

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028952.D
 Acq On : 25 May 2022 15:50
 Operator : JC/MD
 Sample : N3030-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20220524

Quant Time: May 26 05:45:12 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)

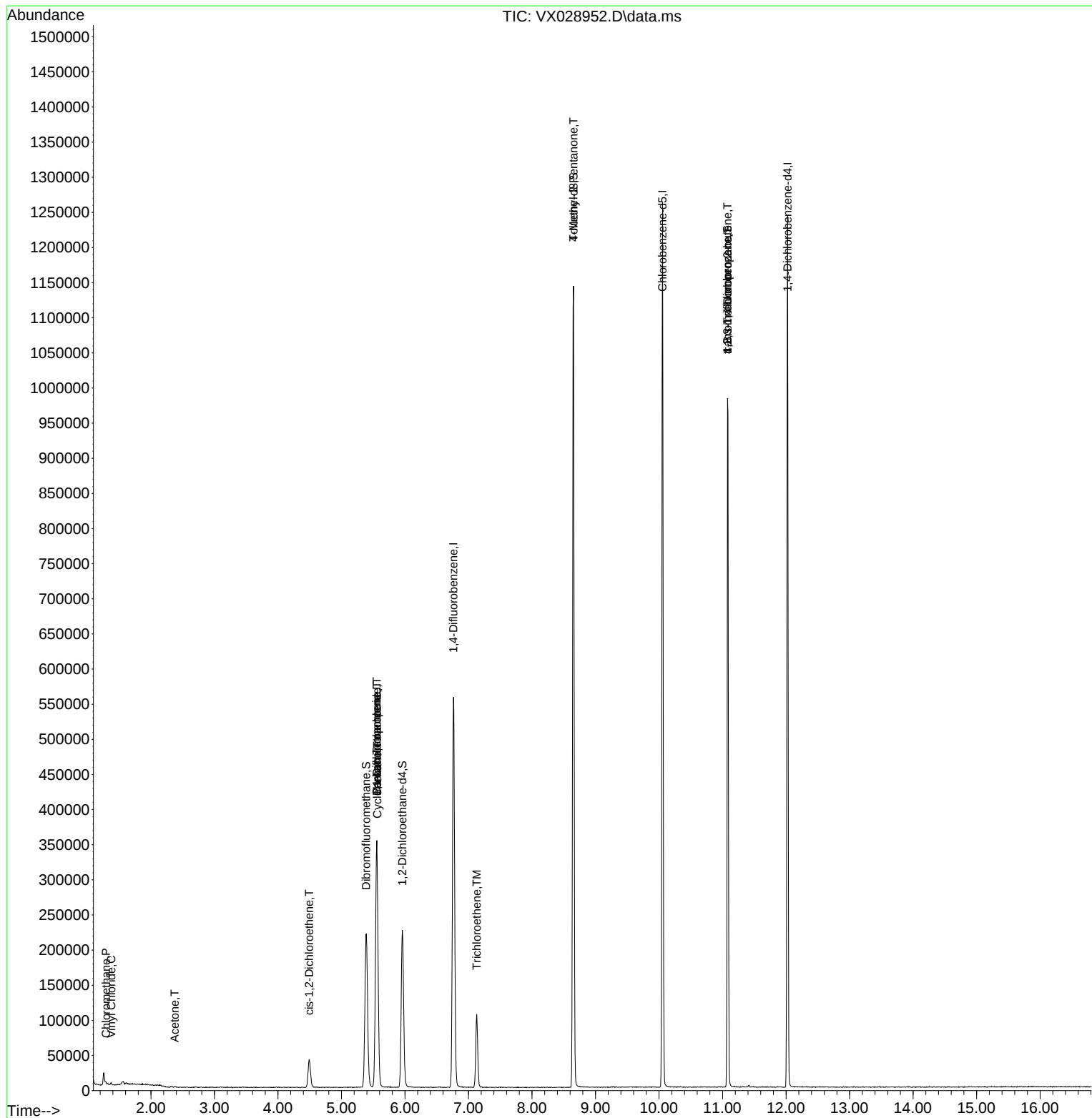
Internal Standards						
1) Pentafluorobenzene	5.556	168	324965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	585216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	560517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	224122	50.313	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.620%	
35) Dibromofluoromethane	5.385	113	196091	51.142	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.280%	
50) Toluene-d8	8.653	98	692447	47.901	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.800%	
62) 4-Bromofluorobenzene	11.079	95	273077	50.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	869	0.217	ug/l #	87
4) Vinyl Chloride	1.374	62	1775	0.411	ug/l	96
5) Bromomethane	1.618	94	1085	Below Cal		95
6) Chloroethane	1.575	64	493	Below Cal	#	66
11) Tert butyl alcohol	2.941	59	258	Below Cal	#	72
16) Acetone	2.374	43	1175	0.615	ug/l #	86
27) cis-1,2-Dichloroethene	4.489	96	25889	5.851	ug/l	89
31) Cyclohexane	5.562	56	6369	1.030	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	25141	4.366	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33343	5.753	ug/l #	15
44) Trichloroethene	7.129	130	40600	9.045	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	2716	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	139401	22.743	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	139401	66.466	ug/l #	15

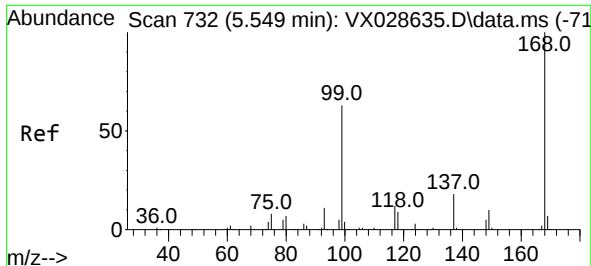
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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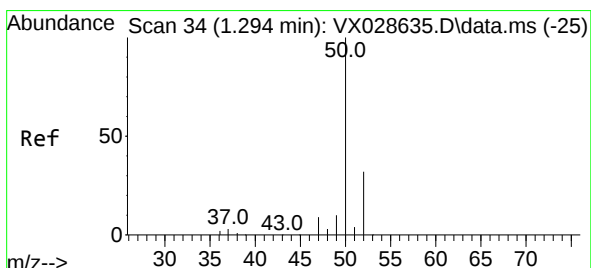
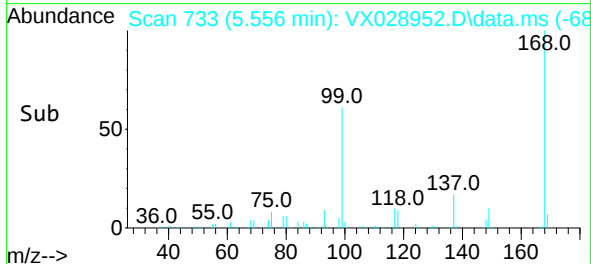
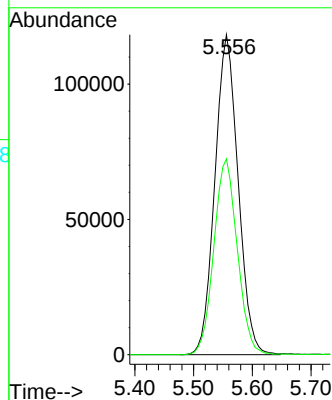
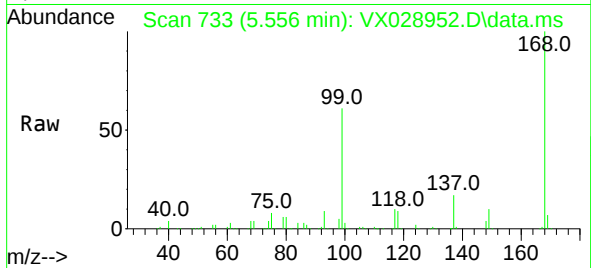




