

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043318.D
 Acq On : 08 Oct 2024 12:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 01:35:41 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)

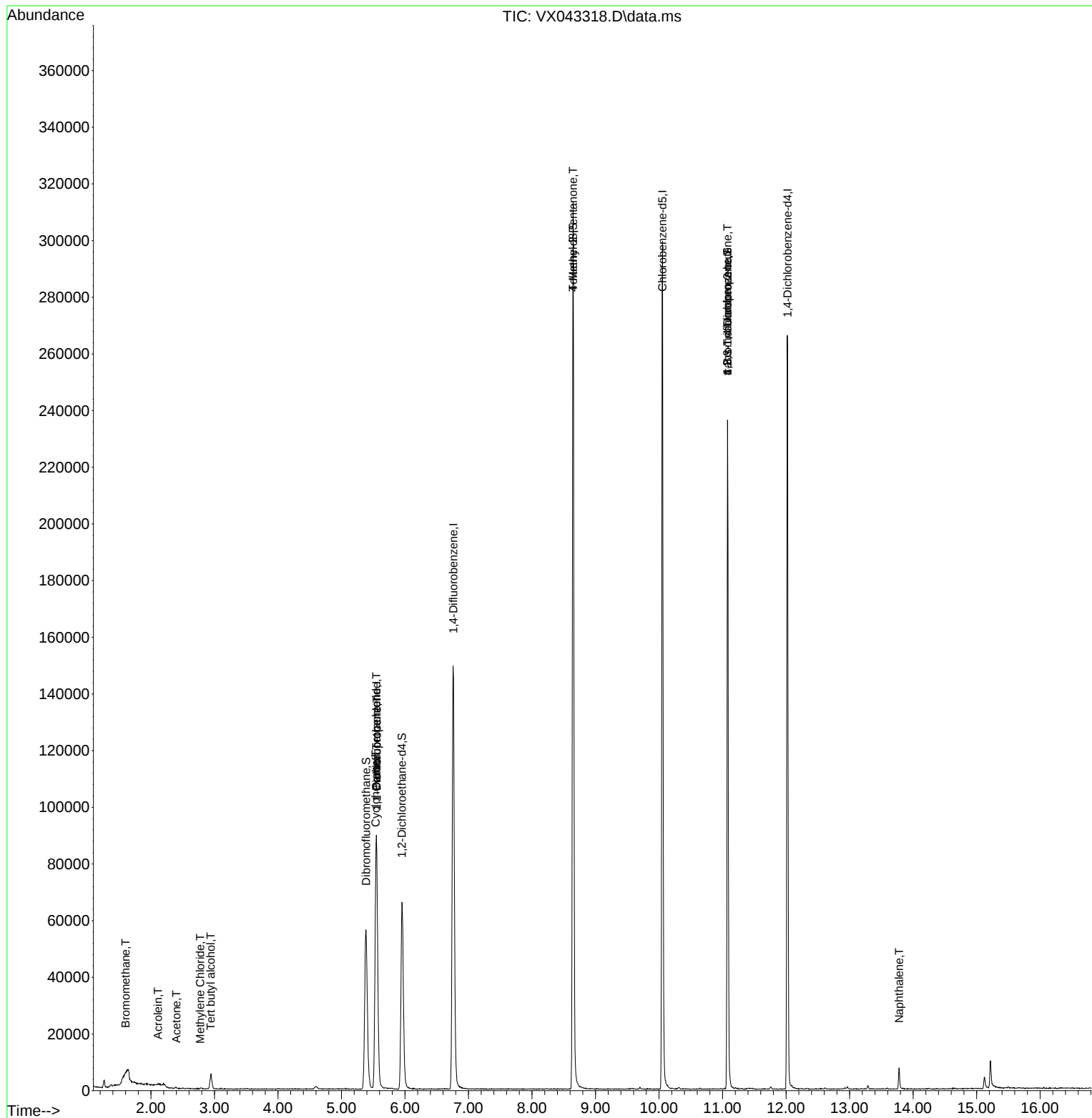
Internal Standards						
1) Pentafluorobenzene	5.550	168	81315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67837	51.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.160%	
35) Dibromofluoromethane	5.385	113	49804	47.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.800%	
50) Toluene-d8	8.647	98	180468	49.562	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	11.079	95	63488	47.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	86	0.216	ug/l #	75
11) Tert butyl alcohol	2.940	59	2800	11.080	ug/l #	71
13) Acrolein	2.111	56	68	0.285	ug/l #	1
16) Acetone	2.398	43	574	1.035	ug/l	93
20) Methylene Chloride	2.776	84	248	0.243	ug/l #	61
31) Cyclohexane	5.538	56	2039	1.423	ug/l #	55
36) 1,1-Dichloropropene	5.556	75	7174	5.405	ug/l #	46
38) Carbon Tetrachloride	5.550	117	9132	5.811	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	912	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34707	28.479	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	34707	73.807	ug/l #	8
95) Naphthalene	13.780	128	5510	1.388	ug/l	95

