

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035618.D
 Acq On : 11 May 2023 19:23
 Operator : JC/MD
 Sample : 02755-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5560

Quant Time: May 12 03:54:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

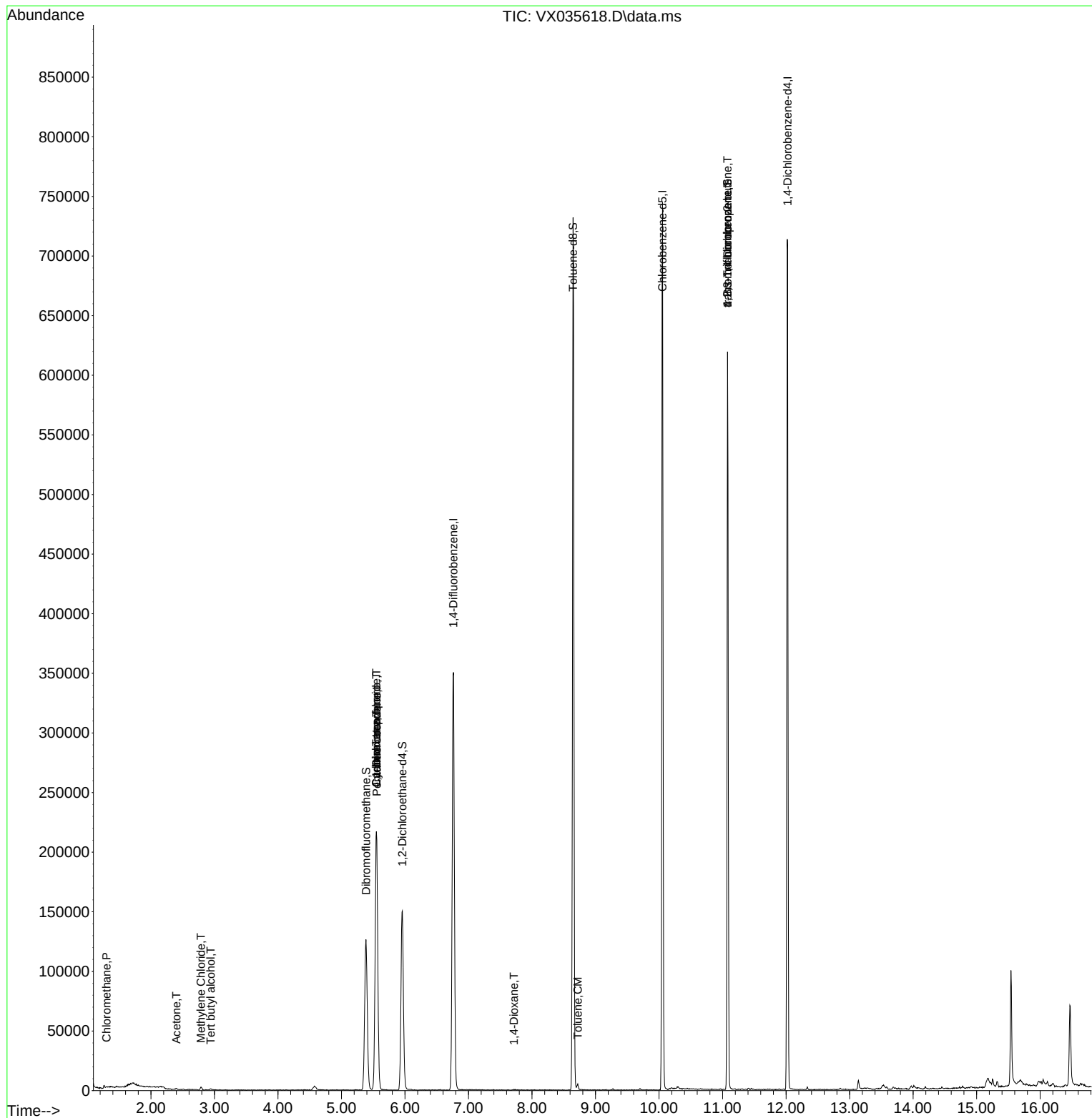
Internal Standards						
1) Pentafluorobenzene	5.556	168	185568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	339722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153723	47.485	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.960%		
35) Dibromofluoromethane	5.385	113	109871	47.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.920%		
50) Toluene-d8	8.647	98	410063	48.449	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.900%		
62) 4-Bromofluorobenzene	11.079	95	166636	48.897	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.800%		
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	666	0.227	ug/l	# 82
11) Tert butyl alcohol	2.940	59	732	1.282	ug/l	# 73
16) Acetone	2.398	43	1308	0.940	ug/l	# 81
20) Methylene Chloride	2.788	84	1043	0.414	ug/l	# 68
31) Cyclohexane	5.550	56	5262	1.287	ug/l	# 30
36) 1,1-Dichloropropene	5.550	75	17467	4.830	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	21285	6.213	ug/l	# 16
49) 1,4-Dioxane	7.714	88	382	7.304	ug/l	# 46
52) Toluene	8.720	92	1562	0.245	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	90578	26.827	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	90578	86.458	ug/l	# 8