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

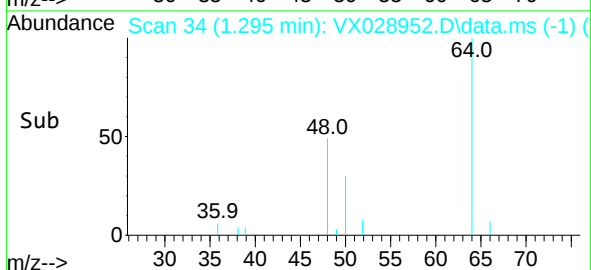
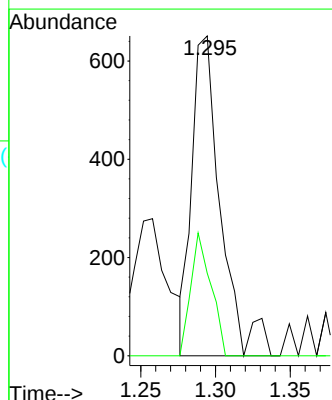
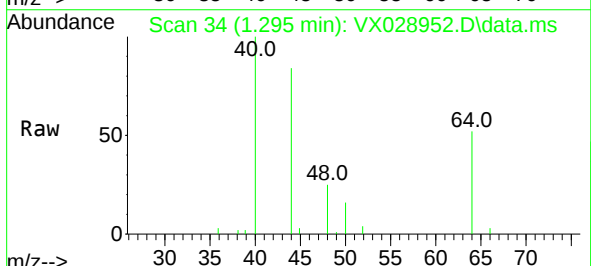
Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

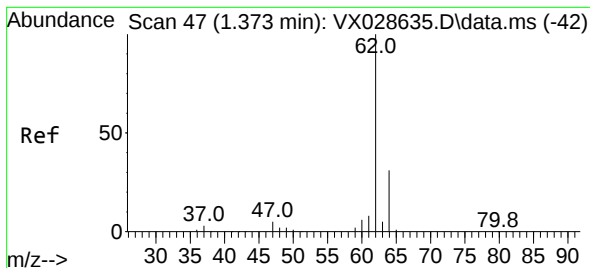
Tgt Ion:168 Resp: 324965
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion: 50 Resp: 869
Ion Ratio Lower Upper
50 100
52 25.8 26.4 39.6#





#4

Vinyl Chloride

Concen: 0.411 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX028952.D

Acq: 25 May 2022 15:50

Instrument :

MSVOA_X

ClientSampleId :

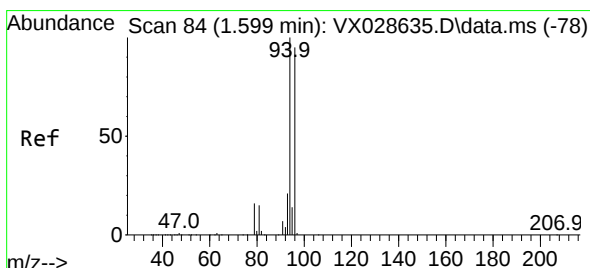
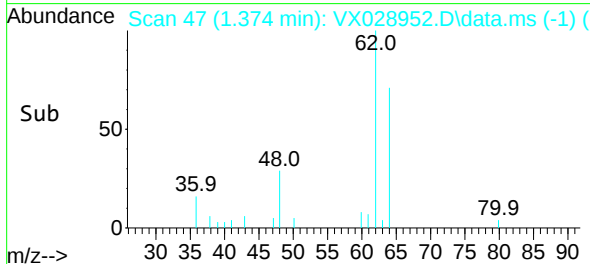
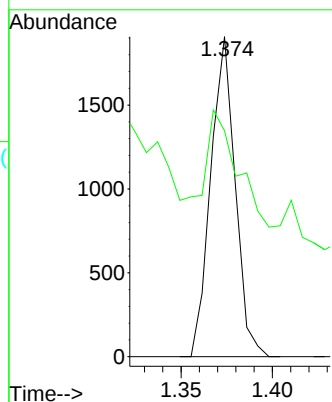
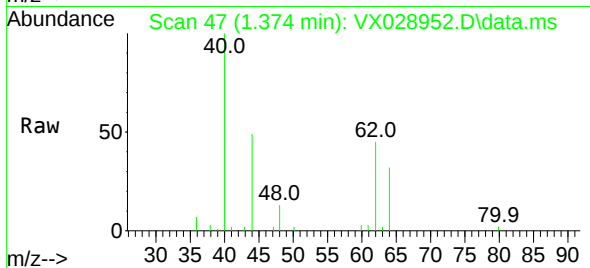
61BR-20220524