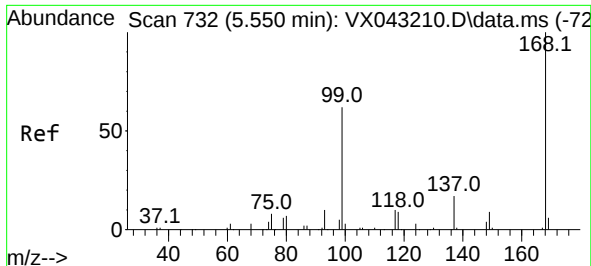
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
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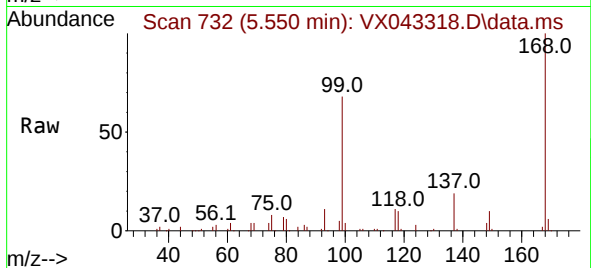


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

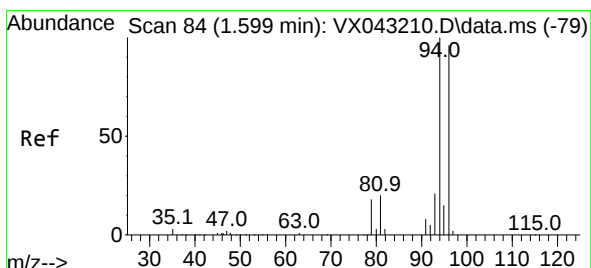
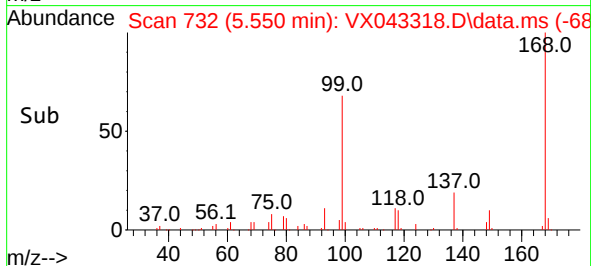
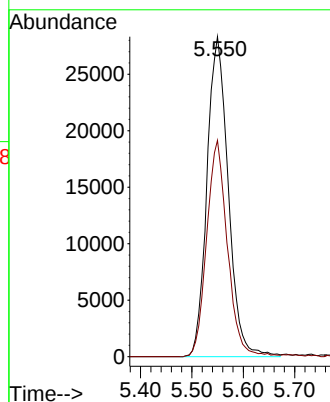
Instrument :

MSVOA_X

ClientSampleId :

