

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043262.D
 Acq On : 03 Oct 2024 15:12
 Operator : JC/MD
 Sample : P4231-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

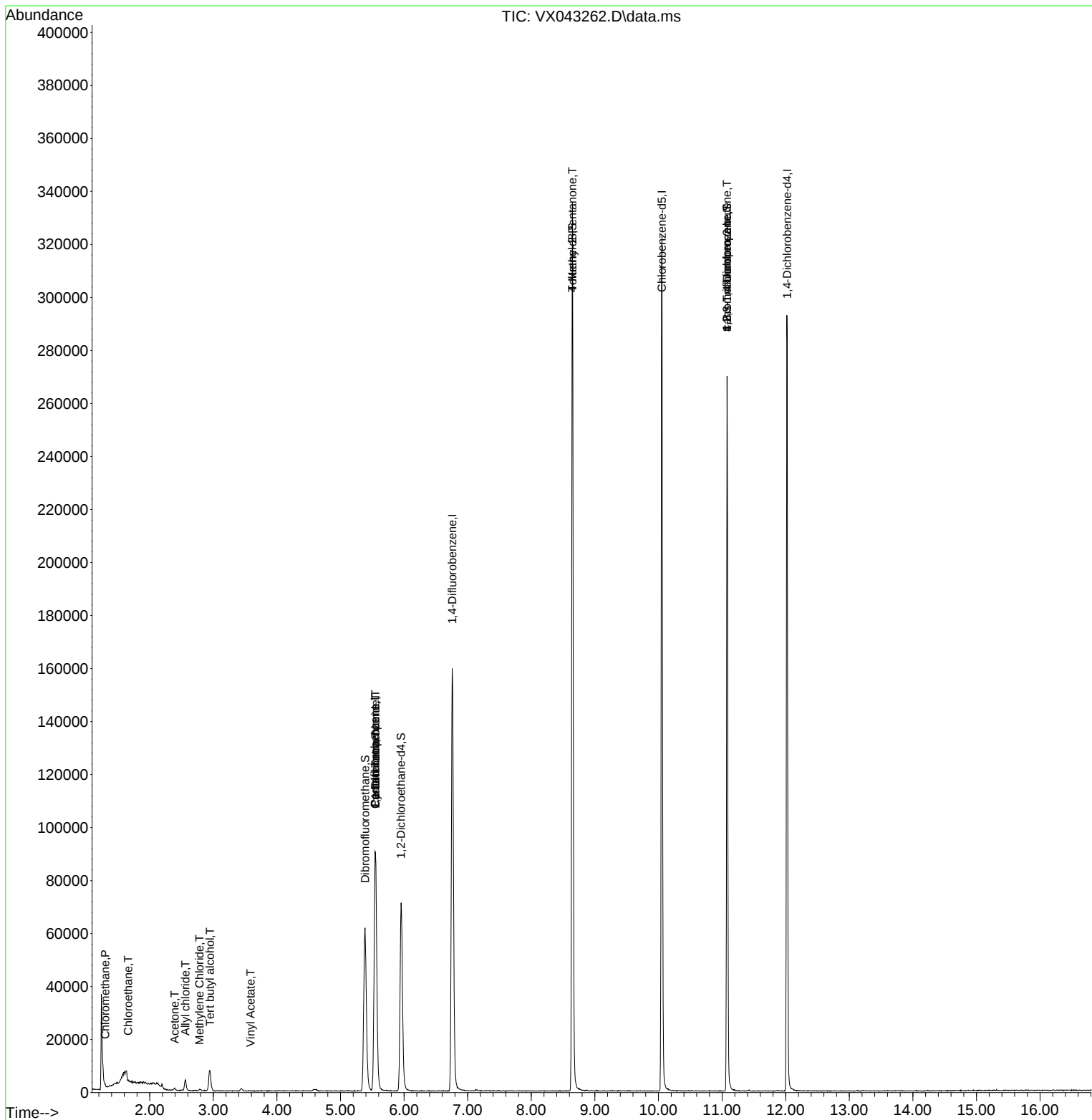
Quant Time: Oct 04 01:33:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73267	53.854	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.700%	
35) Dibromofluoromethane	5.385	113	53526	48.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.480%	
50) Toluene-d8	8.647	98	194233	50.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	11.079	95	69757	49.938	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	442	0.443	ug/l	93
6) Chloroethane	1.660	64	834	2.240	ug/l #	52
11) Tert butyl alcohol	2.947	59	4714	18.209	ug/l #	73
14) Allyl chloride	2.563	41	481	0.316	ug/l #	34
16) Acetone	2.392	43	1037	1.825	ug/l	93
20) Methylene Chloride	2.782	84	327	0.312	ug/l #	81
23) Vinyl Acetate	3.587	43	21	6.345	ug/l #	71
31) Cyclohexane	5.550	56	2025	1.379	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	7223	5.153	ug/l #	46
38) Carbon Tetrachloride	5.550	117	9607	5.790	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	939	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38405	28.948	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	38405	75.023	ug/l #	8

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

Quant Time: Oct 04 01:33:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

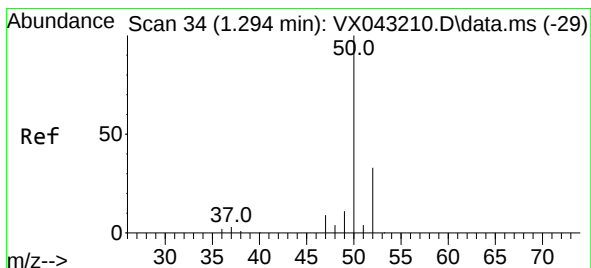
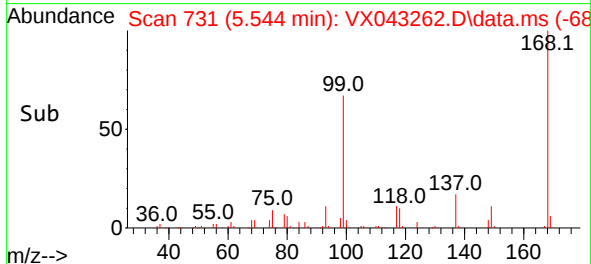
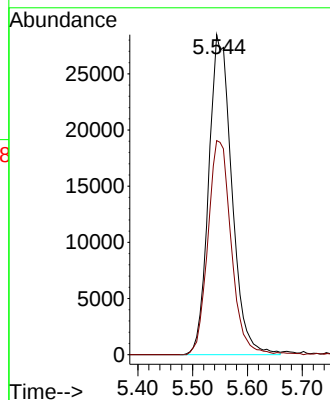
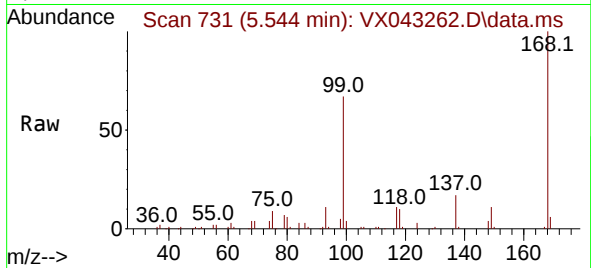