Tgt Ion: 62 Resp: 1775

Ion Ratio Lower Upper

62 100

64 29.7 25.5 38.3



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 87

Delta R.T. 0.019 min

Lab File: VX028952.D

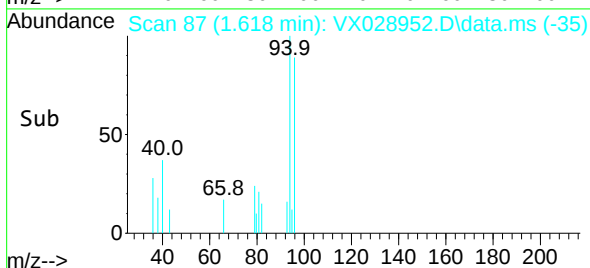
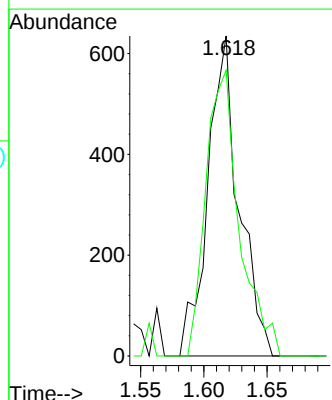
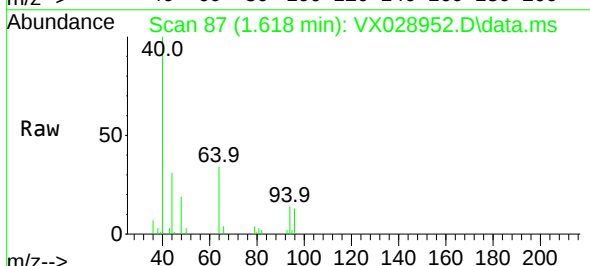
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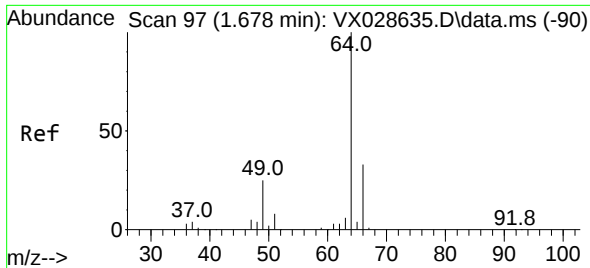
Tgt Ion: 94 Resp: 1085

Ion Ratio Lower Upper

94 100

96 89.3 75.3 112.9

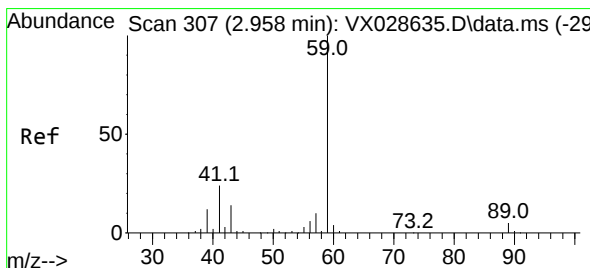
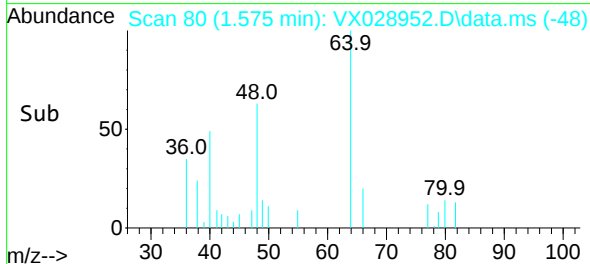
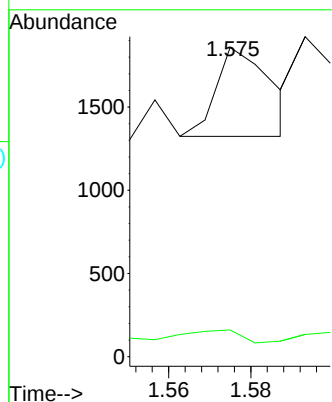
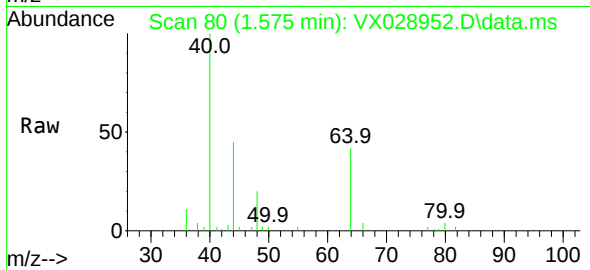




#6
Chloroethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.103 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

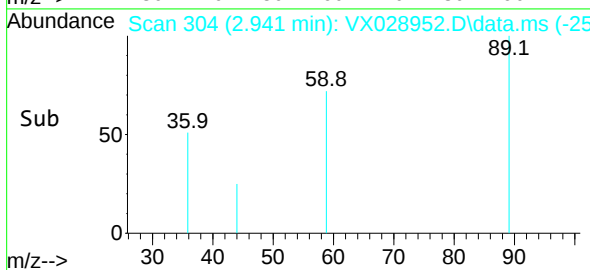
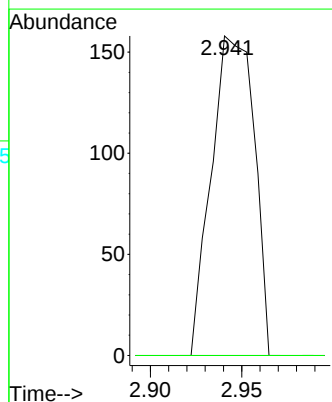
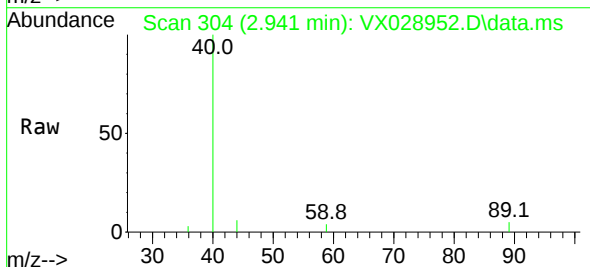
Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

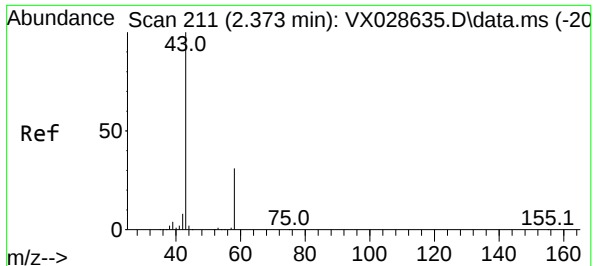
Tgt Ion: 64 Resp: 493
Ion Ratio Lower Upper
64 100
66 12.5 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