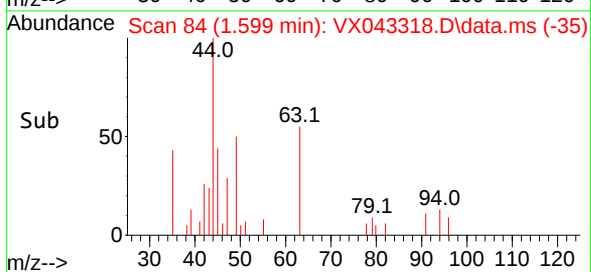
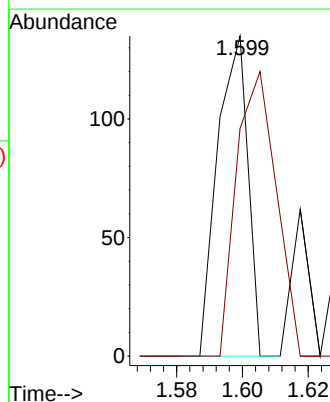
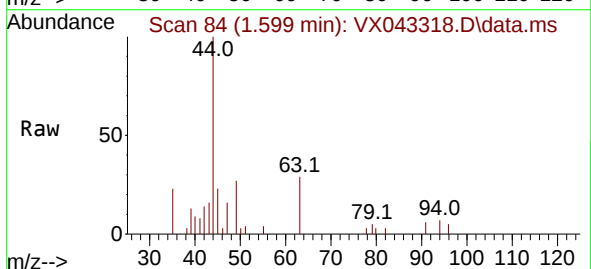


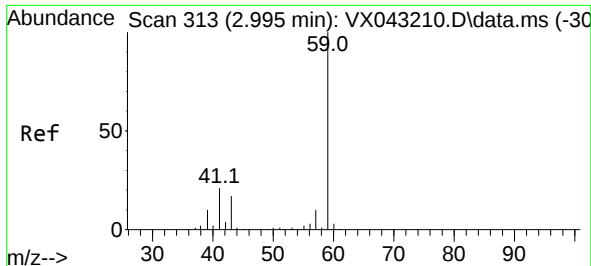
Tgt Ion:168 Resp: 81315
Ion Ratio Lower Upper
168 100
99 67.6 49.7 74.5



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 71.1 76.6 115.0#

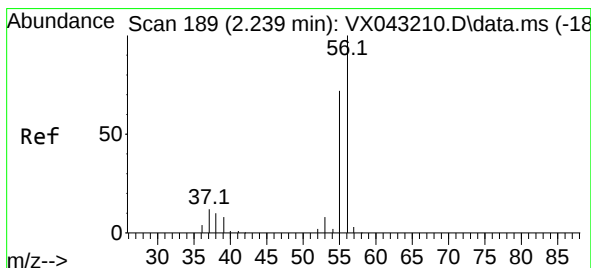
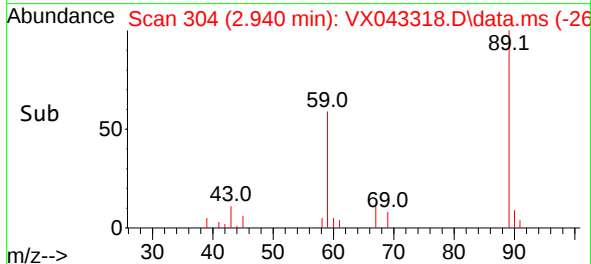
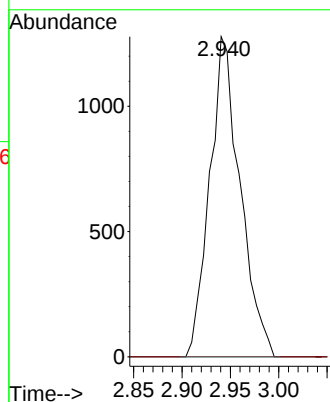
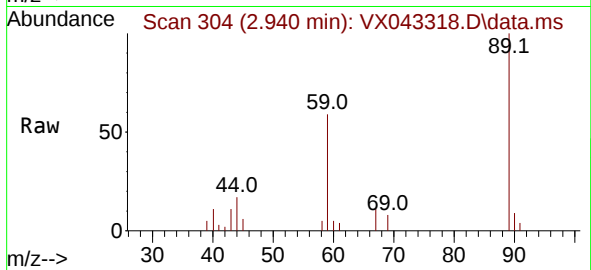