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

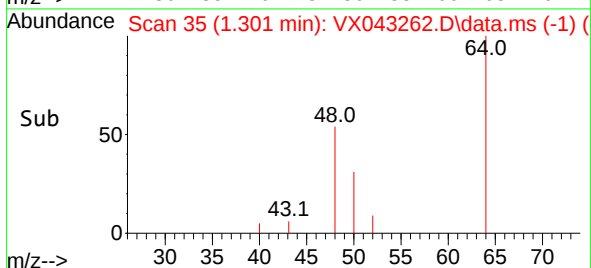
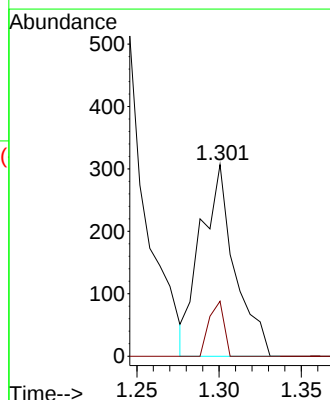
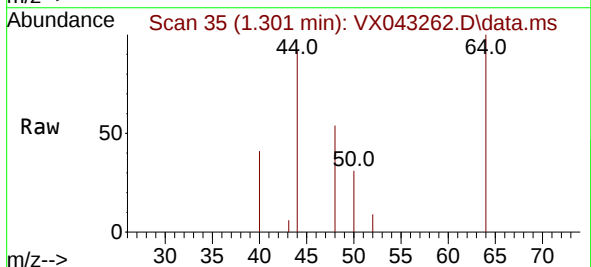
Instrument :
MSVOA_X
ClientSampleId :

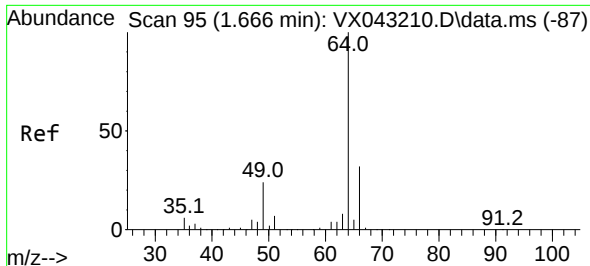
Tgt Ion:168 Resp: 83303
Ion Ratio Lower Upper
168 100
99 66.9 49.7 74.5



#3
Chloromethane
Concen: 0.443 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 28.7 26.1 39.1

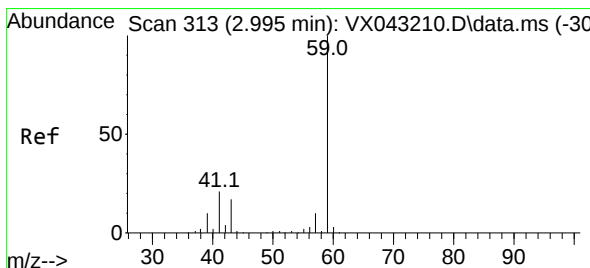
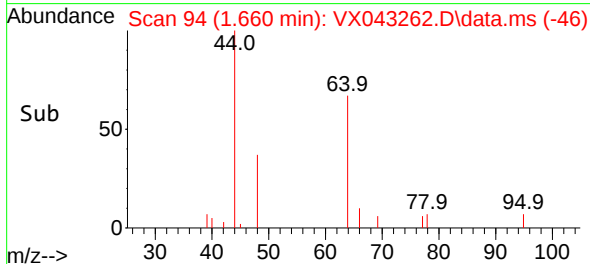
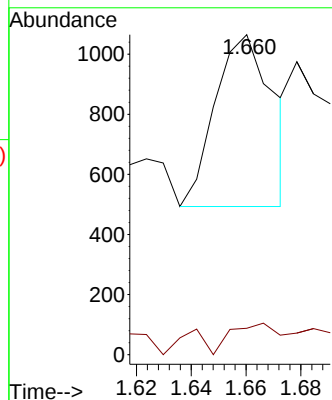
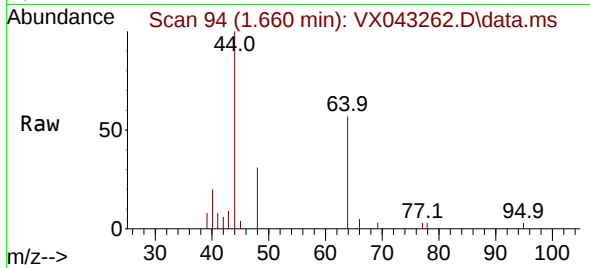




#6
Chloroethane
Concen: 2.240 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

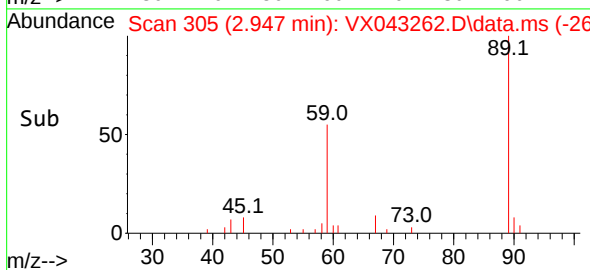
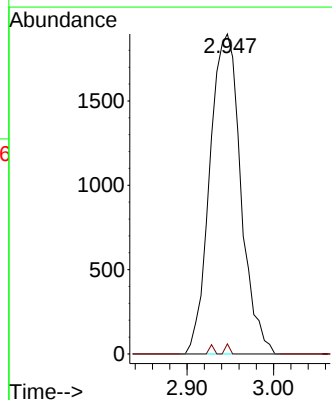
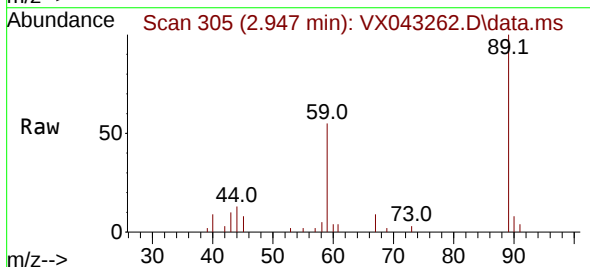
Instrument :
MSVOA_X
ClientSampleId :