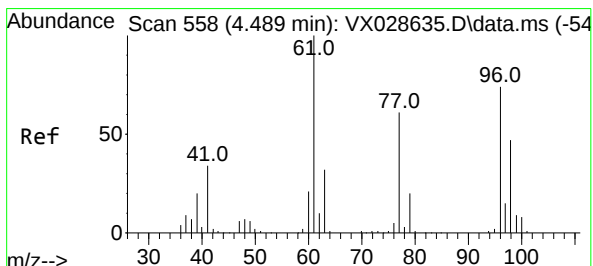
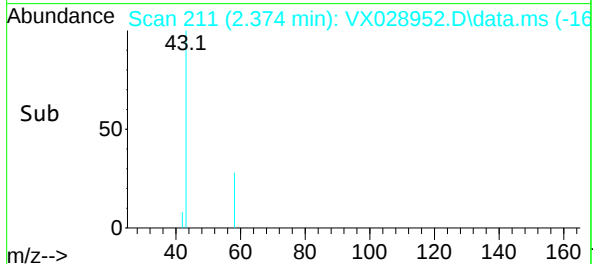
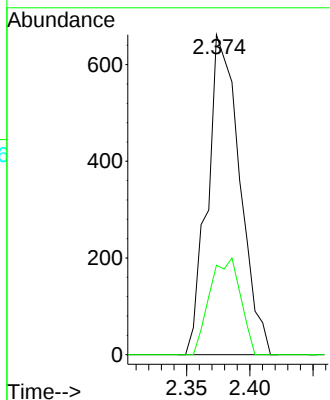
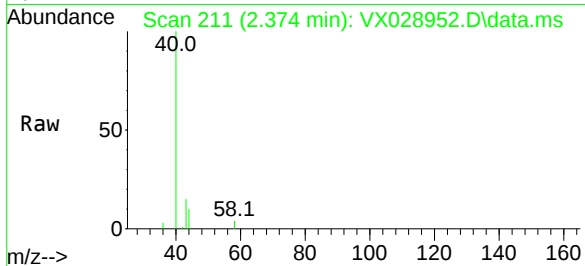




#16
Acetone
Concen: 0.615 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

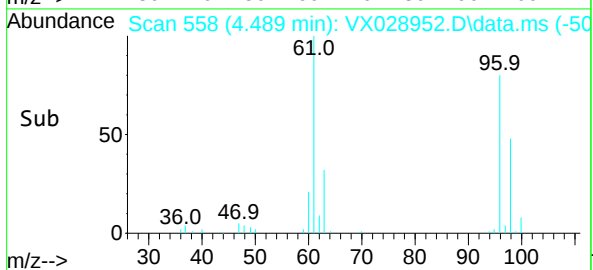
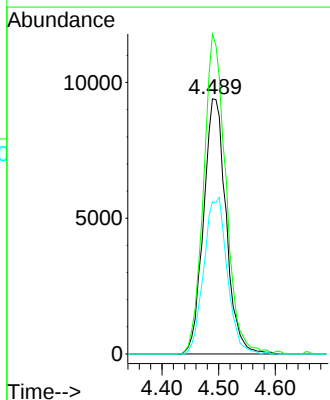
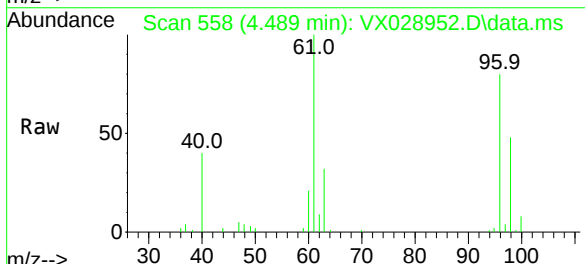
Instrument :
MSVOA_X
ClientSampleId :
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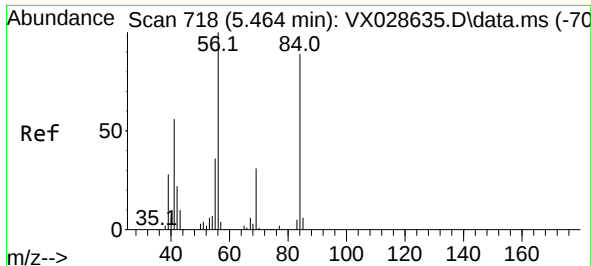
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 27.9 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 5.851 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion: 96 Resp: 25889
Ion Ratio Lower Upper
96 100
61 123.5 0.0 283.8
98 63.6 0.0 129.8

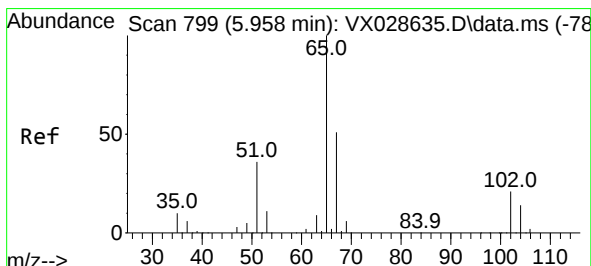
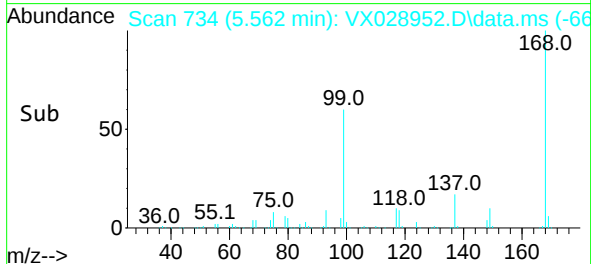
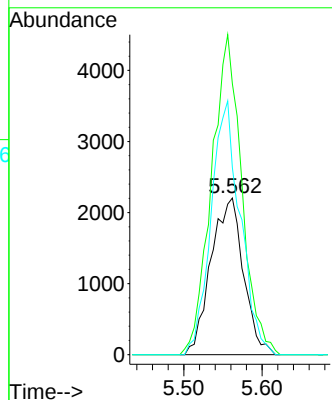
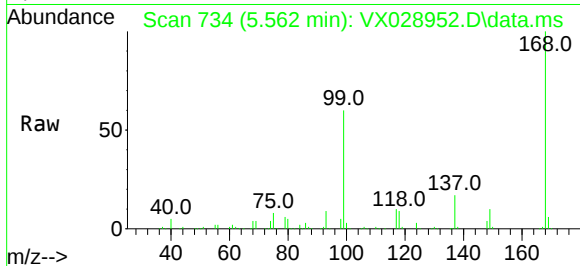




