

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032609.D
 Acq On : 05 Nov 2022 06:43
 Operator : JC/MD
 Sample : N5484-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 07 05:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

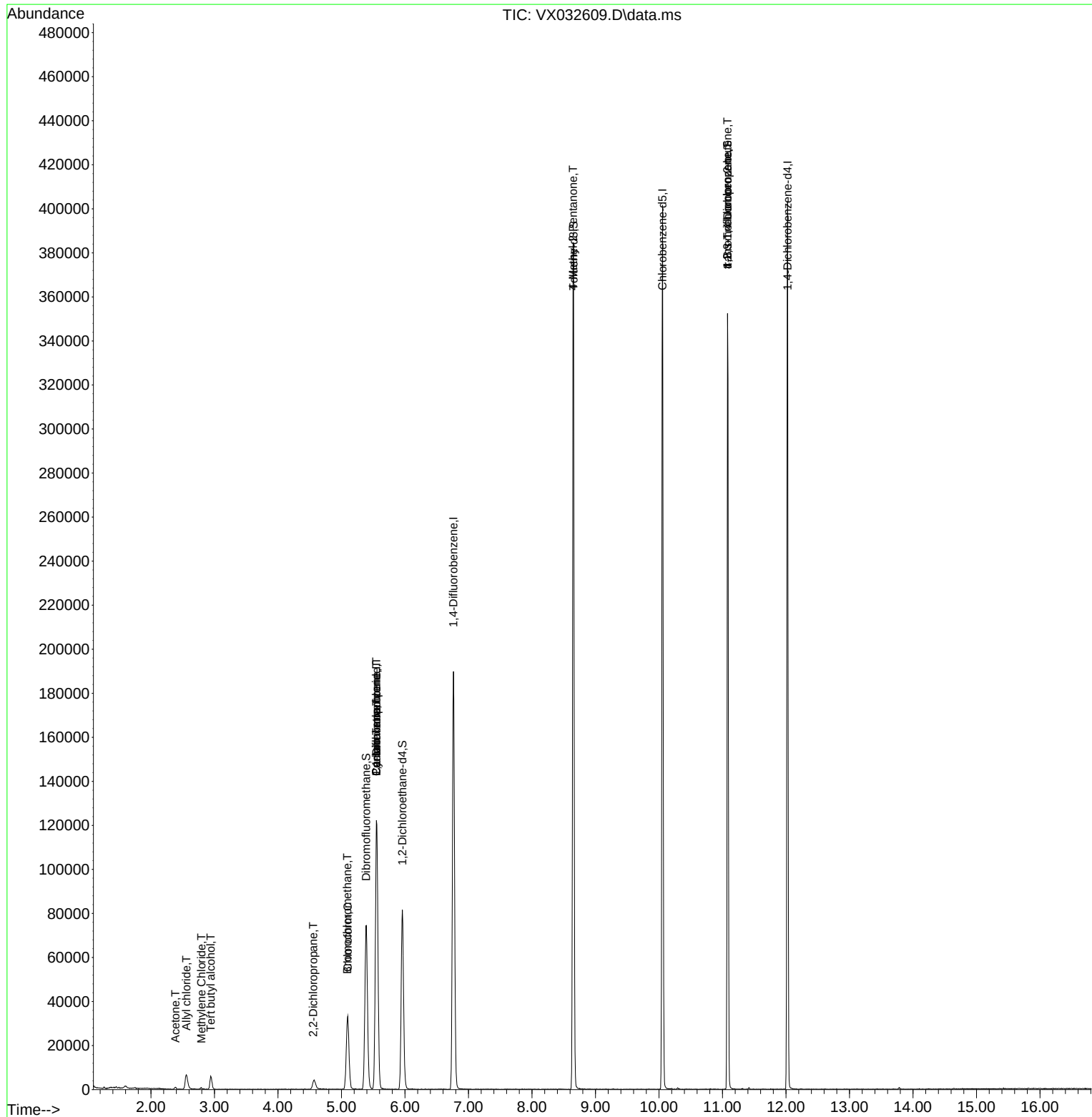
Internal Standards						
1) Pentafluorobenzene	5.550	168	116059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80777	50.091	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.180%	
35) Dibromofluoromethane	5.385	113	63217	46.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.760%	
50) Toluene-d8	8.653	98	231104	48.758	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	11.079	95	88127	47.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	3584	15.270	ug/l #	72
14) Allyl chloride	2.557	41	1094	0.590	ug/l #	71
16) Acetone	2.386	43	1110	1.894	ug/l	96
20) Methylene Chloride	2.794	84	438	0.326	ug/l #	66
26) 2,2-Dichloropropane	4.556	77	414	0.226	ug/l #	53
28) Bromochloromethane	5.093	49	3323	4.041	ug/l #	9
30) Chloroform	5.099	83	38912	15.362	ug/l	94
31) Cyclohexane	5.550	56	2559	1.309	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	9079	4.783	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11818	5.613	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1032	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48616	26.715	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48616	85.007	ug/l #	6

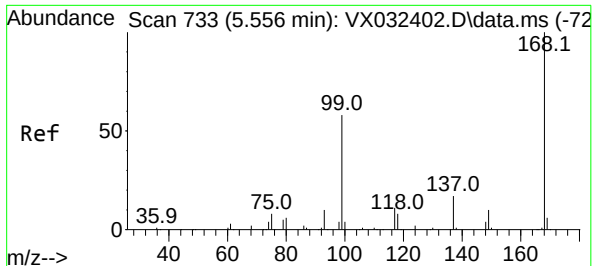
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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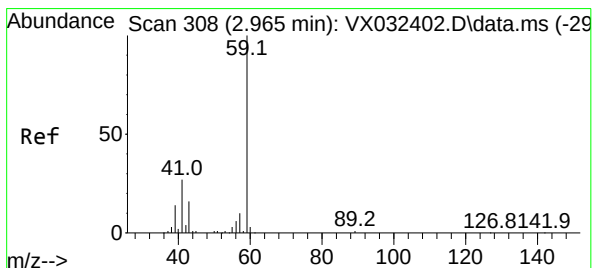
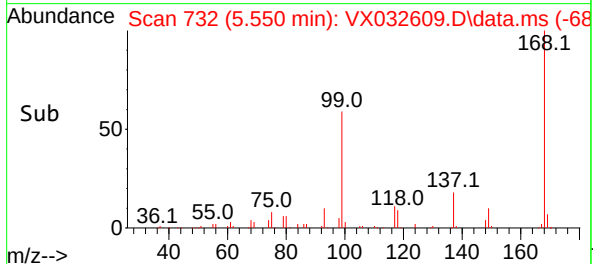
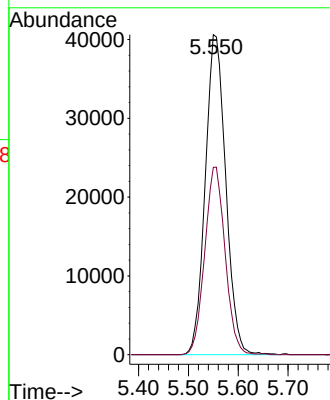
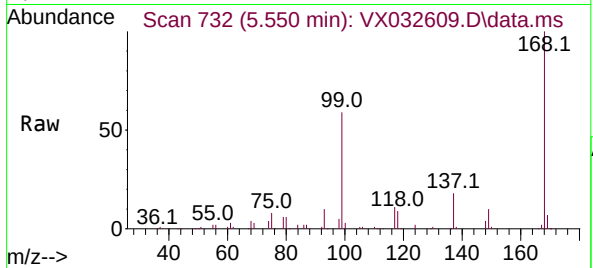