#11
Tert butyl alcohol
Concen: 11.080 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

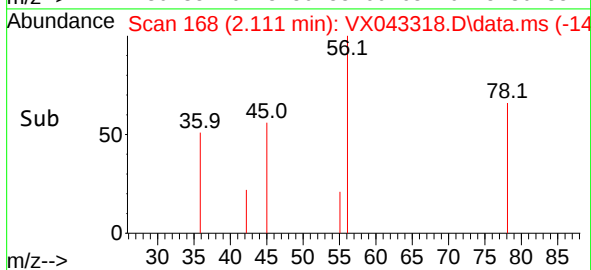
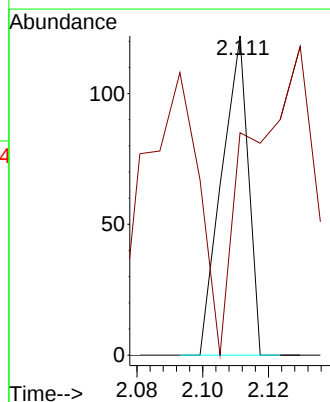
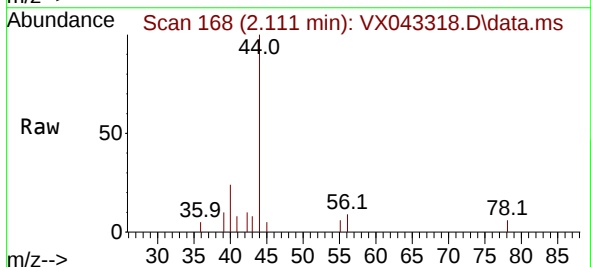
Instrument :
MSVOA_X
ClientSampleId :

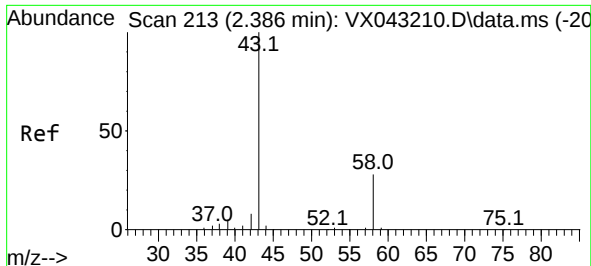
Tgt Ion: 59 Resp: 2800
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.285 ug/l
RT: 2.111 min Scan# 168
Delta R.T. -0.128 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 177.9 57.4 86.0#

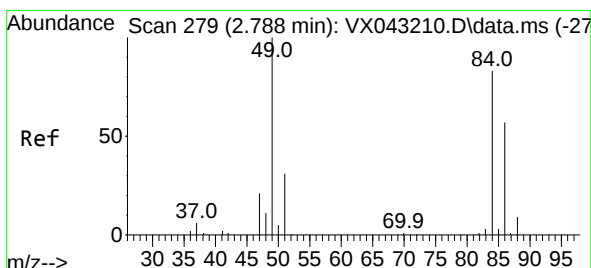
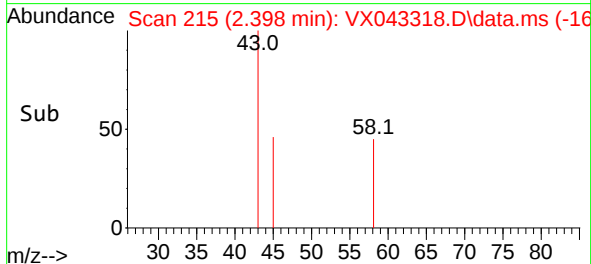
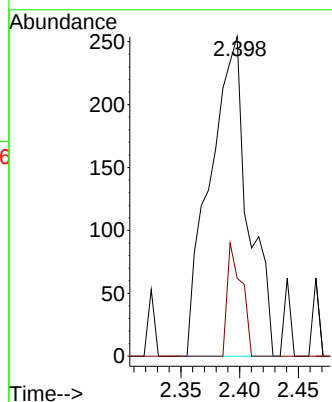
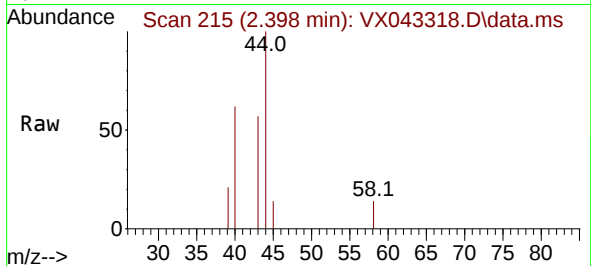