#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

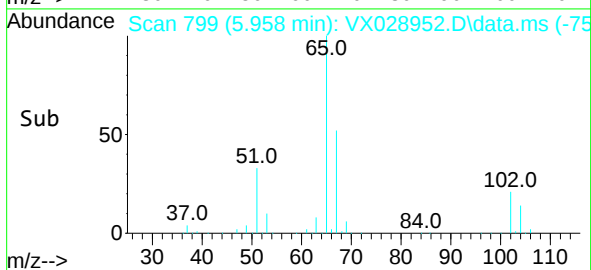
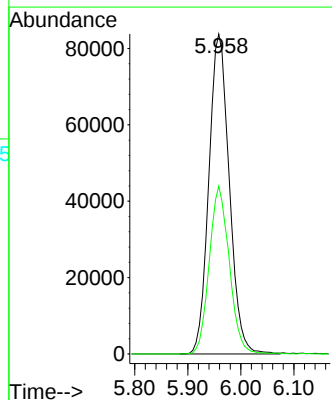
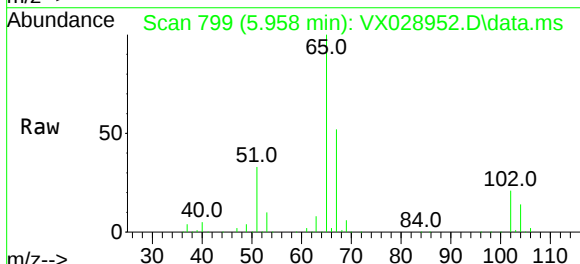
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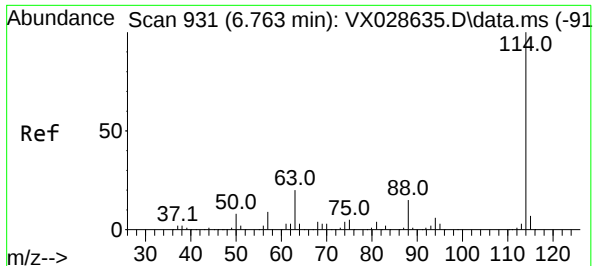
Tgt Ion: 56 Resp: 6369
Ion Ratio Lower Upper
56 100
69 173.1 26.7 40.1#
84 119.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion: 65 Resp: 224122
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

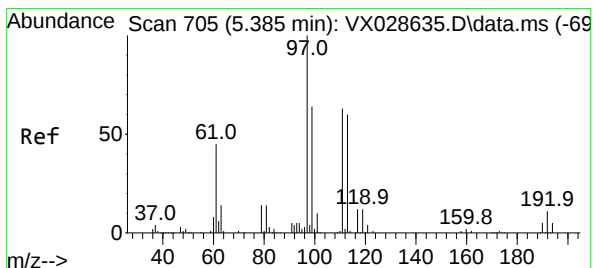
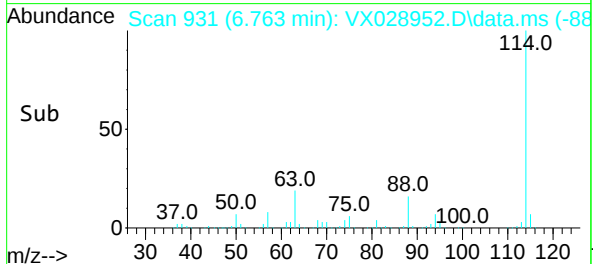
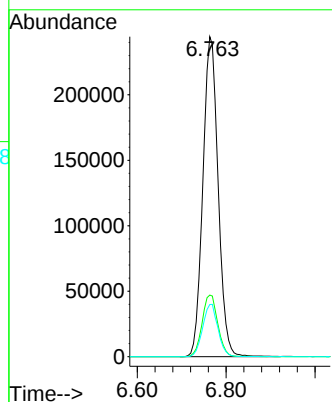
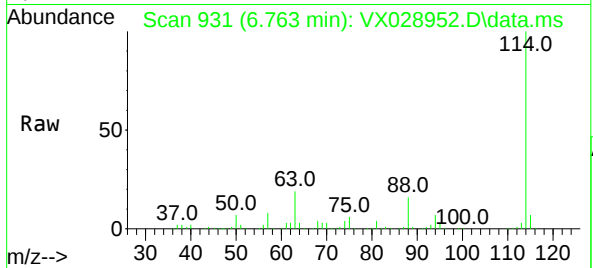




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

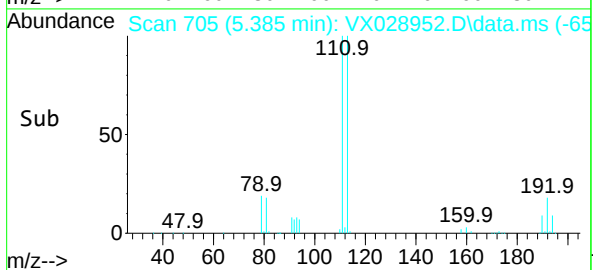
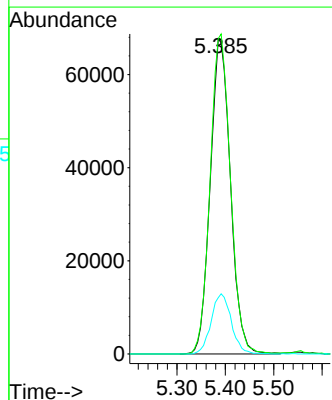
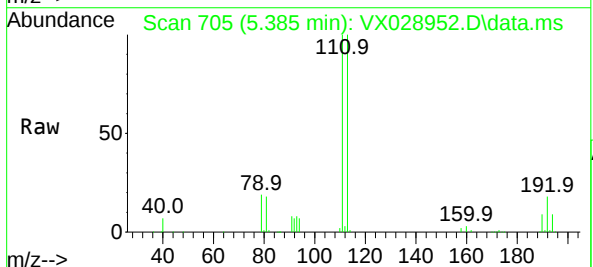
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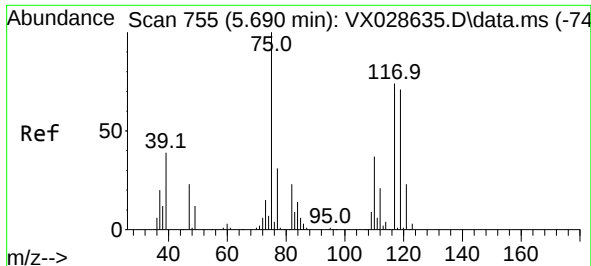
Tgt Ion:114 Resp: 585216
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.142 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion:113 Resp: 196091
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.1 16.9 25.3