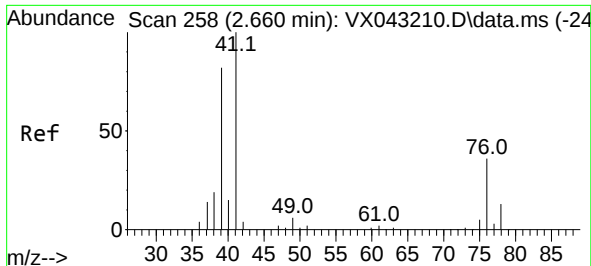
Tgt Ion: 64 Resp: 834
Ion Ratio Lower Upper
64 100
66 5.6 25.8 38.8#



#11
Tert butyl alcohol
Concen: 18.209 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

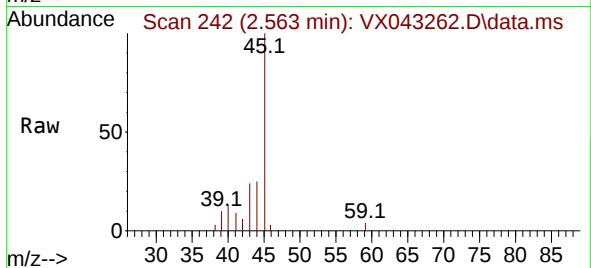
Tgt Ion: 59 Resp: 4714
Ion Ratio Lower Upper
59 100
57 0.5 8.6 13.0#



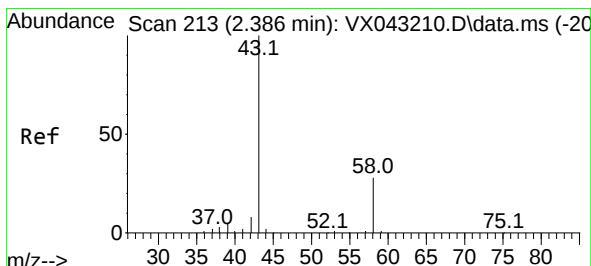
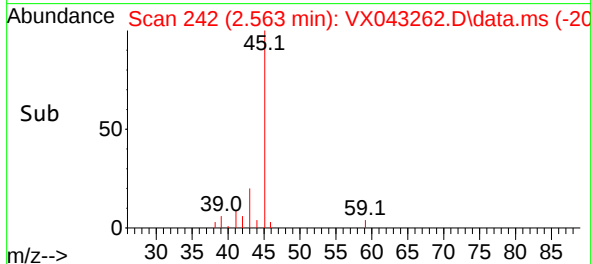
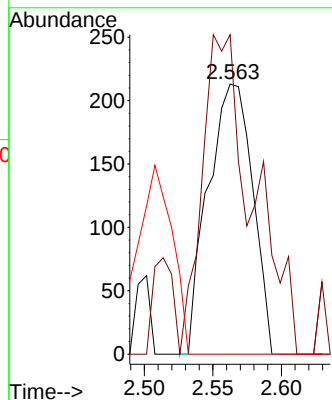


#14
 Allyl chloride
 Concen: 0.316 ug/l
 RT: 2.563 min Scan# 24
 Delta R.T. -0.098 min
 Lab File: VX043262.D
 Acq: 03 Oct 2024 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

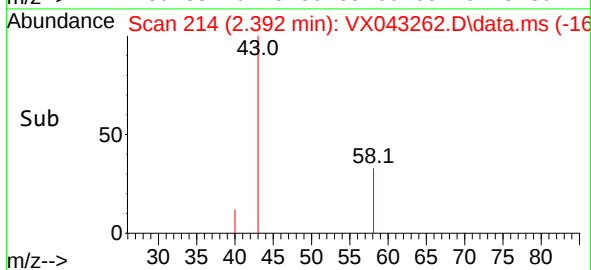
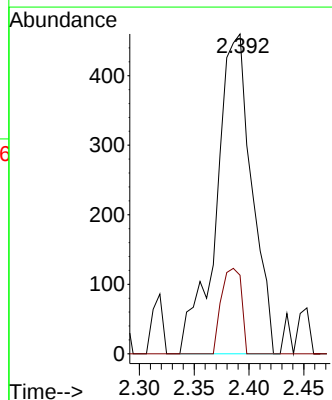
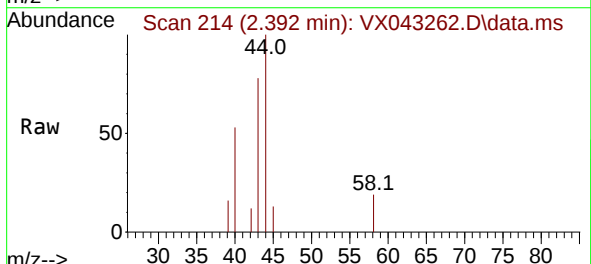


Tgt Ion	Ratio	Lower	Upper
41	100		
39	135.6	61.7	92.5#
76	0.0	28.6	43.0#



#16
 Acetone
 Concen: 1.825 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX043262.D
 Acq: 03 Oct 2024 15:12

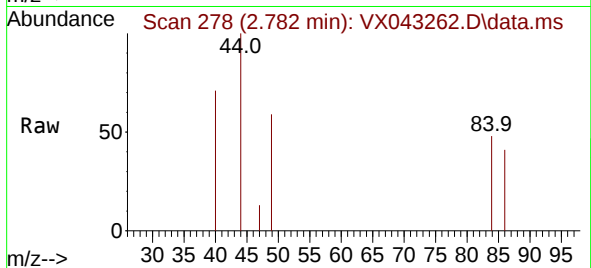
Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.6	22.6	33.8