#16
Acetone
Concen: 1.035 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

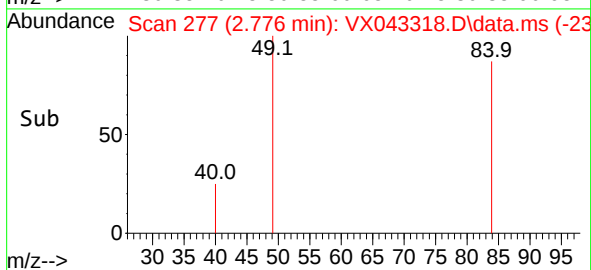
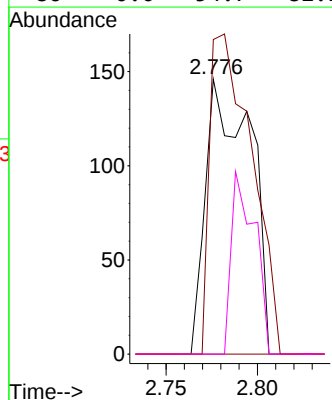
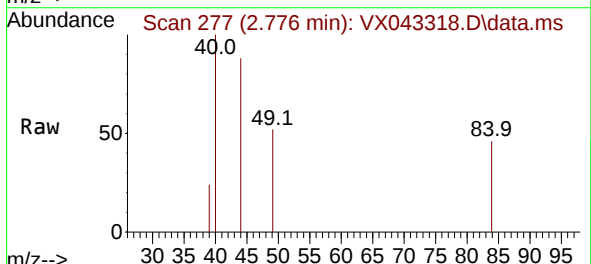
Instrument :
MSVOA_X
ClientSampleId :

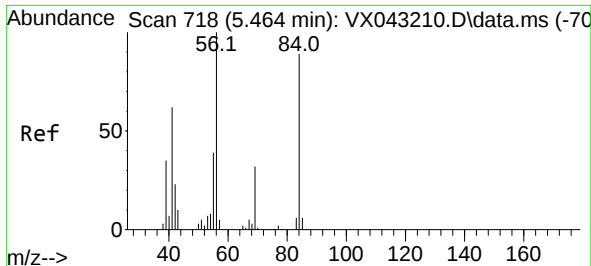
Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
58 24.4 22.6 33.8



#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

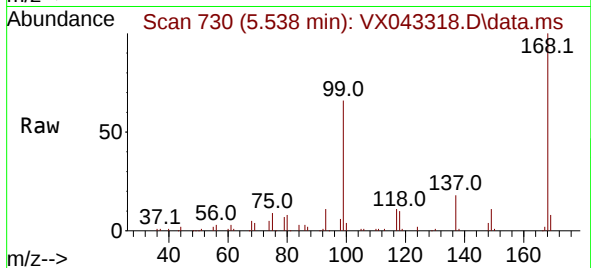
Tgt Ion: 84 Resp: 248
Ion Ratio Lower Upper
84 100
49 114.4 96.7 145.1
51 0.0 30.4 45.6#
86 0.0 54.7 82.1#



