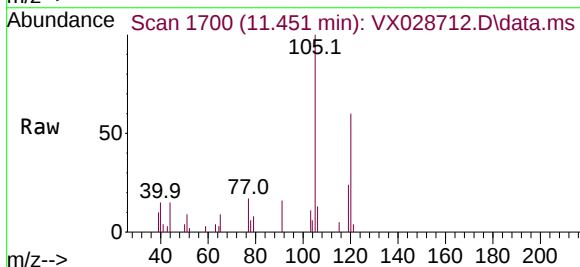
Instrument :
MSVOA_X
ClientSampleId :
PB144804TB

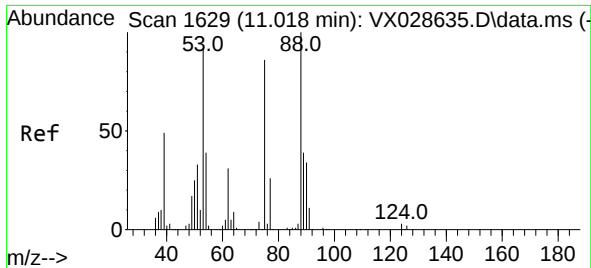
Tgt Ion: 75 Resp: 117932
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028712.D
Acq: 14 May 2022 05:17

Tgt Ion:105 Resp: 2899
Ion Ratio Lower Upper
105 100
120 52.7 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.751 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX028712.D
 Acq: 14 May 2022 05:17

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144804TB

Tgt Ion: 75 Resp: 117932
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