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

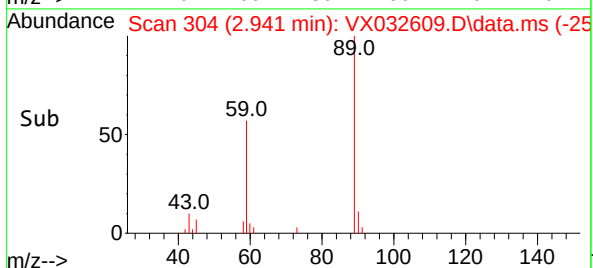
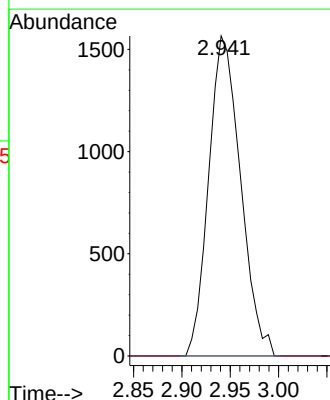
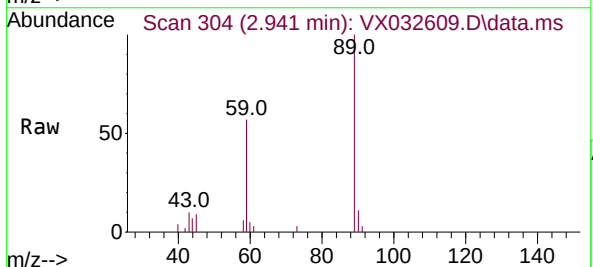
Instrument :
MSVOA_X
ClientSampleId :

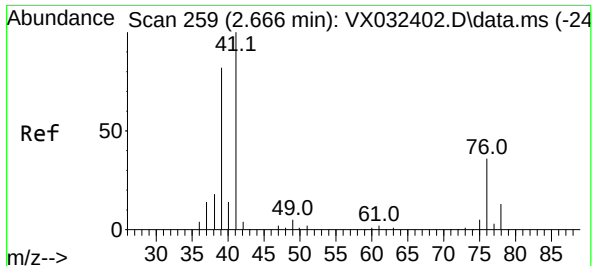
Tgt Ion:168 Resp: 116059
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 15.270 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

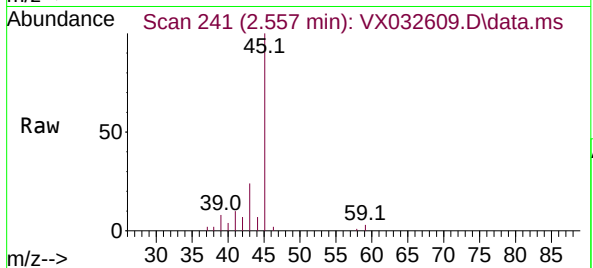
Tgt Ion: 59 Resp: 3584
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



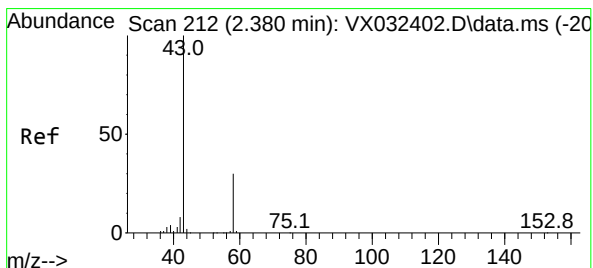
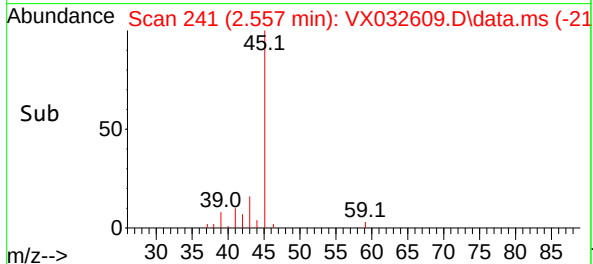
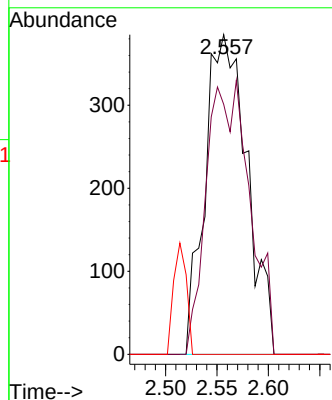


#14
 Allyl chloride
 Concen: 0.590 ug/l
 RT: 2.557 min Scan# 241
 Delta R.T. -0.110 min
 Lab File: VX032609.D
 Acq: 05 Nov 2022 06:43

Instrument :
 MSVOA_X
 ClientSampleId :