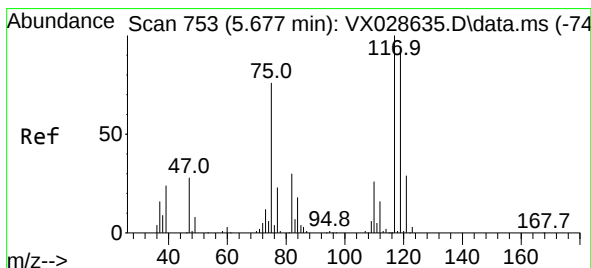
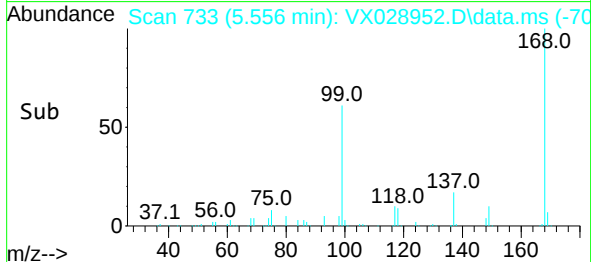
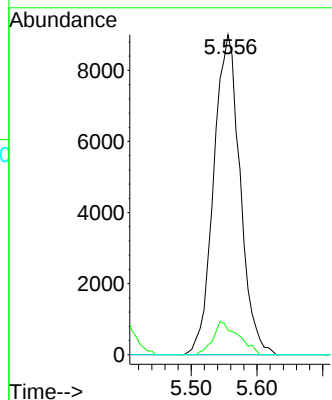
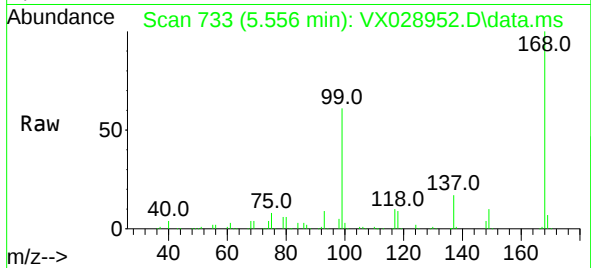




#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

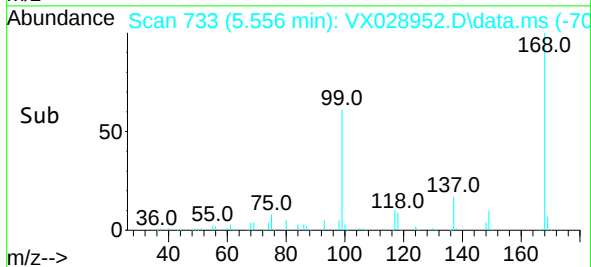
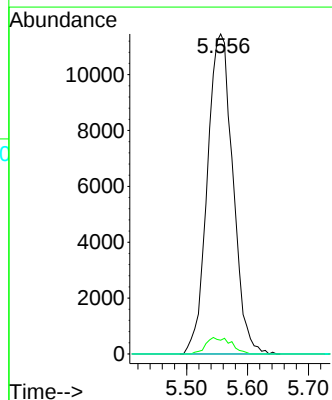
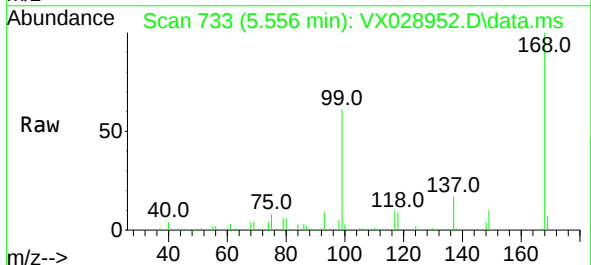
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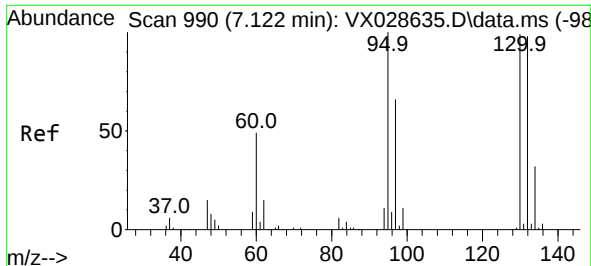
Tgt Ion: 75 Resp: 25141
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion: 117 Resp: 33343
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

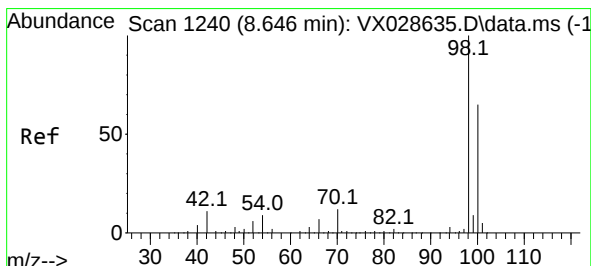
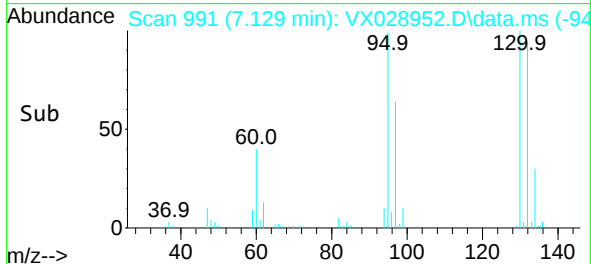
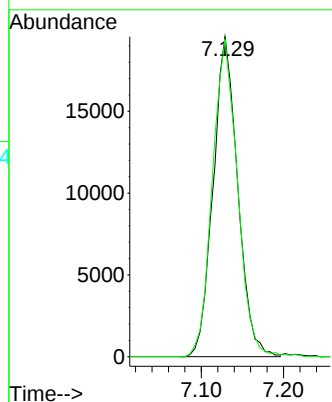
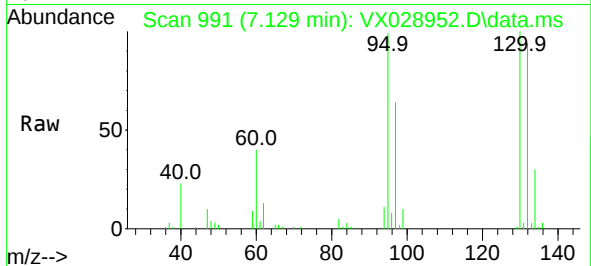




#44
 Trichloroethene
 Concen: 9.045 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.007 min
 Lab File: VX028952.D
 Acq: 25 May 2022 15:50