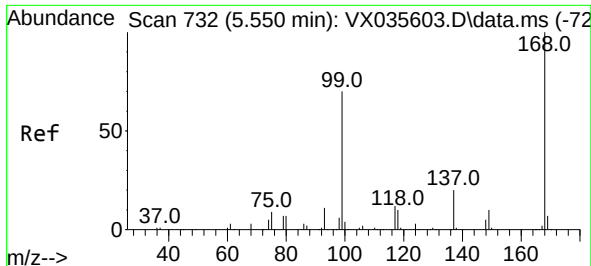
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
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Quant Time: May 12 03:54:23 2023
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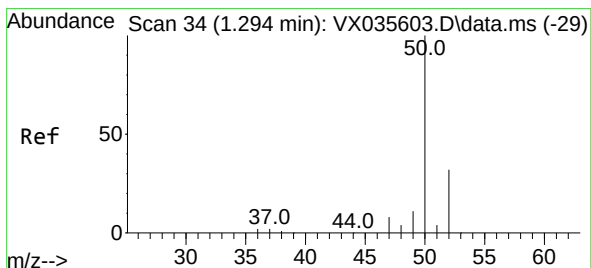
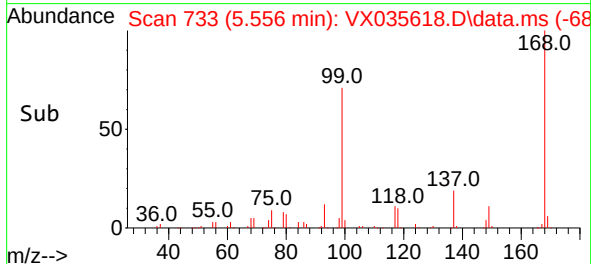
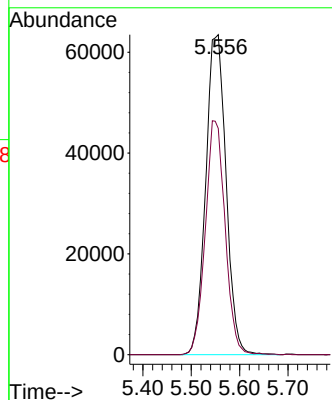
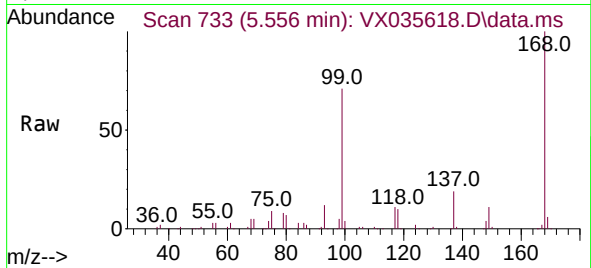




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

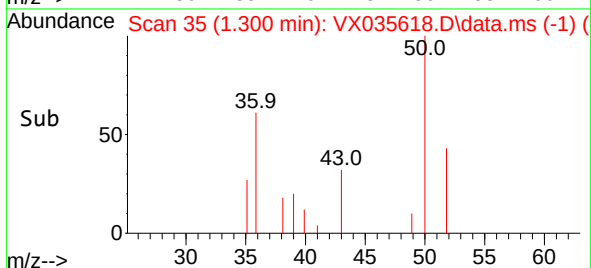
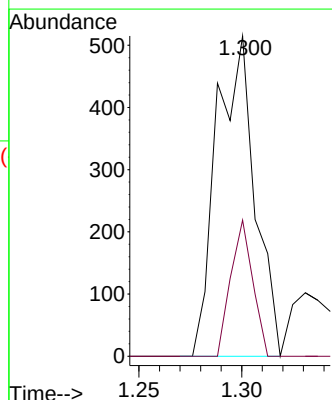
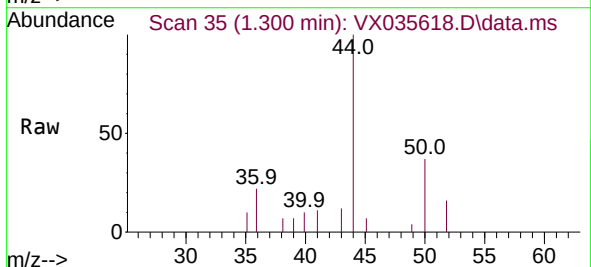
Instrument :
MSVOA_X
ClientSampleId :
A5560

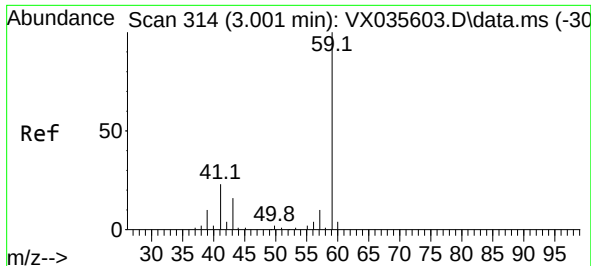
Tgt Ion:168 Resp: 185568
Ion Ratio Lower Upper
168 100
99 70.7 45.7 68.5#



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 50 Resp: 666
Ion Ratio Lower Upper
50 100
52 42.5 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.282 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.061 min

Lab File: VX035618.D

Acq: 11 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

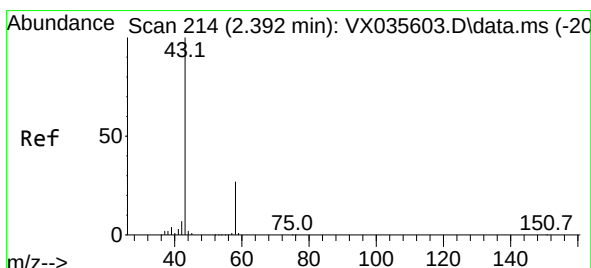
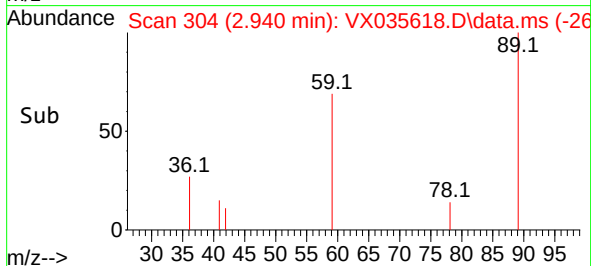
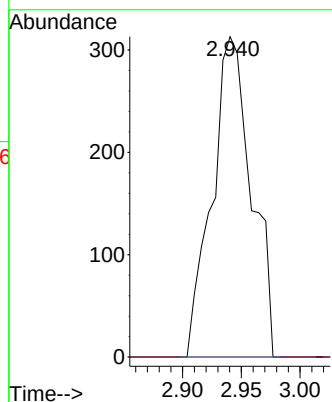
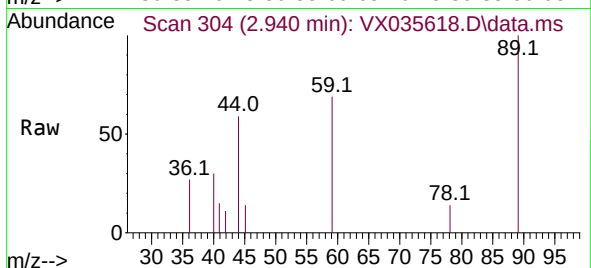
A5560