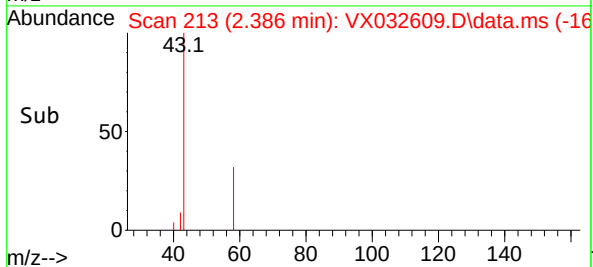
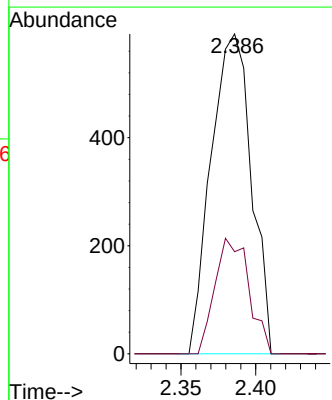
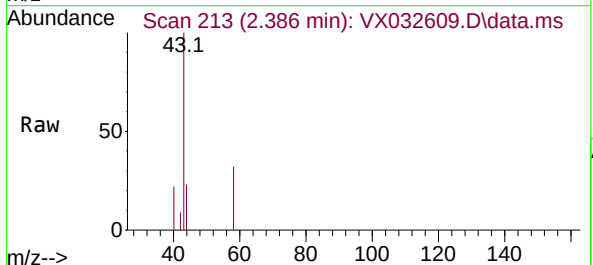


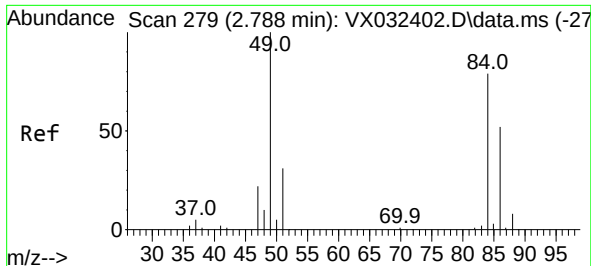
Tgt Ion: 41 Resp: 1094
 Ion Ratio Lower Upper
 41 100
 39 87.9 61.4 92.2
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 1.894 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX032609.D
 Acq: 05 Nov 2022 06:43

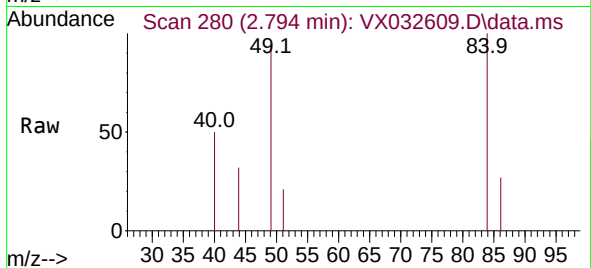
Tgt Ion: 43 Resp: 1110
 Ion Ratio Lower Upper
 43 100
 58 31.9 23.8 35.8



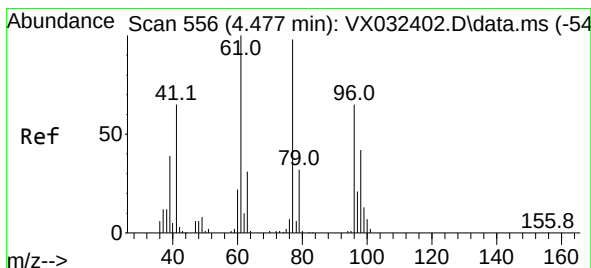
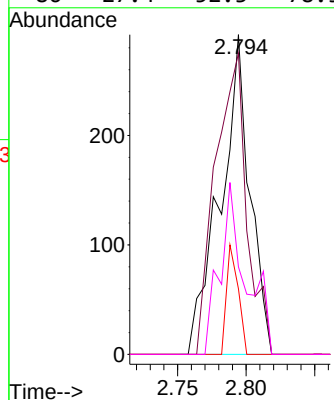


#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

Instrument :
MSVOA_X
ClientSampleId :

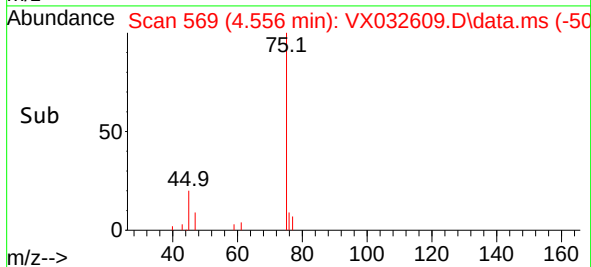
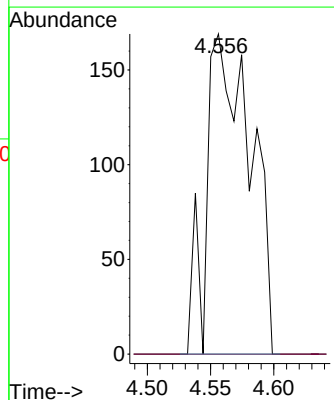
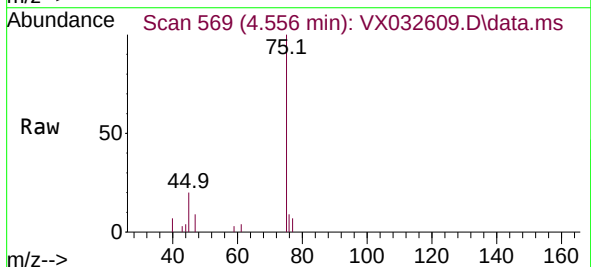


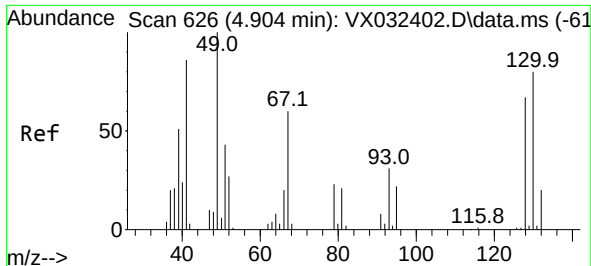
Tgt Ion:	84	Resp:	438
Ion	Ratio	Lower	Upper
84	100		
49	94.2	101.0	151.6#
51	20.5	31.1	46.7#
86	27.4	52.3	78.5#



#26
2,2-Dichloropropane
Concen: 0.226 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.079 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