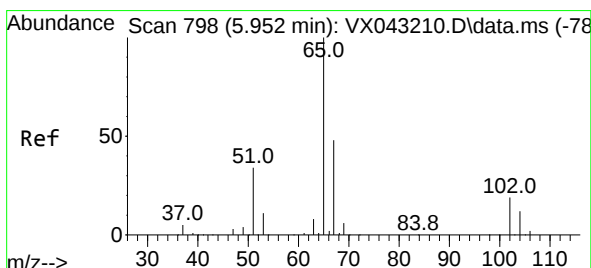
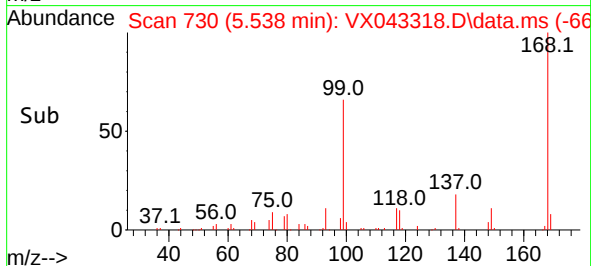
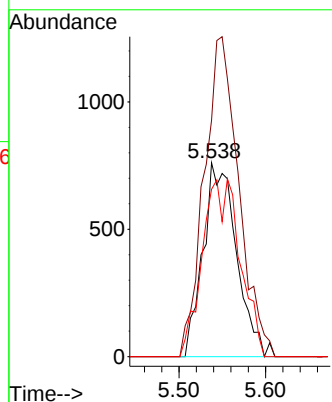


#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

Instrument :
MSVOA_X
ClientSampleId :

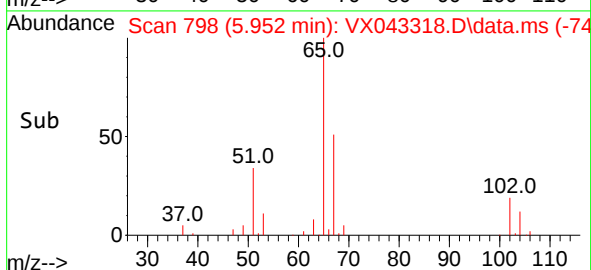
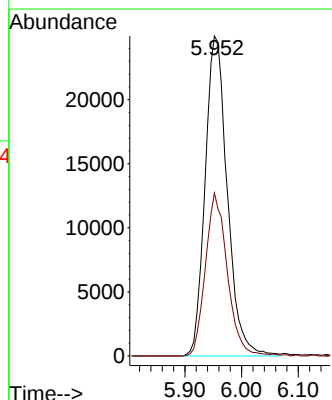
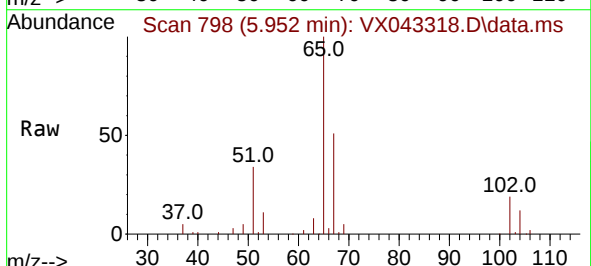


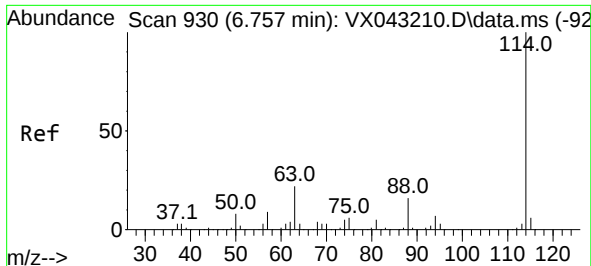
Tgt Ion: 56 Resp: 2039
Ion Ratio Lower Upper
56 100
69 121.9 25.8 38.6#
84 86.3 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 51.082 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