Tgt Ion: 59 Resp: 732

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.940 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX035618.D

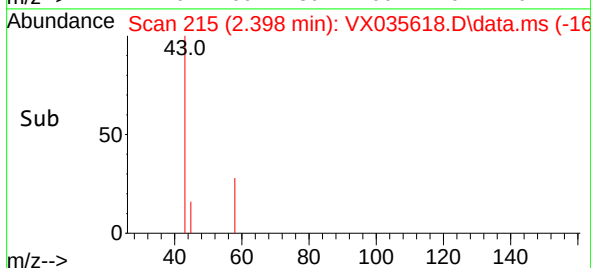
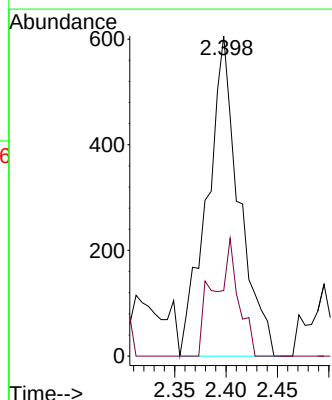
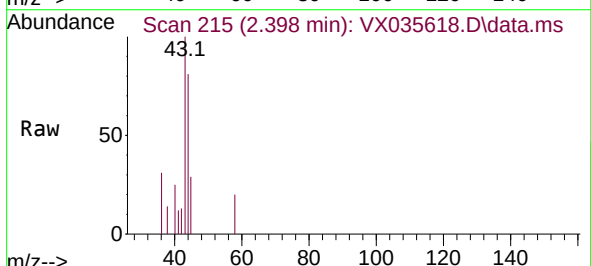
Acq: 11 May 2023 19:23

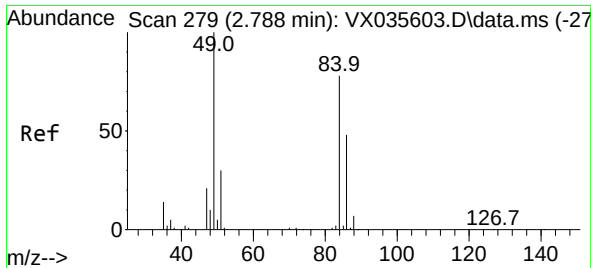
Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

58 20.5 24.7 37.1#

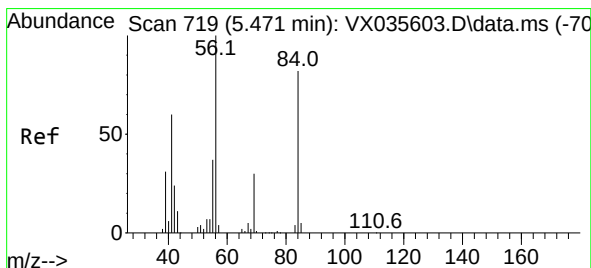
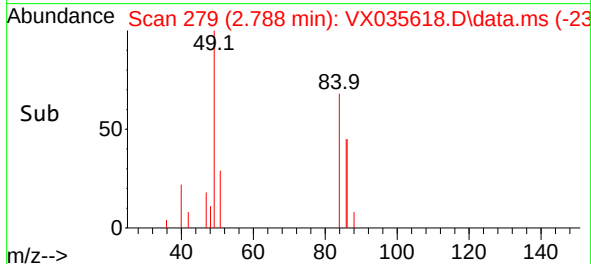
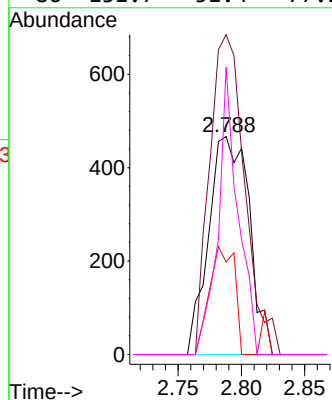
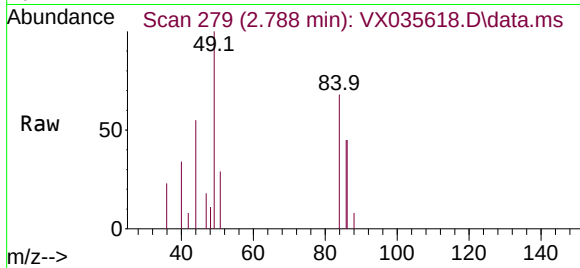