Tgt Ion:	77	Resp:	414
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.1#

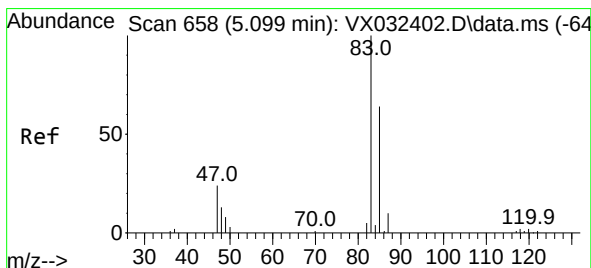
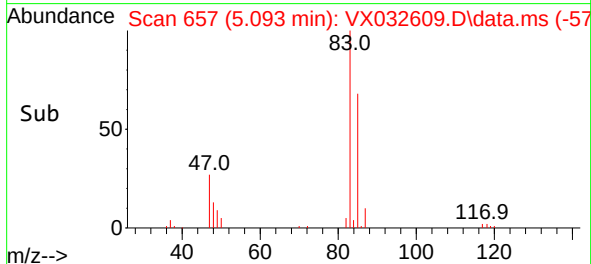
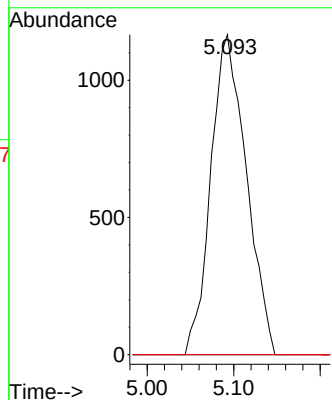
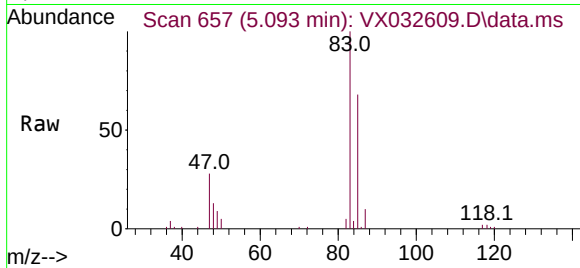




#28
Bromochloromethane
Concen: 4.041 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

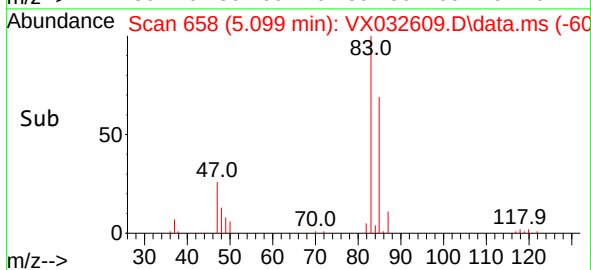
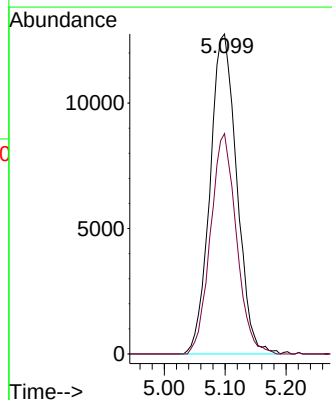
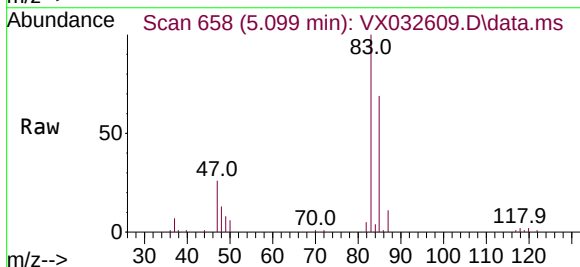
Instrument :
MSVOA_X
ClientSampleId :

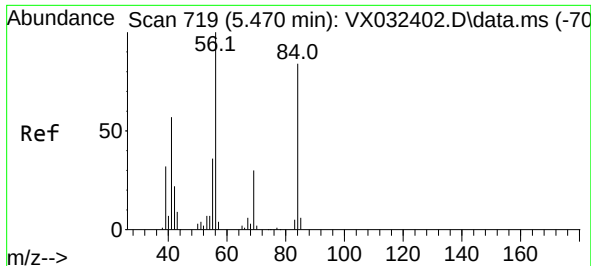
Tgt Ion: 49 Resp: 3323
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 15.362 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

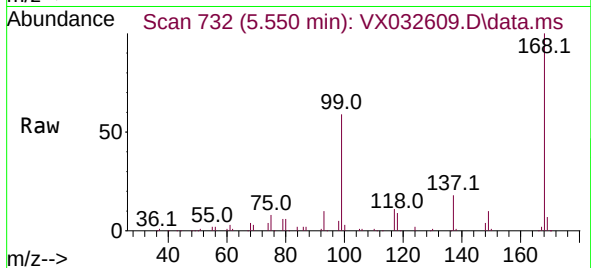
Tgt Ion: 83 Resp: 38912
Ion Ratio Lower Upper
83 100
85 68.9 51.1 76.7



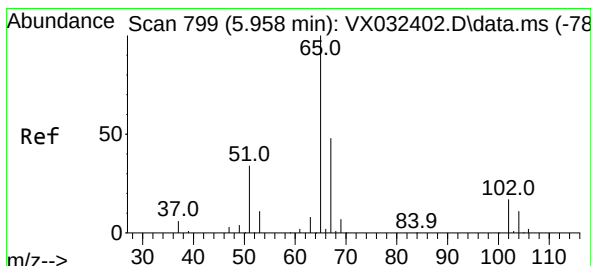
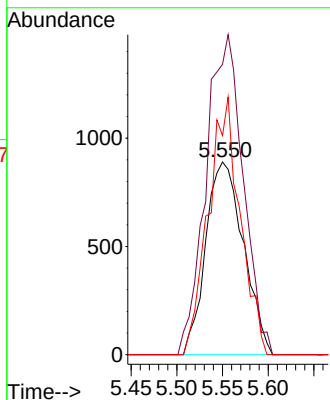
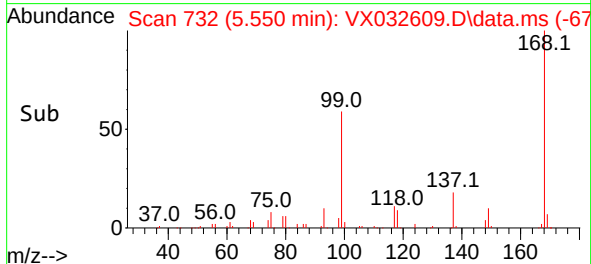