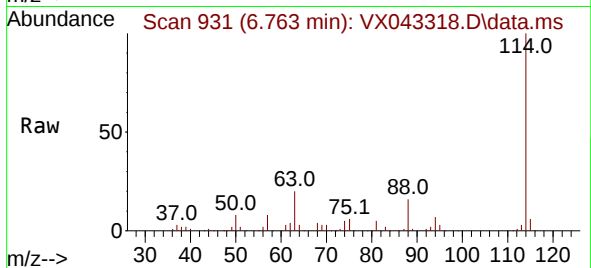
Tgt Ion: 65 Resp: 67837
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0



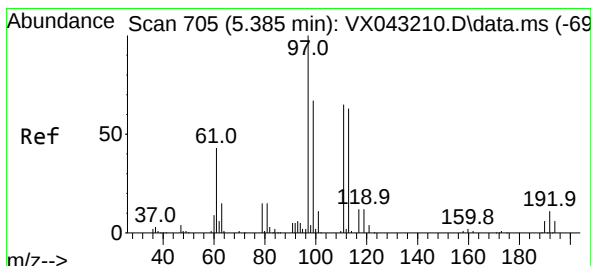
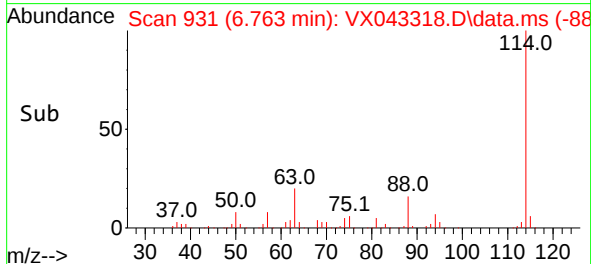
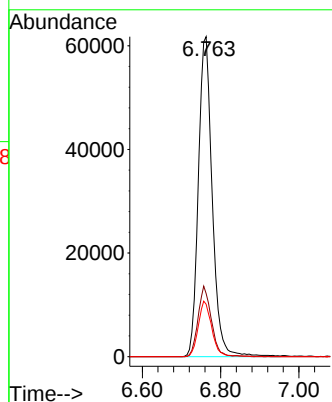


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX043318.D
 Acq: 08 Oct 2024 12:04

Instrument :
 MSVOA_X
 ClientSampleId :

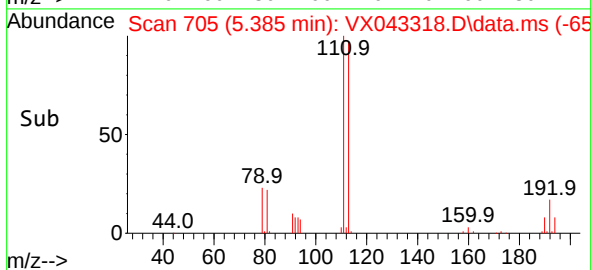
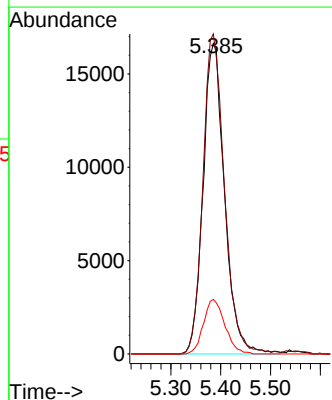
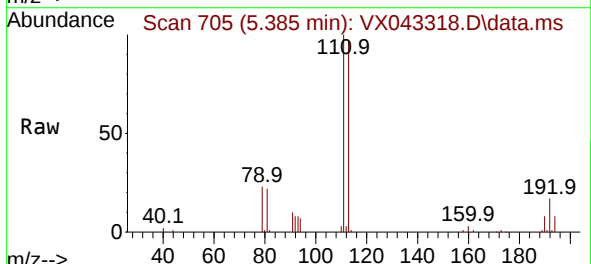