#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

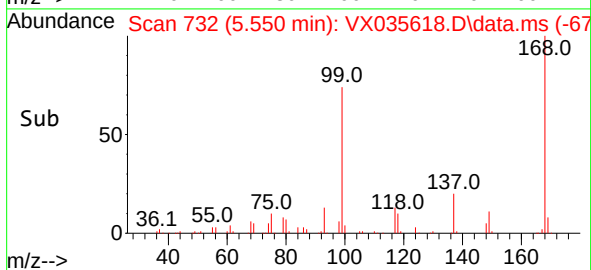
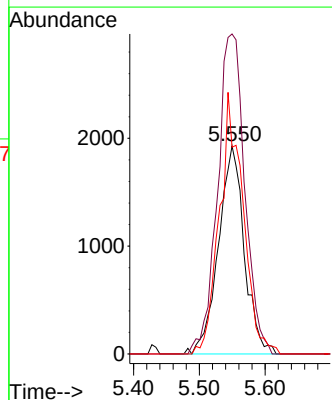
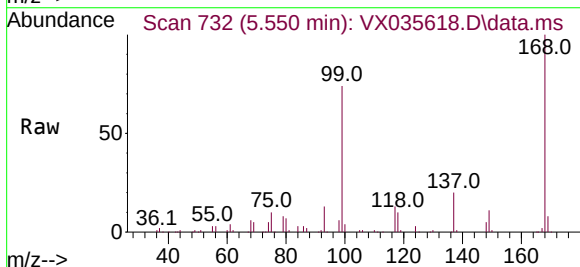
Instrument :
MSVOA_X
ClientSampleId :
A5560

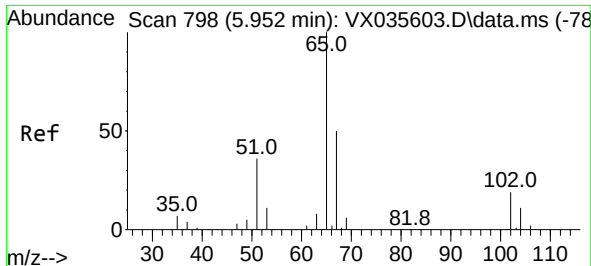
Tgt Ion:	84	Resp:	1043
Ion	Ratio	Lower	Upper
84	100		
49	146.7	103.8	155.8
51	42.4	31.8	47.8
86	131.7	51.4	77.2



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion:	56	Resp:	5262
Ion	Ratio	Lower	Upper
56	100		
69	153.8	23.7	35.5
84	99.4	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 47.485 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035618.D

Acq: 11 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

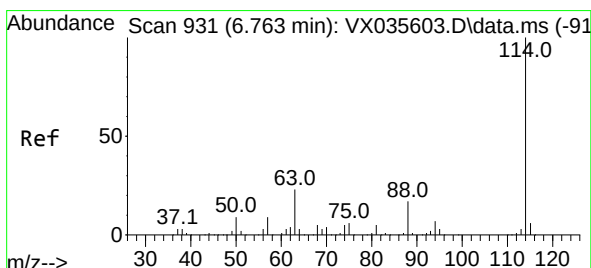
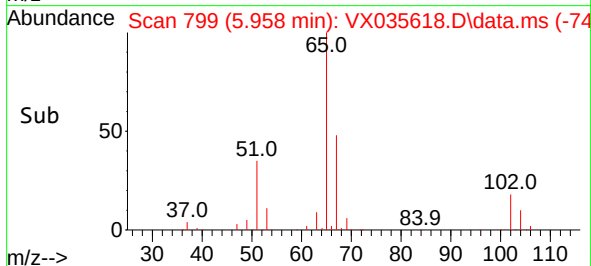
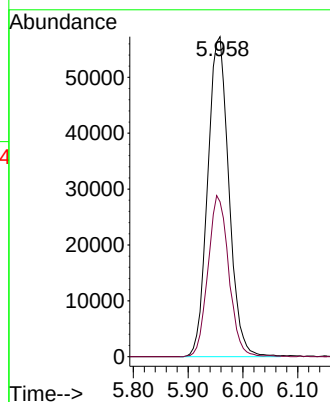
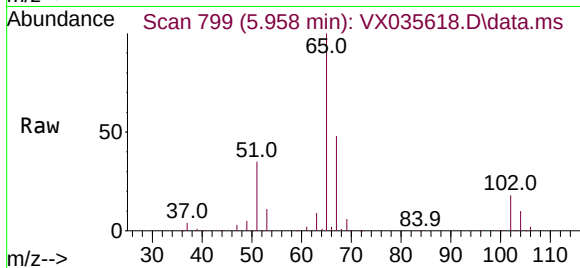
A5560

Tgt Ion: 65 Resp: 153723

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035618.D

Acq: 11 May 2023 19:23

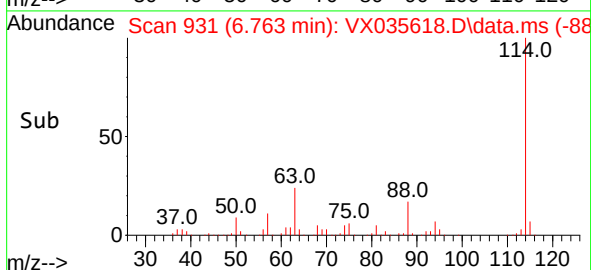
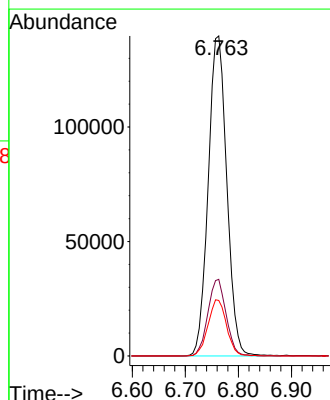
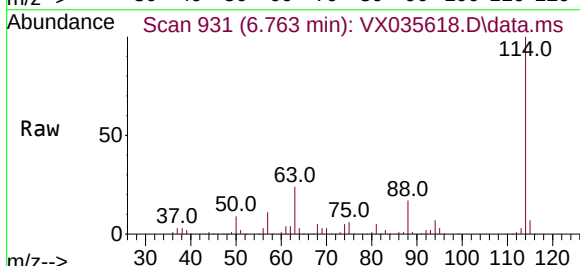
Tgt Ion: 114 Resp: 339722