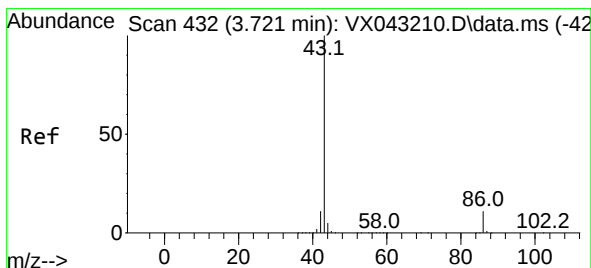
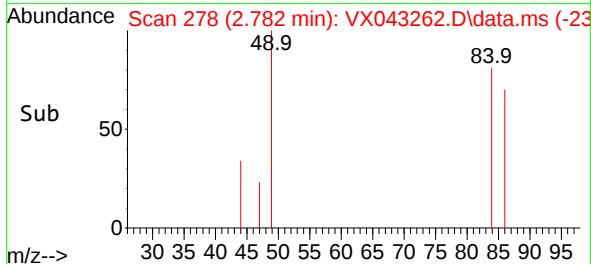
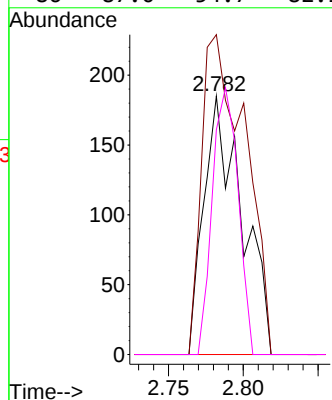


#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

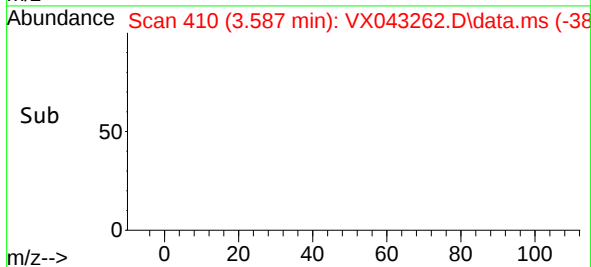
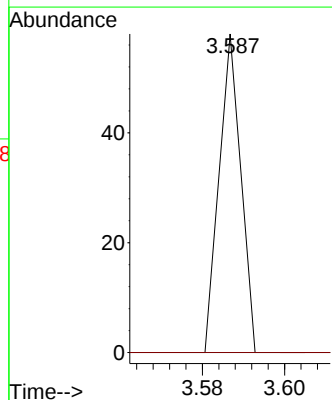
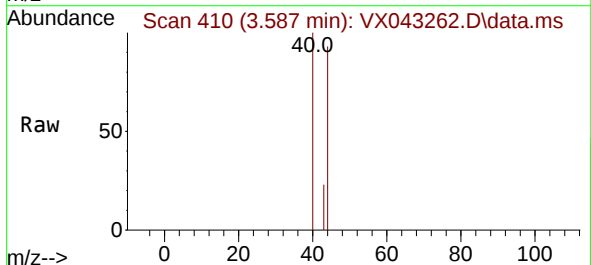


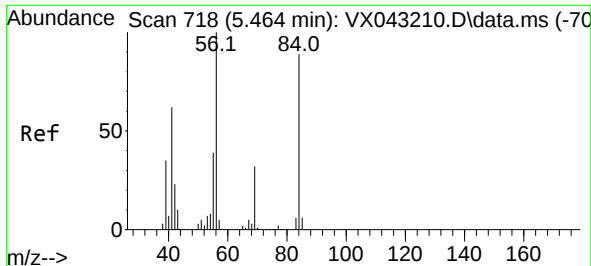
Tgt Ion:	84	Resp:	327
Ion	Ratio	Lower	Upper
84	100		
49	123.8	96.7	145.1
51	0.0	30.4	45.6#
86	87.0	54.7	82.1#



#23
Vinyl Acetate
Concen: 6.345 ug/l
RT: 3.587 min Scan# 410
Delta R.T. -0.134 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

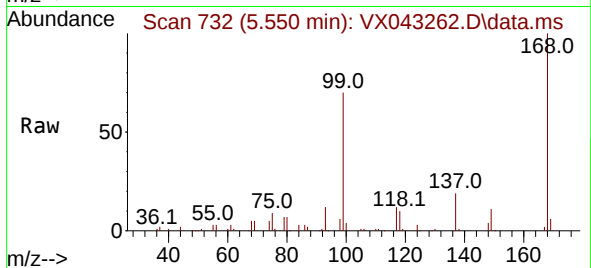
Tgt Ion:	43	Resp:	21
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#



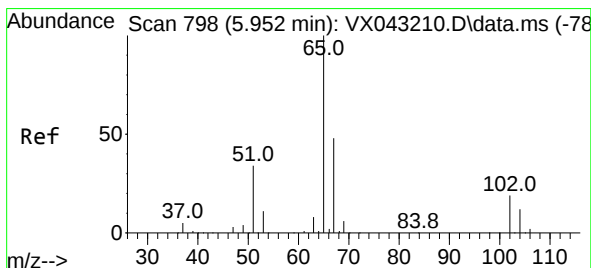
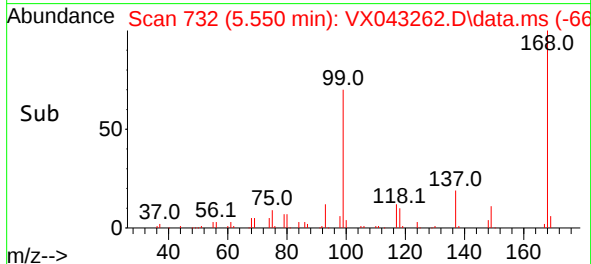
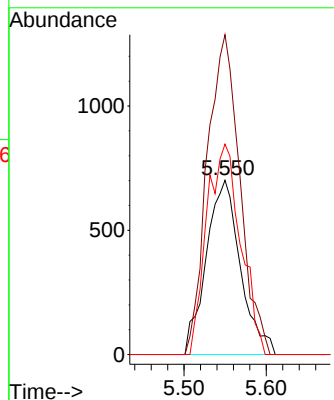


#31
Cyclohexane
Concen: 1.379 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