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

Instrument :
MSVOA_X
ClientSampleId :

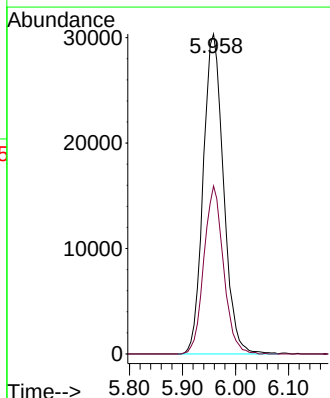
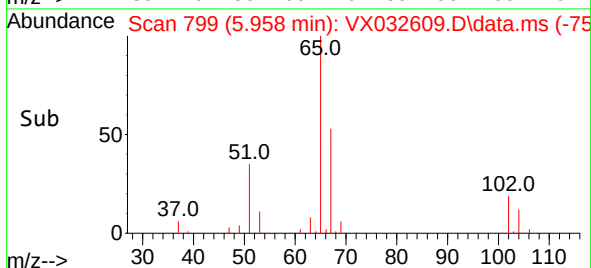
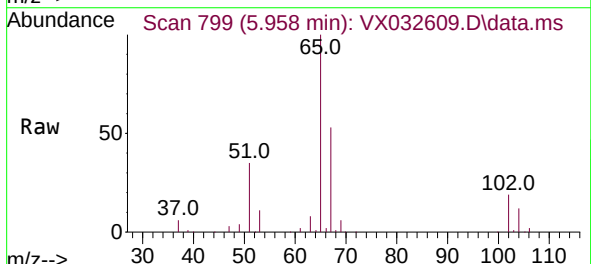


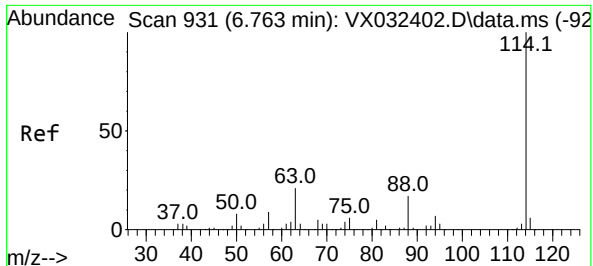
Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 150.7 24.1 36.1#
84 113.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.091 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

Tgt Ion: 65 Resp: 80777
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

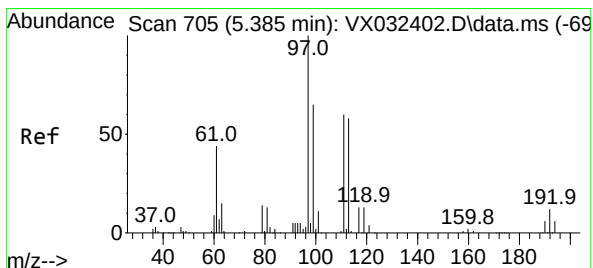
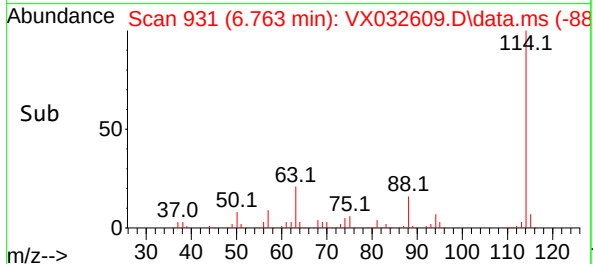
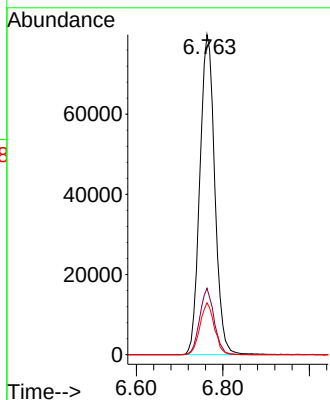
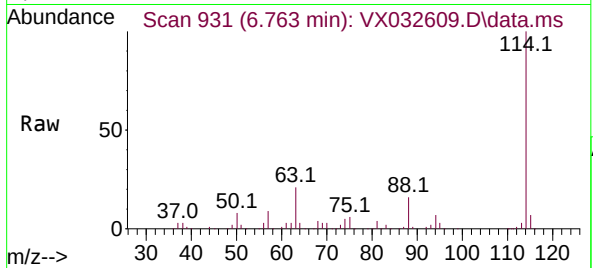




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

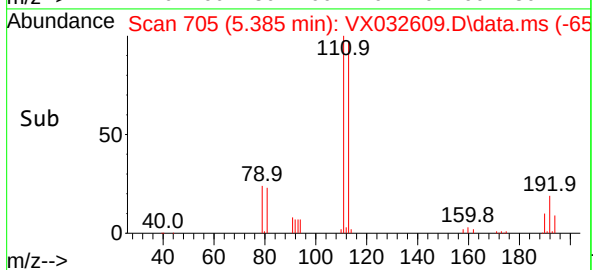
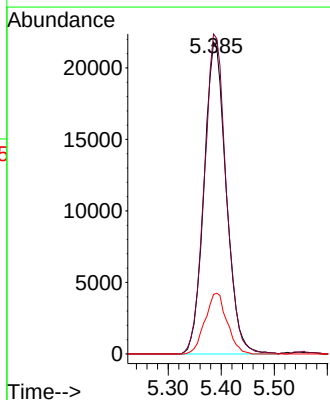
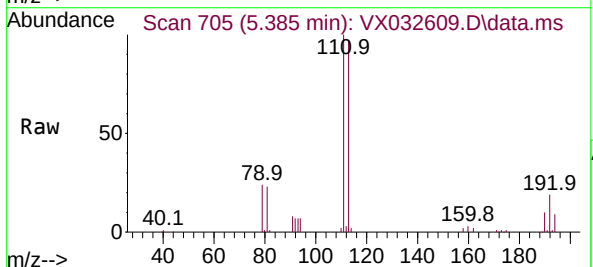
Instrument :
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ClientSampleId :