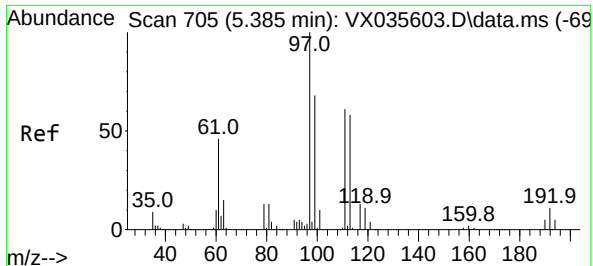
Ion Ratio Lower Upper

114 100

63 23.9 0.0 42.2

88 17.3 0.0 33.2

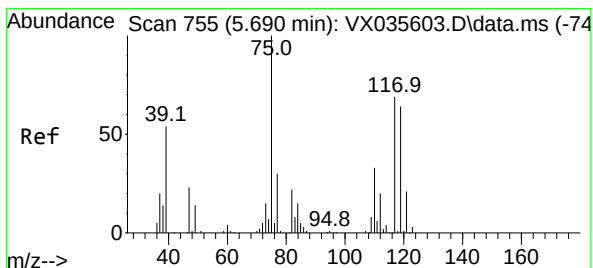
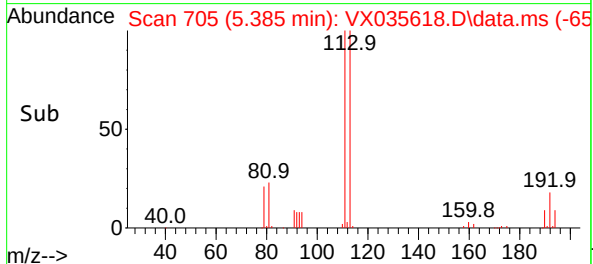
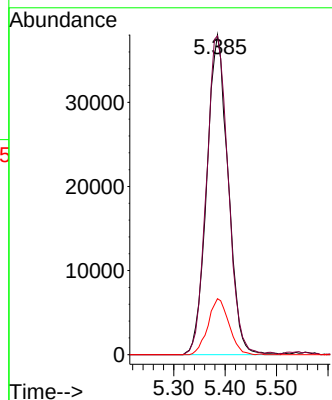
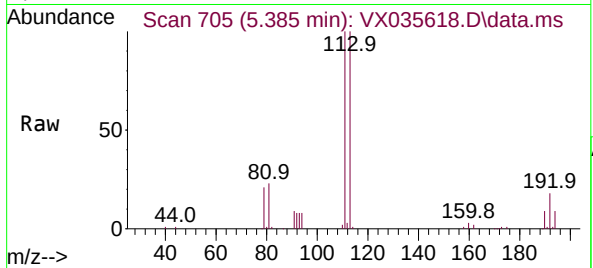




#35
Dibromofluoromethane
Concen: 47.956 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

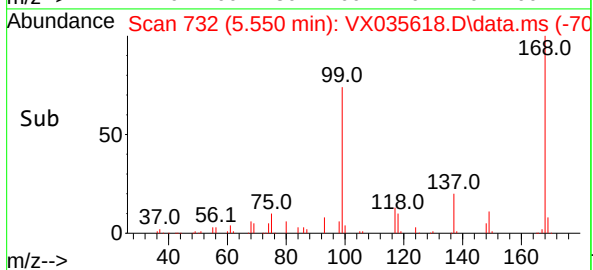
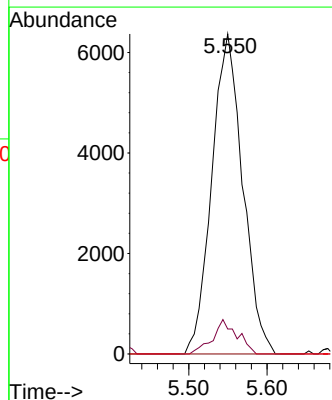
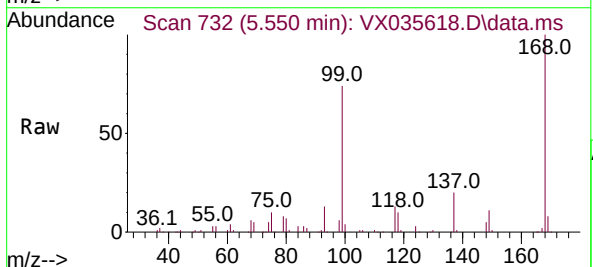
Instrument :
MSVOA_X
ClientSampleId :
A5560

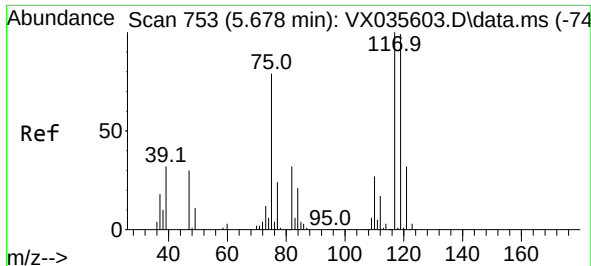
Tgt Ion:113 Resp: 109871
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 17.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 75 Resp: 17467
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#