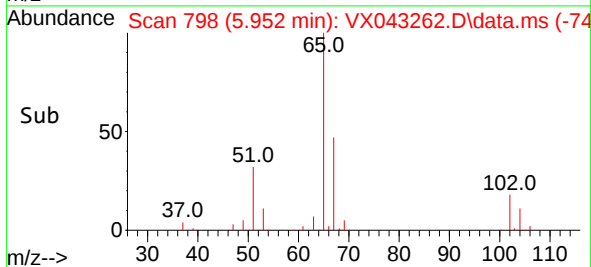
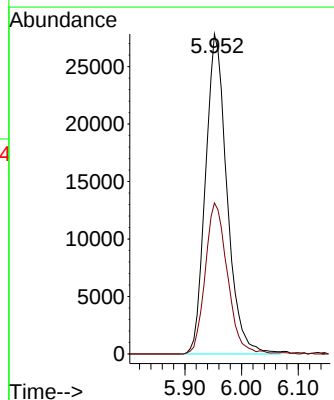
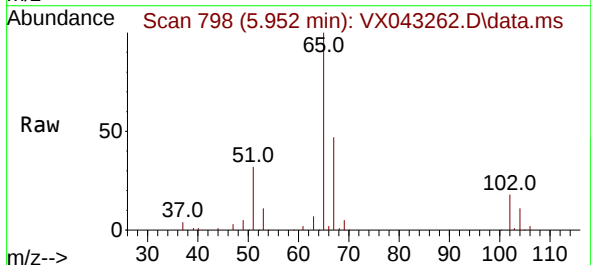


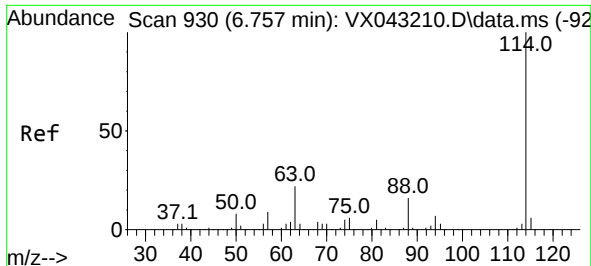
Tgt Ion: 56 Resp: 2025
Ion Ratio Lower Upper
56 100
69 183.6 25.8 38.6#
84 120.8 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 53.854 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

Tgt Ion: 65 Resp: 73267
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

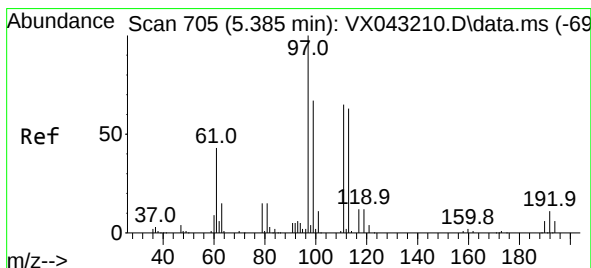
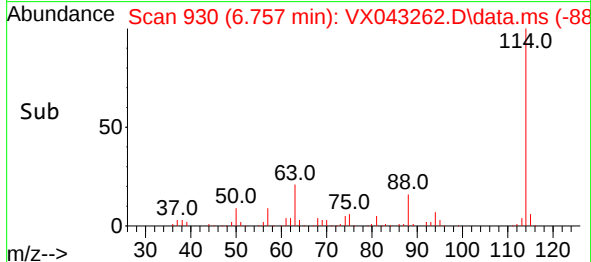
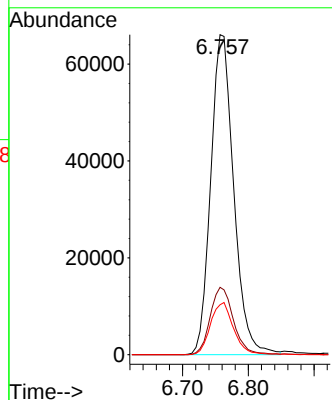
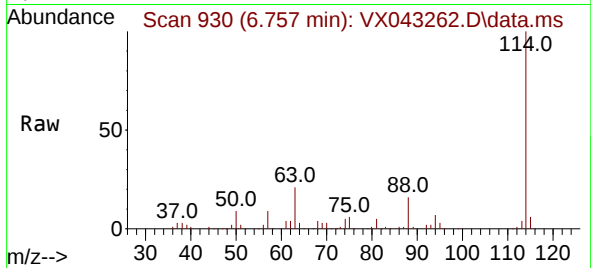




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

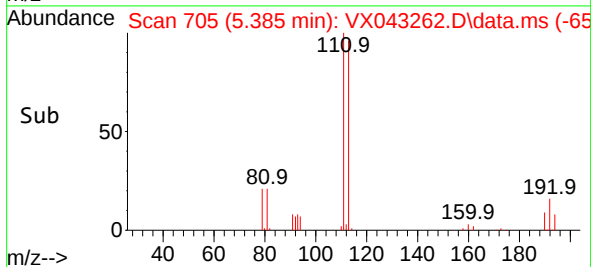
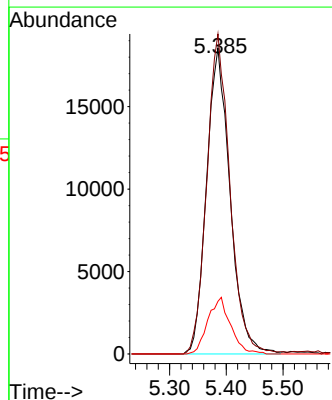
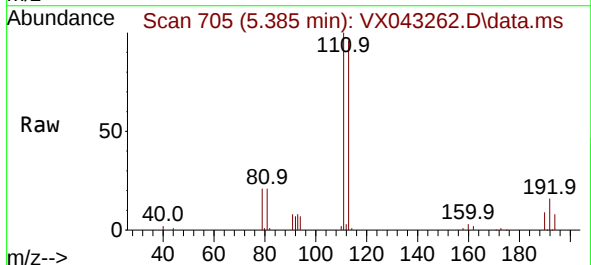
Instrument :
MSVOA_X
ClientSampleId :

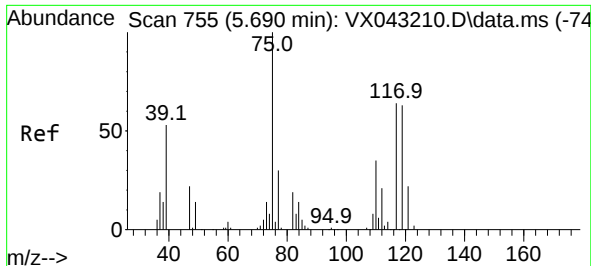
Tgt Ion:114 Resp: 160884
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.0
88 15.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.242 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