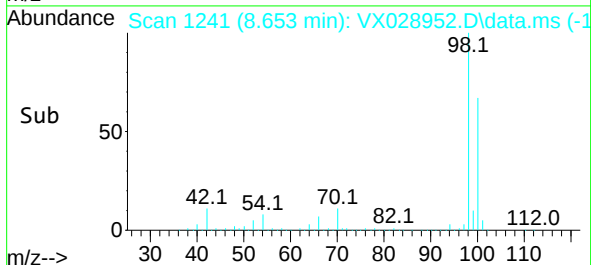
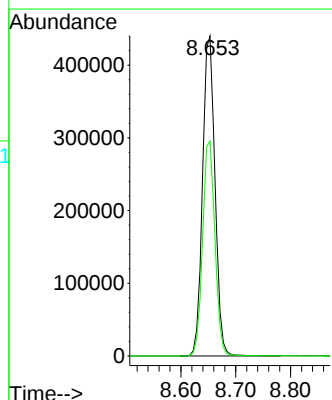
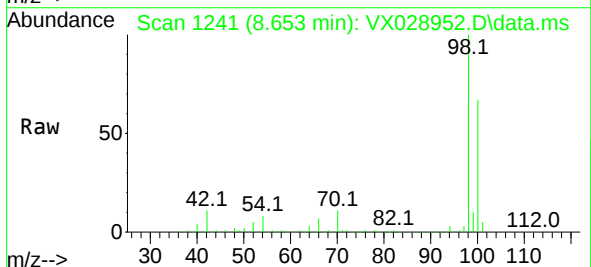
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20220524

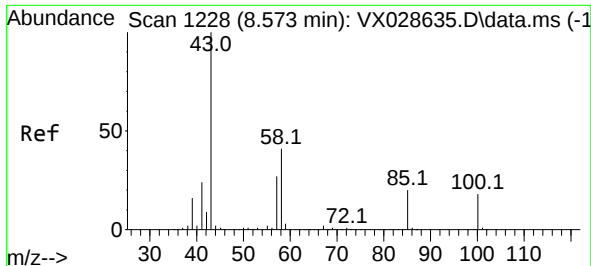
Tgt Ion:130 Resp: 40600
 Ion Ratio Lower Upper
 130 100
 95 99.1 0.0 188.8



#50
 Toluene-d8
 Concen: 47.901 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.007 min
 Lab File: VX028952.D
 Acq: 25 May 2022 15:50

Tgt Ion: 98 Resp: 692447
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.6 78.8

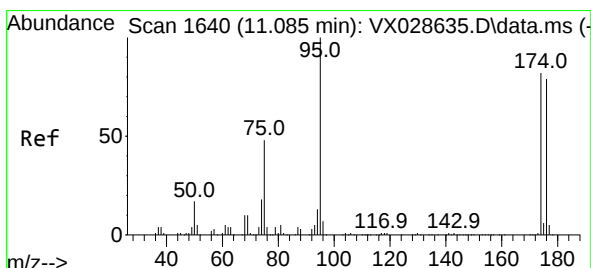
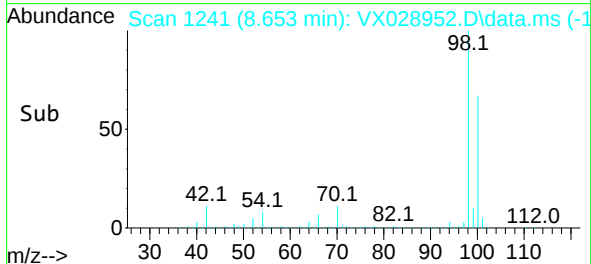
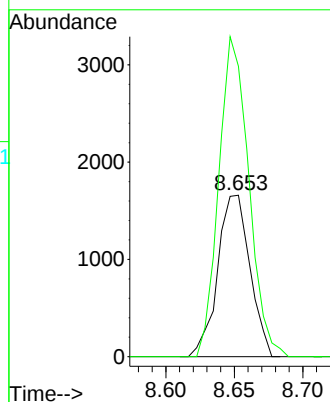
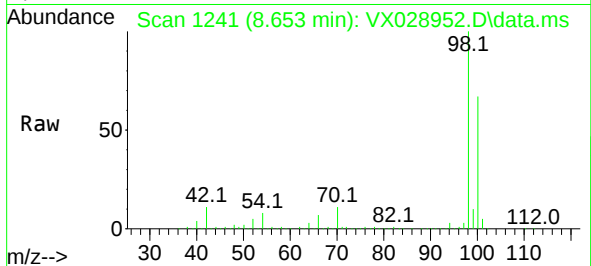




#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

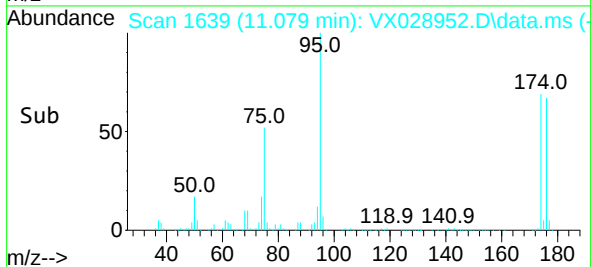
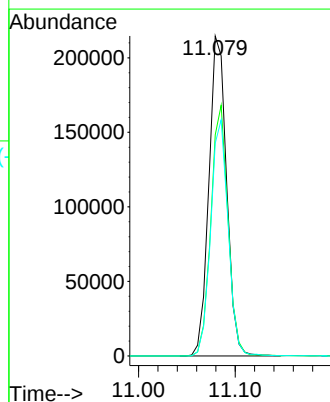
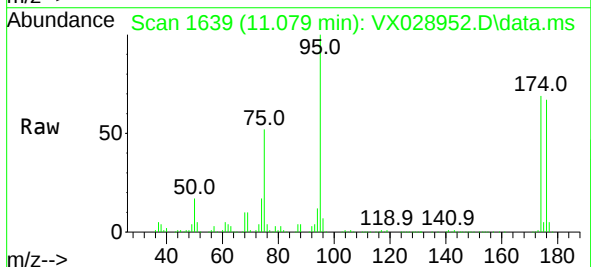
Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

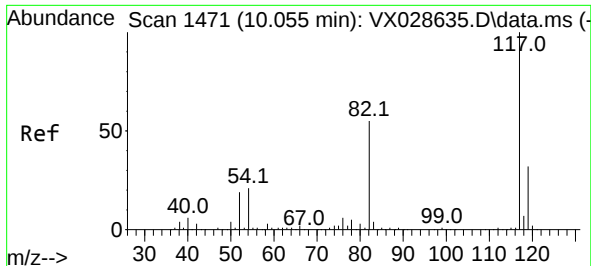
Tgt Ion: 43 Resp: 2716
Ion Ratio Lower Upper
43 100
58 184.3 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion: 95 Resp: 273077
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 72.7 0.0 155.0