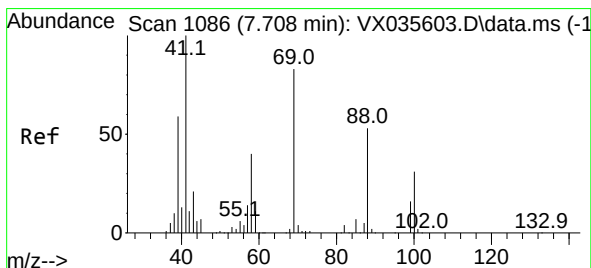
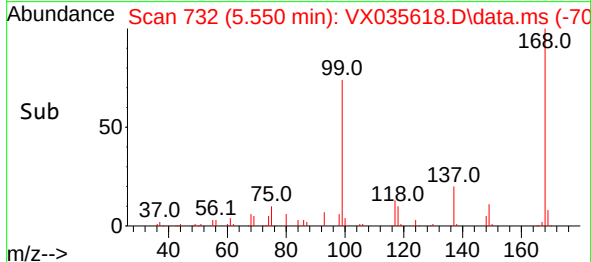
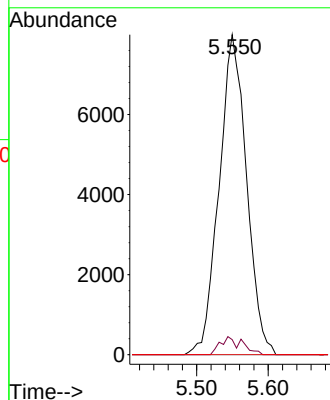
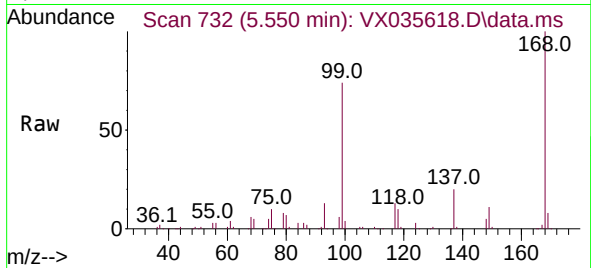




#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

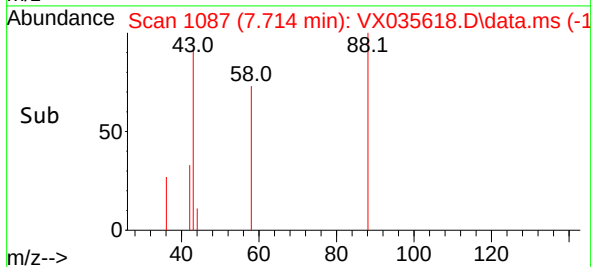
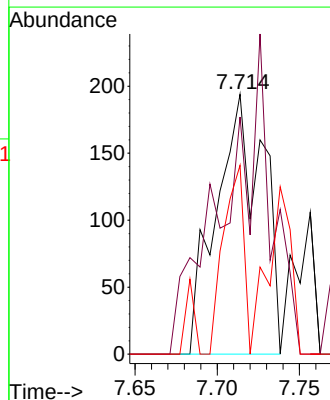
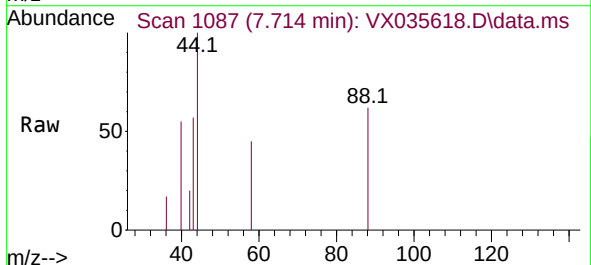
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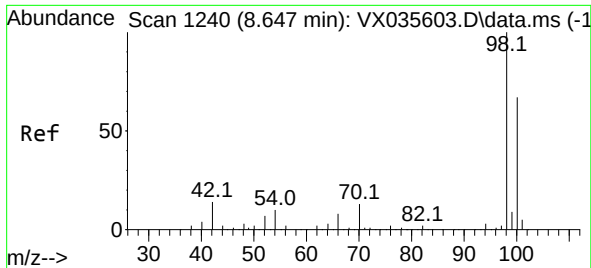
Tgt Ion:117 Resp: 21285
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 7.304 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 88 Resp: 382
Ion Ratio Lower Upper
88 100
43 74.6 27.7 41.5#
58 31.9 56.8 85.2#

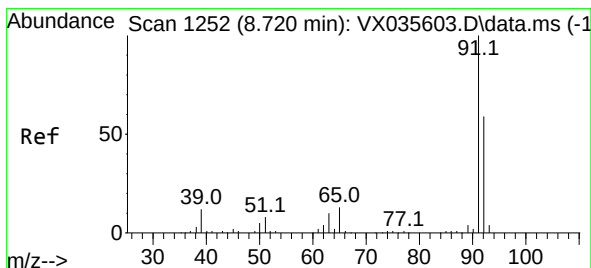
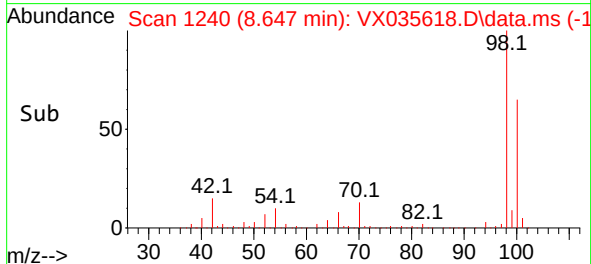
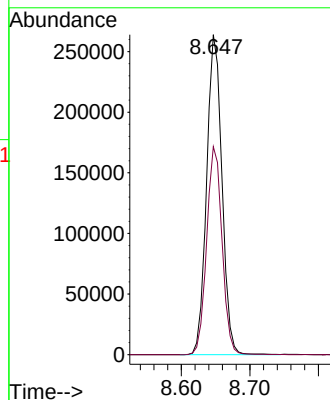
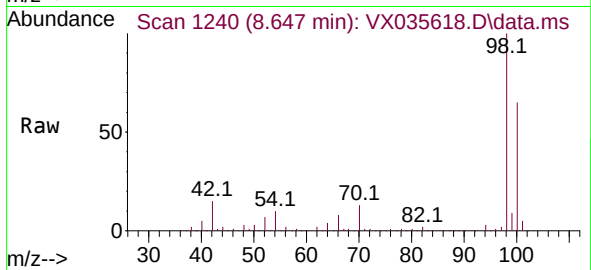




#50
Toluene-d8
Concen: 48.449 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