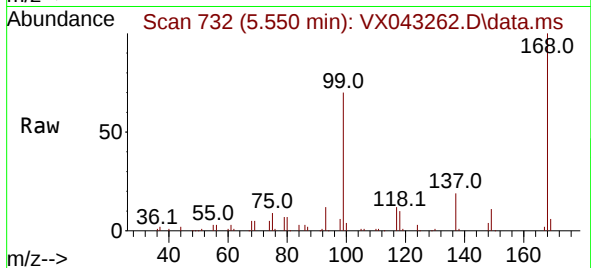
Tgt Ion:113 Resp: 53526
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.0
192 17.9 14.1 21.1



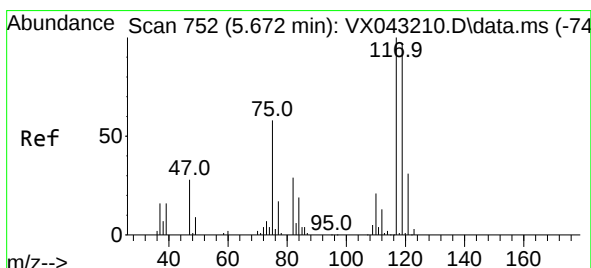
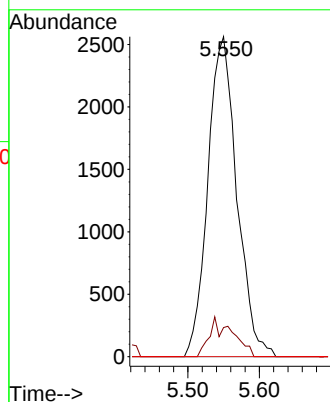
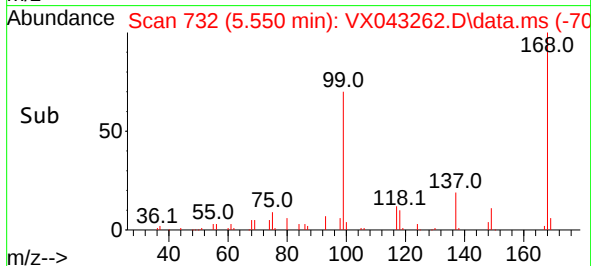


#36
 1,1-Dichloropropene
 Concen: 5.153 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.140 min
 Lab File: VX043262.D
 Acq: 03 Oct 2024 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

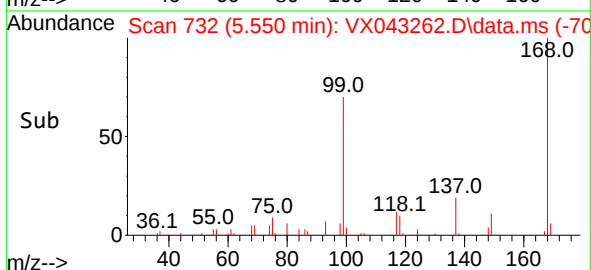
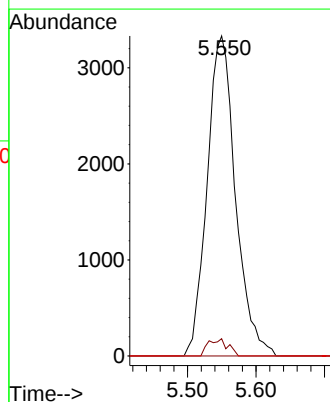
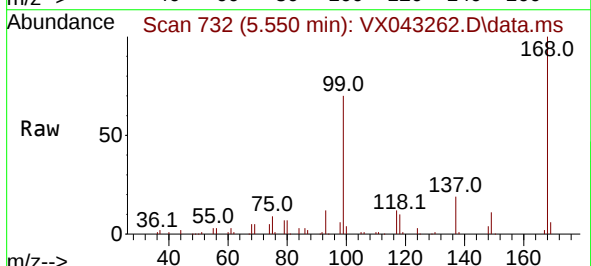


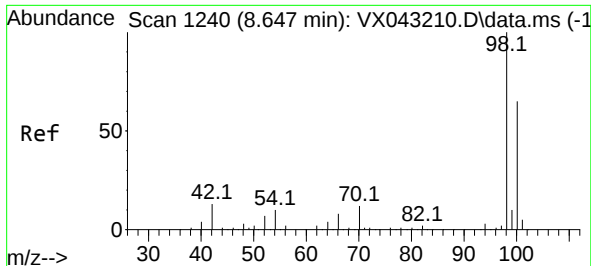
Tgt Ion: 75 Resp: 7223
 Ion Ratio Lower Upper
 75 100
 110 5.4 17.8 53.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.790 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX043262.D
 Acq: 03 Oct 2024 15:12

Tgt Ion: 117 Resp: 9607
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.7 116.5#
 121 0.0 24.3 36.5#

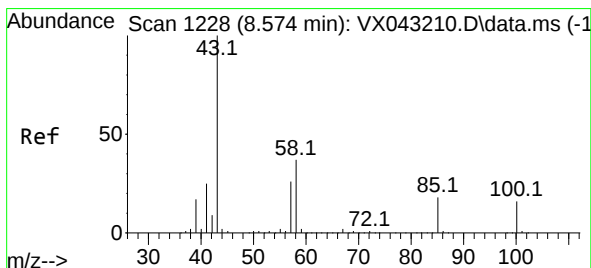
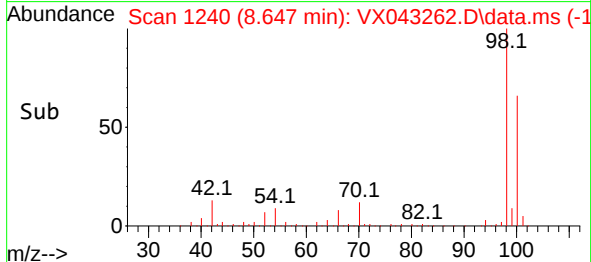
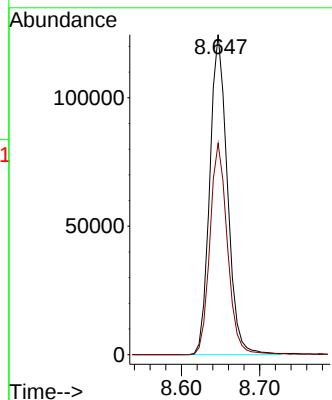
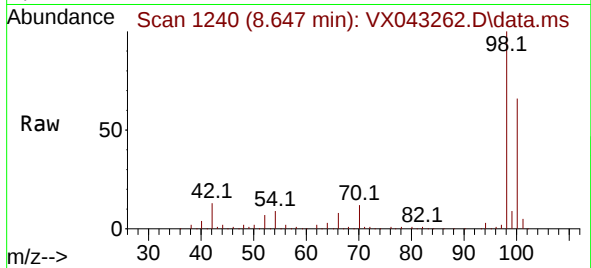