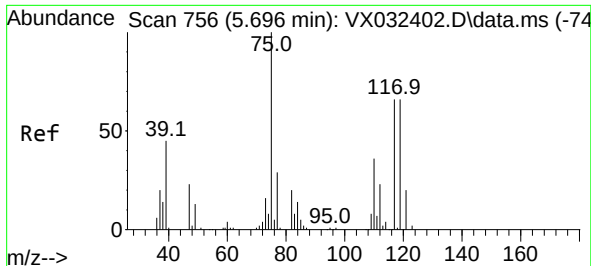
Tgt Ion:114 Resp: 191096
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.377 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

Tgt Ion:113 Resp: 63217
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.3 15.4 23.2

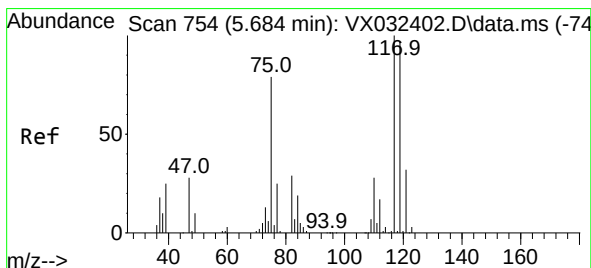
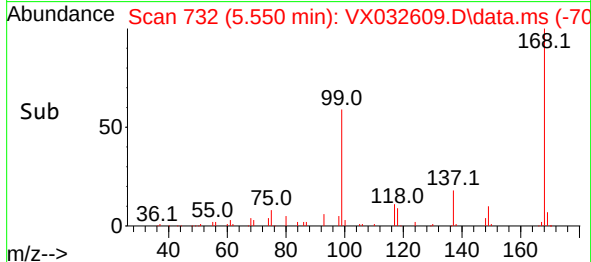
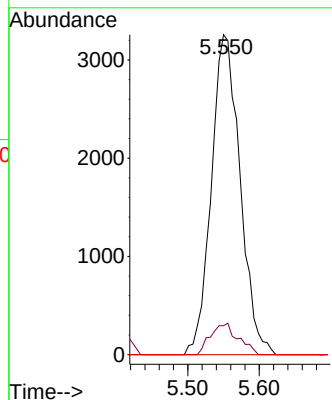
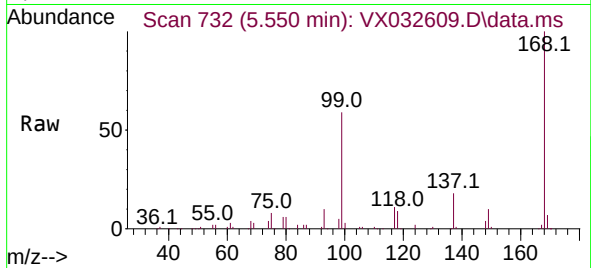




#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

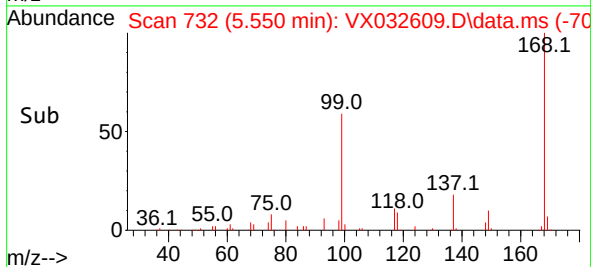
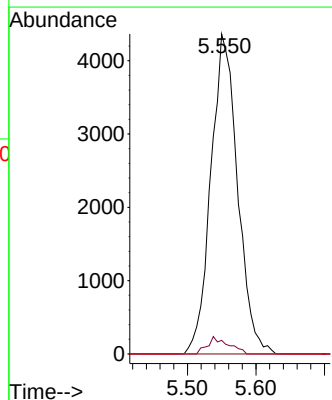
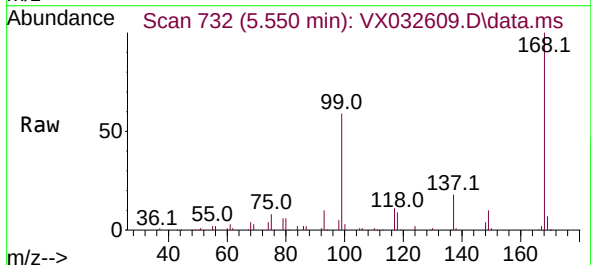
Instrument :
MSVOA_X
ClientSampleId :

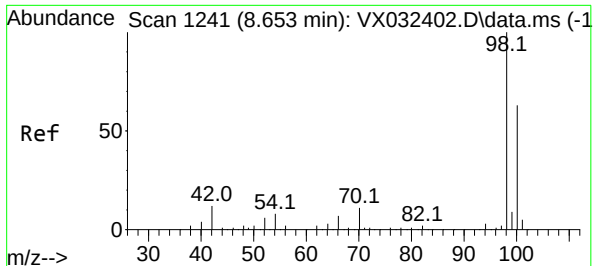
Tgt Ion: 75 Resp: 9079
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

Tgt Ion: 117 Resp: 11818
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#

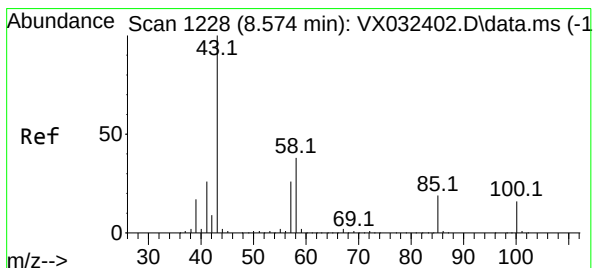
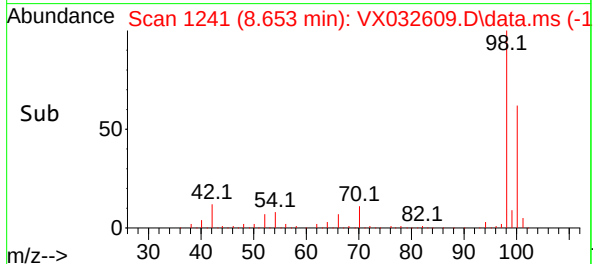
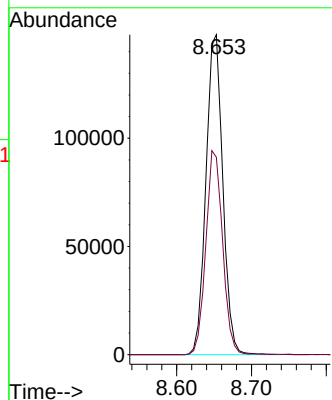
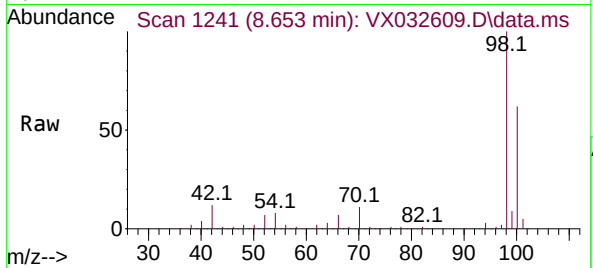