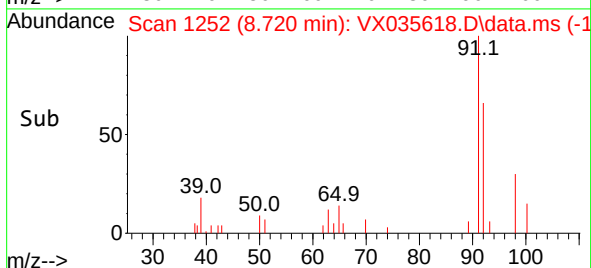
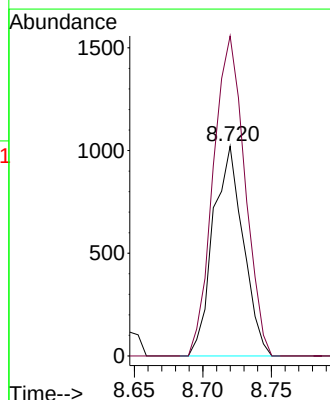
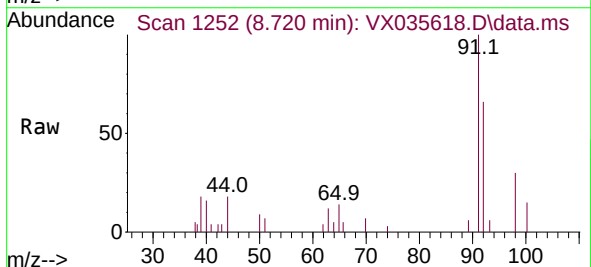
Instrument :
MSVOA_X
ClientSampleId :
A5560

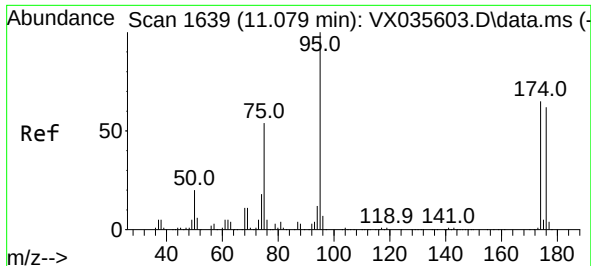
Tgt Ion: 98 Resp: 410063
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 0.245 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 92 Resp: 1562
Ion Ratio Lower Upper
92 100
91 160.1 136.8 205.2

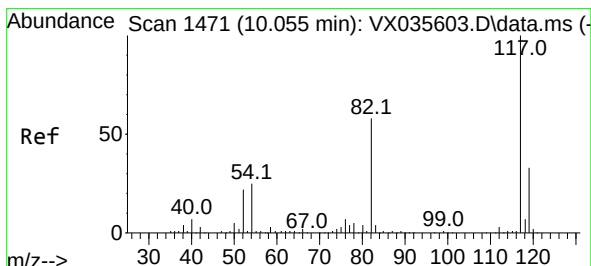
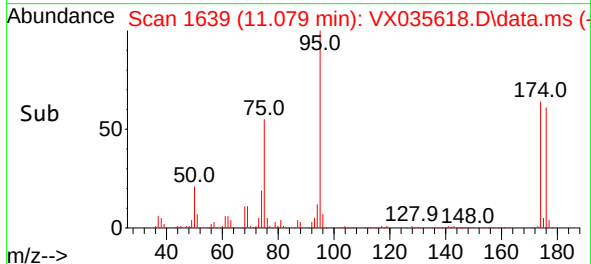
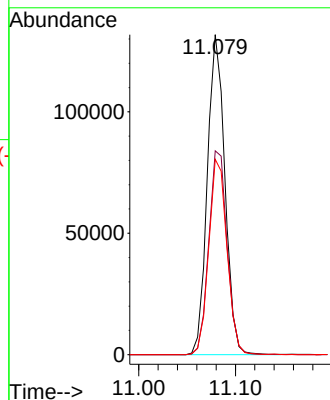
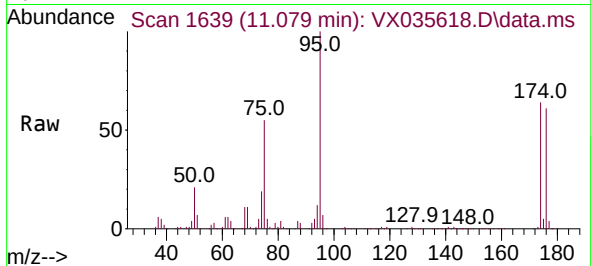




#62
4-Bromofluorobenzene
Concen: 48.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

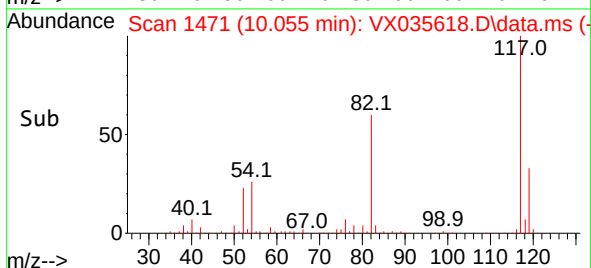
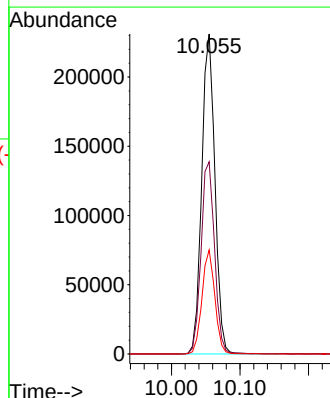
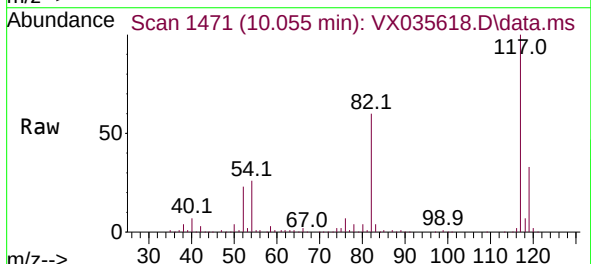
Instrument :
MSVOA_X
ClientSampleId :
A5560