#50
Toluene-d8
Concen: 50.516 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

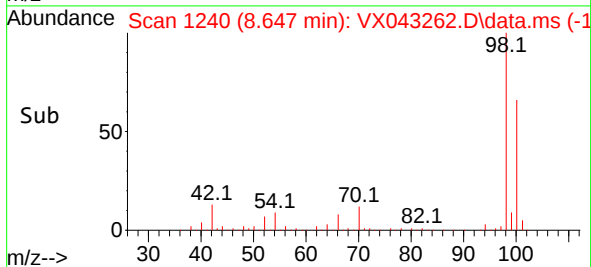
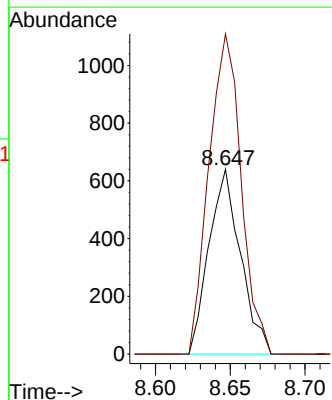
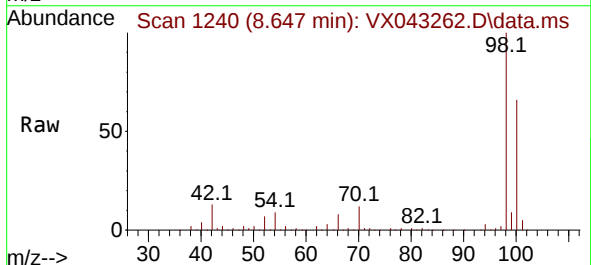
Instrument :
MSVOA_X
ClientSampleId :

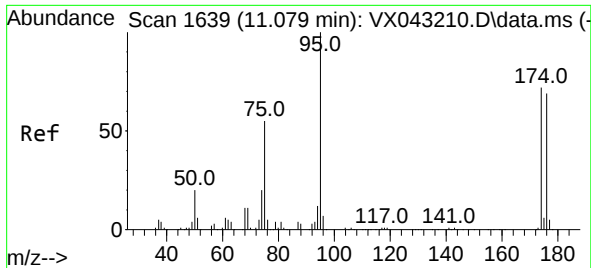
Tgt Ion: 98 Resp: 194233
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 177.4 30.0 45.0#

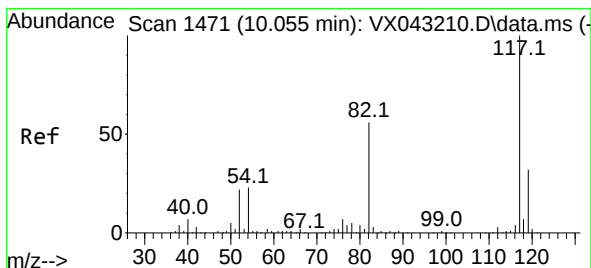
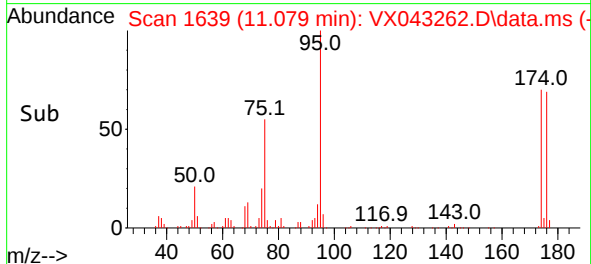
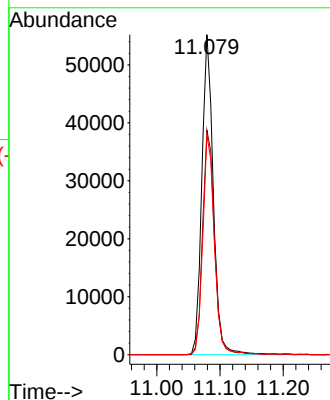
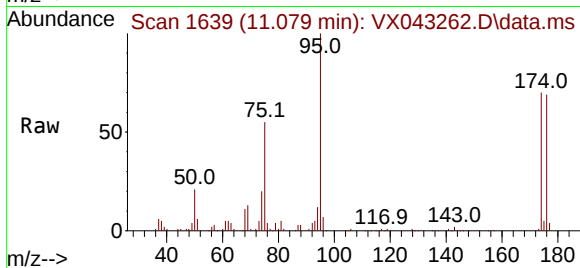




#62
4-Bromofluorobenzene
Concen: 49.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

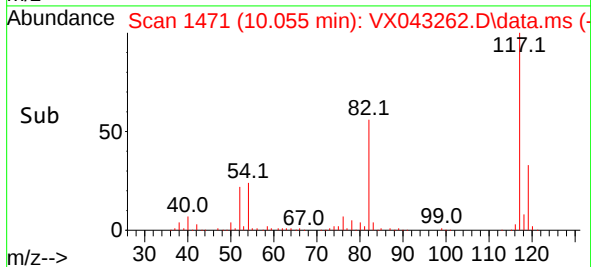
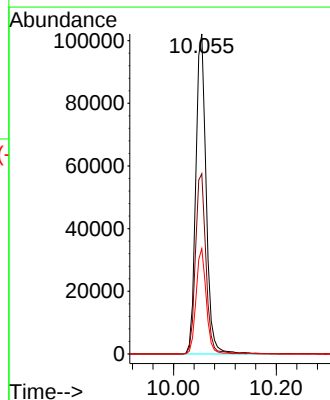
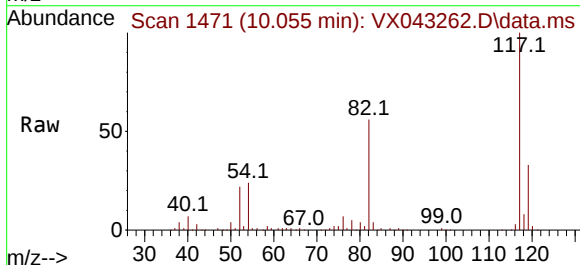
Instrument :
MSVOA_X
ClientSampleId :