#50
Toluene-d8
Concen: 48.758 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

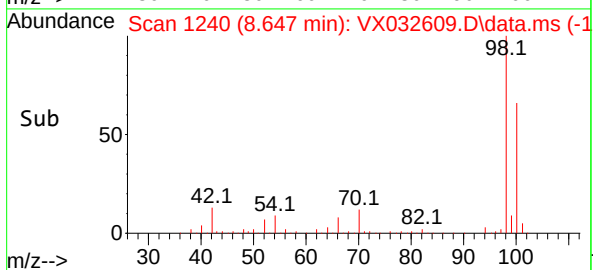
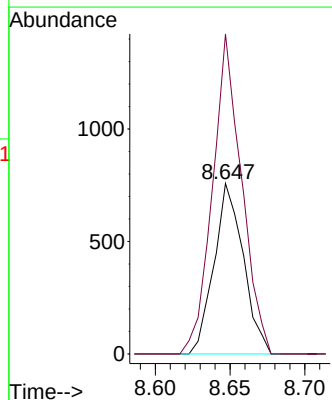
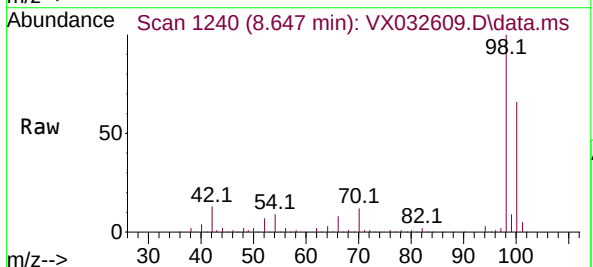
Instrument :
MSVOA_X
ClientSampleId :

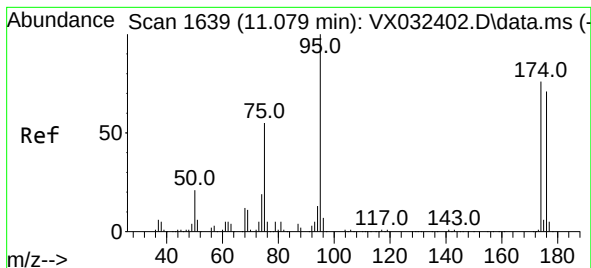
Tgt Ion: 98 Resp: 231104
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 186.3 30.9 46.3#

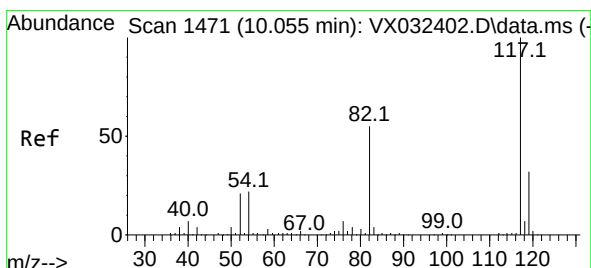
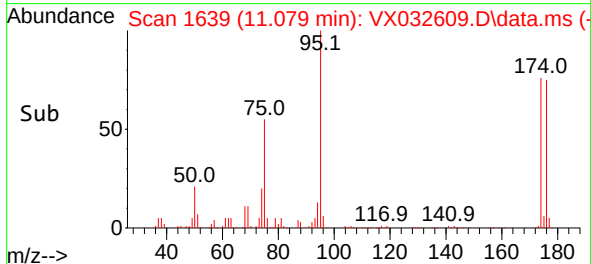
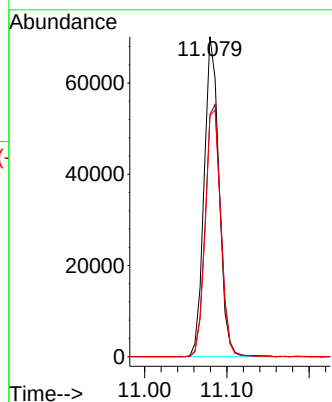
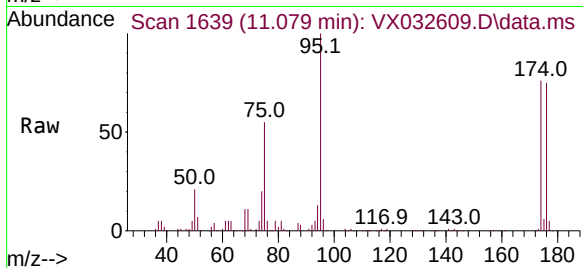




#62
4-Bromofluorobenzene
Concen: 47.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

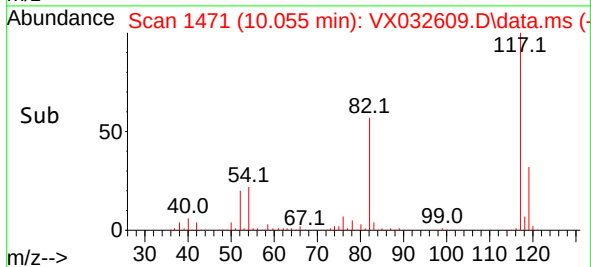
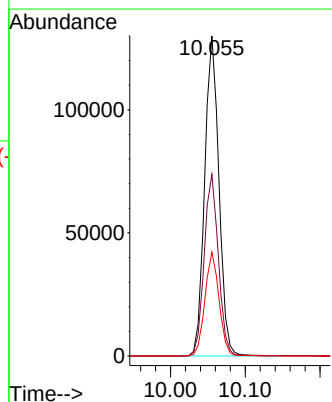
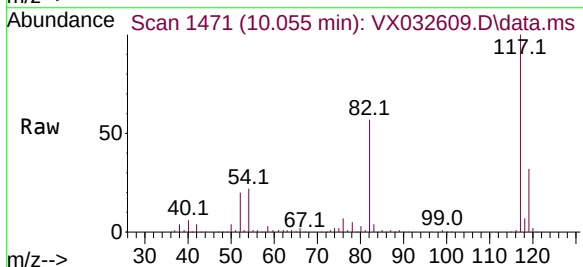
Instrument :
MSVOA_X
ClientSampleId :