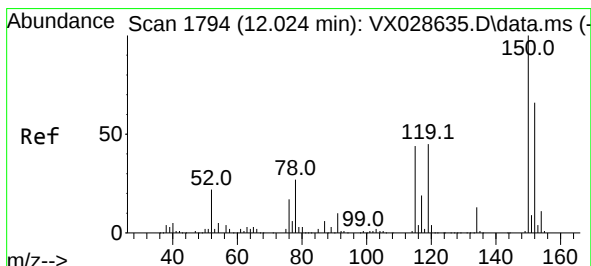
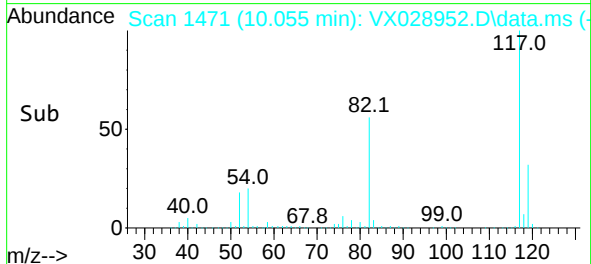
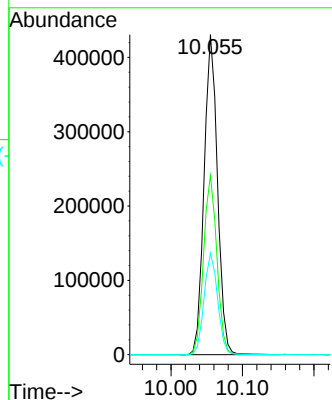
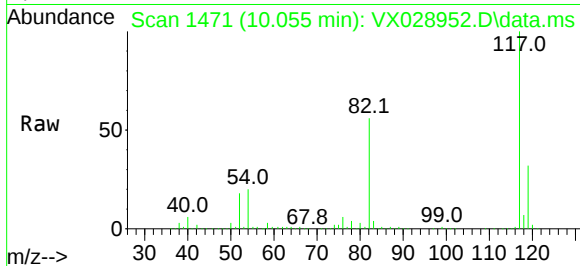




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

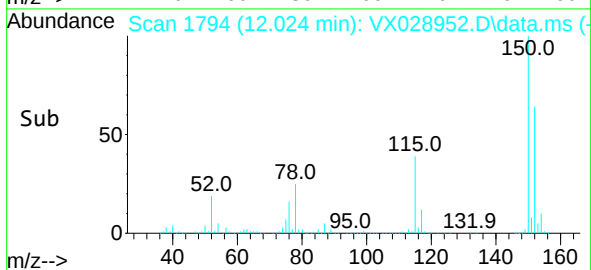
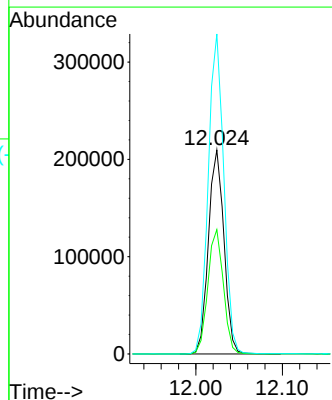
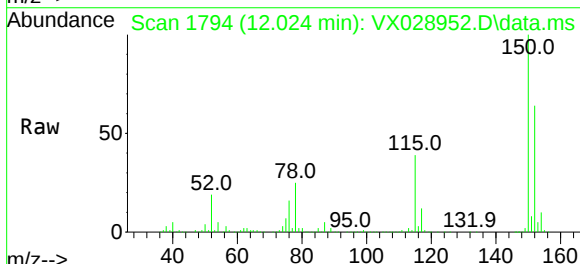
Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

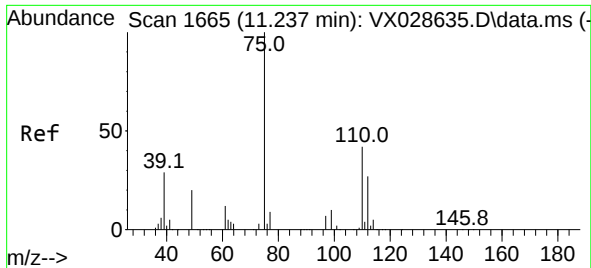
Tgt Ion:117 Resp: 560517
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion:152 Resp: 261730
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 156.5 0.0 338.2

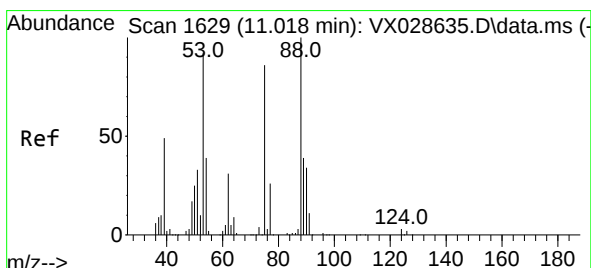
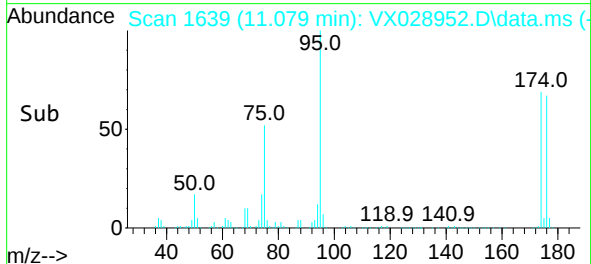
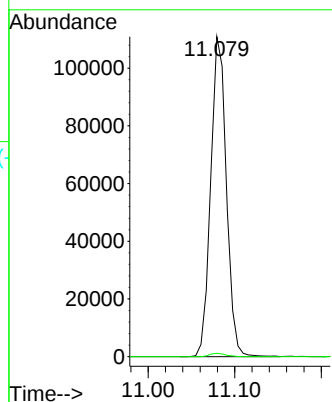
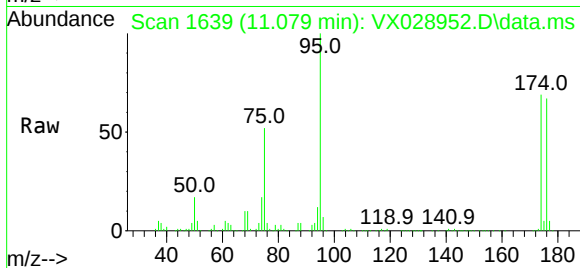




#76
1,2,3-Trichloropropane
Concen: 22.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Instrument :
MSVOA_X
ClientSampleId :
61BR-20220524

Tgt Ion: 75 Resp: 139401
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028952.D
Acq: 25 May 2022 15:50

Tgt Ion: 75 Resp: 139401
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