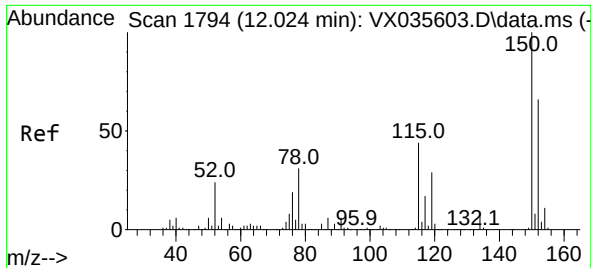
Tgt Ion: 95 Resp: 166636
Ion Ratio Lower Upper
95 100
174 66.5 0.0 147.4
176 63.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 117 Resp: 309886
Ion Ratio Lower Upper
117 100
82 60.0 45.0 67.4
119 32.5 26.0 39.0

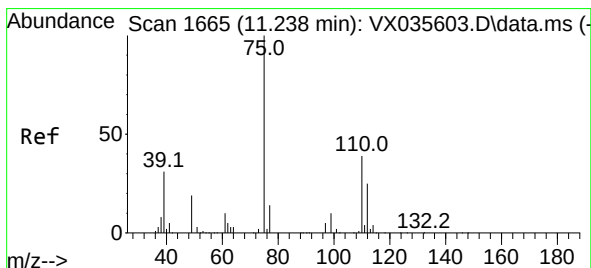
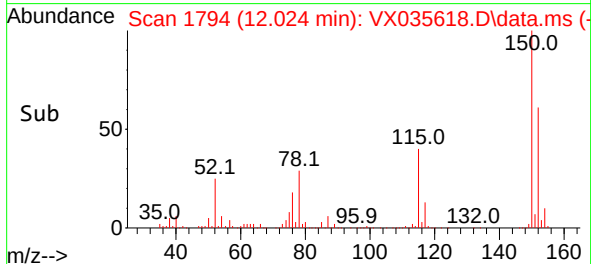
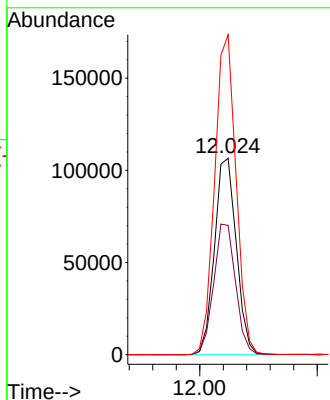
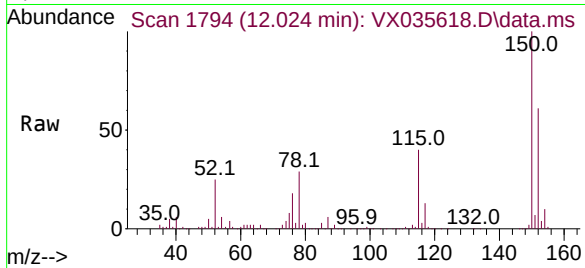




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035618.D
 Acq: 11 May 2023 19:23

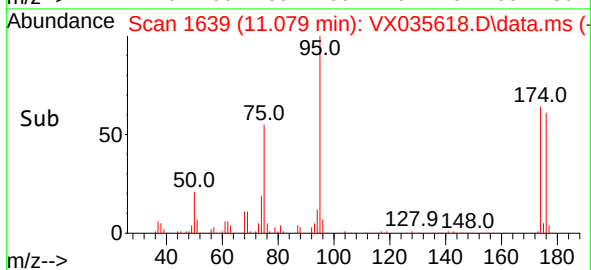
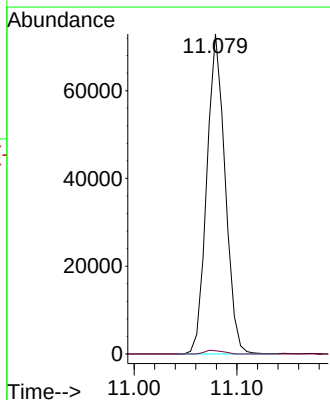
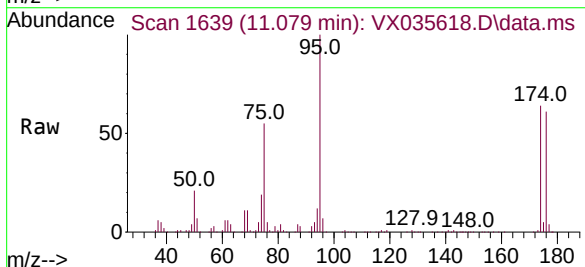
Instrument :
 MSVOA_X
 ClientSampleId :
 A5560

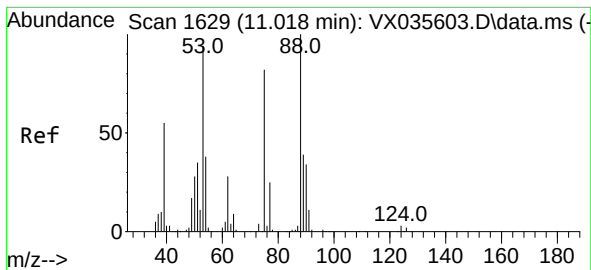
Tgt Ion:152 Resp: 138037
 Ion Ratio Lower Upper
 152 100
 115 66.8 45.0 135.0
 150 159.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.827 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035618.D
 Acq: 11 May 2023 19:23

Tgt Ion: 75 Resp: 90578
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.458 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035618.D
 Acq: 11 May 2023 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 A5560

Tgt Ion: 75 Resp: 90578
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