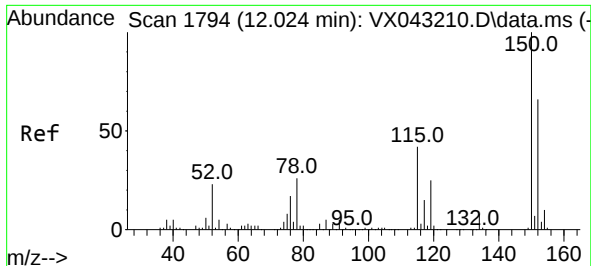
Tgt Ion: 95 Resp: 69757
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.0
176 69.5 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043262.D
Acq: 03 Oct 2024 15:12

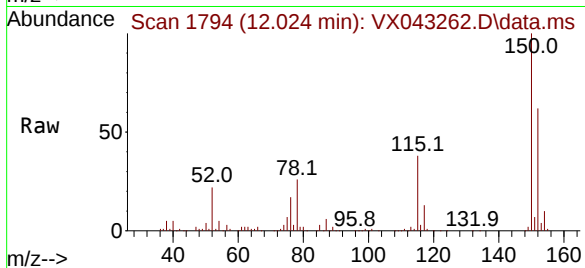
Tgt Ion: 117 Resp: 143569
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 32.9 25.3 37.9



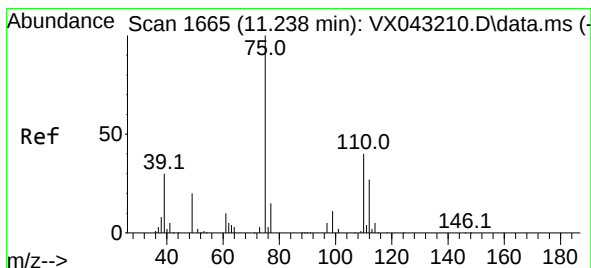
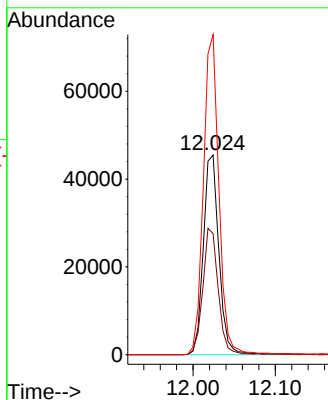
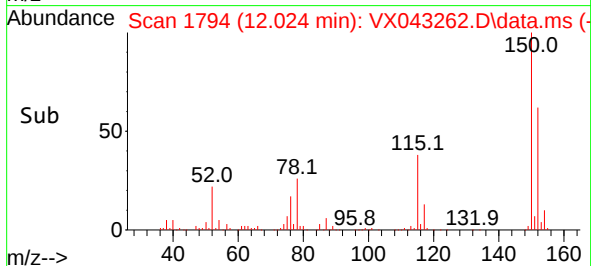


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043262.D
 Acq: 03 Oct 2024 15:12

Instrument :
 MSVOA_X
 ClientSampleId :

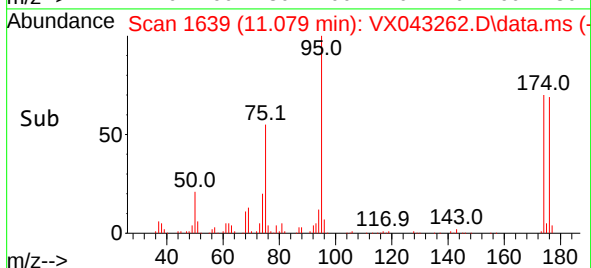
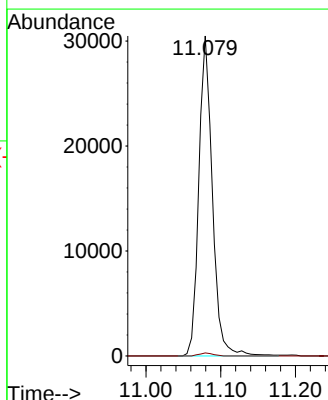
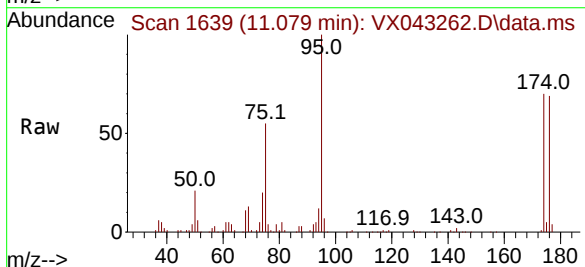


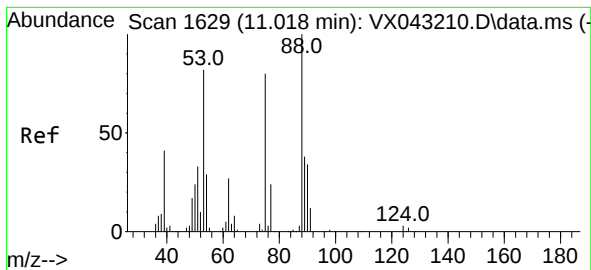
Tgt Ion:152 Resp: 59812
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.1 132.3
 150 160.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 28.948 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043262.D
 Acq: 03 Oct 2024 15:12

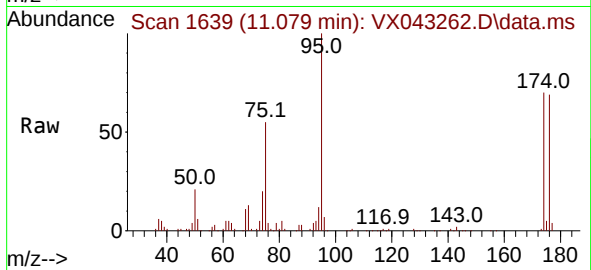
Tgt Ion: 75 Resp: 38405
 Ion Ratio Lower Upper
 75 100
 77 0.9 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.023 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043262.D
 Acq: 03 Oct 2024 15:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 38405
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