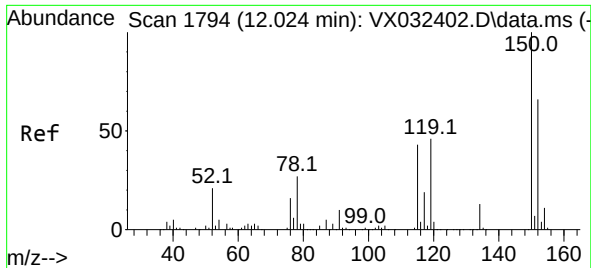
Tgt Ion: 95 Resp: 88127
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 80.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032609.D
Acq: 05 Nov 2022 06:43

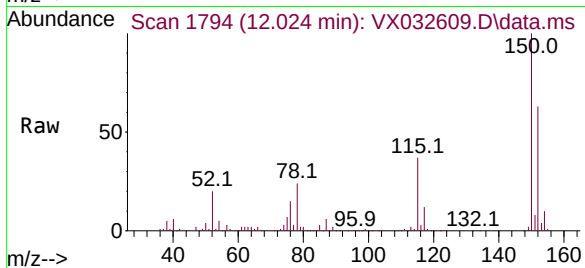
Tgt Ion: 117 Resp: 172071
Ion Ratio Lower Upper
117 100
82 56.8 44.3 66.5
119 32.5 25.7 38.5



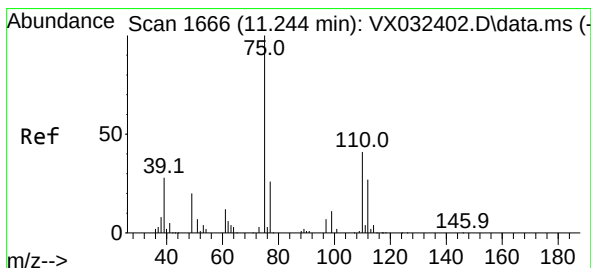
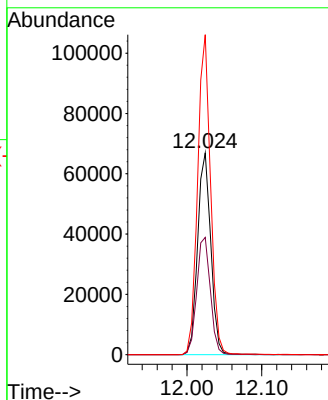
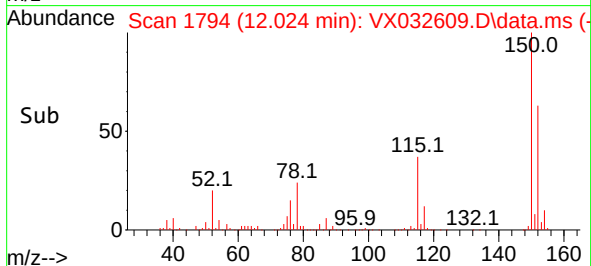


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032609.D
 Acq: 05 Nov 2022 06:43

Instrument :
 MSVOA_X
 ClientSampleId :

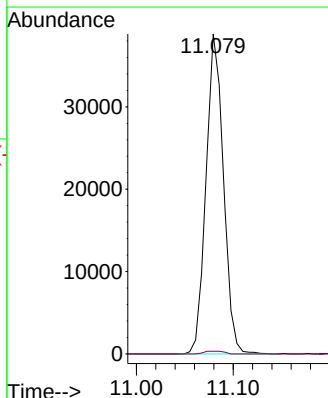
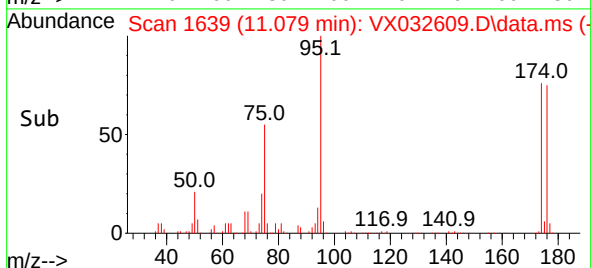
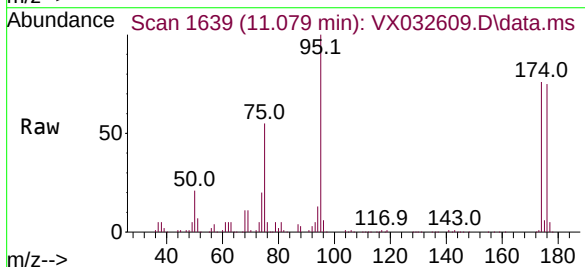


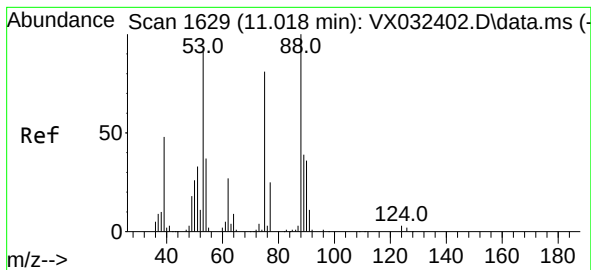
Tgt Ion:152 Resp: 81799
 Ion Ratio Lower Upper
 152 100
 115 60.2 44.0 132.0
 150 155.3 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.715 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX032609.D
 Acq: 05 Nov 2022 06:43

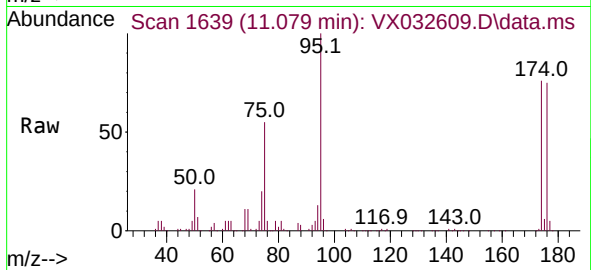
Tgt Ion: 75 Resp: 48616
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.007 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032609.D
 Acq: 05 Nov 2022 06:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 48616
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