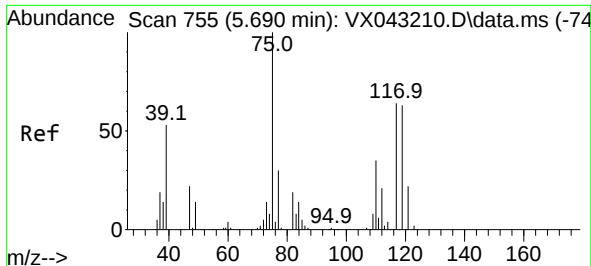
Tgt Ion:114 Resp: 152359
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.0
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 47.400 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX043318.D
 Acq: 08 Oct 2024 12:04

Tgt Ion:113 Resp: 49804
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.0
 192 17.4 14.1 21.1

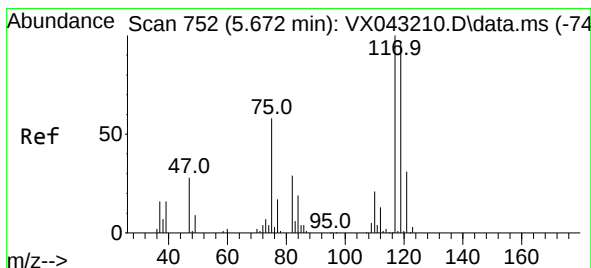
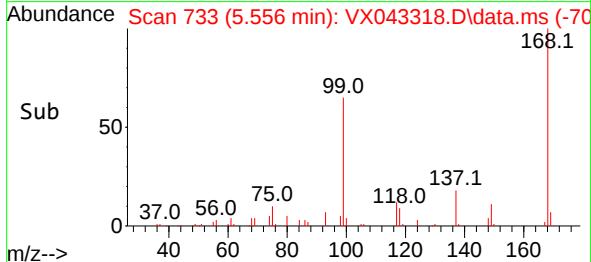
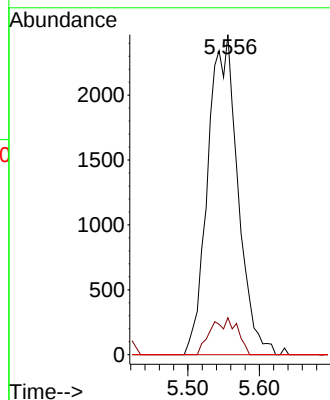
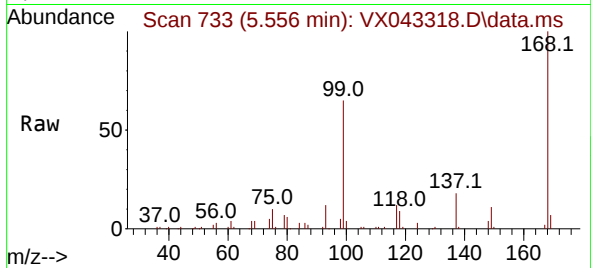




#36
 1,1-Dichloropropene
 Concen: 5.405 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.134 min
 Lab File: VX043318.D
 Acq: 08 Oct 2024 12:04

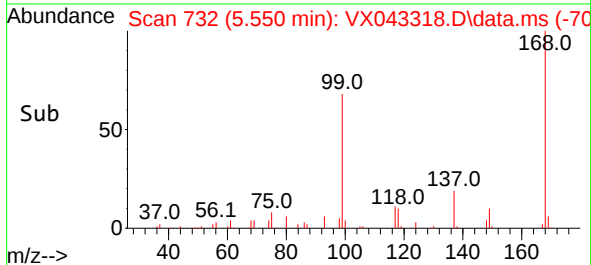
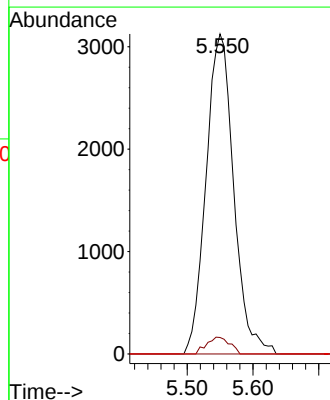
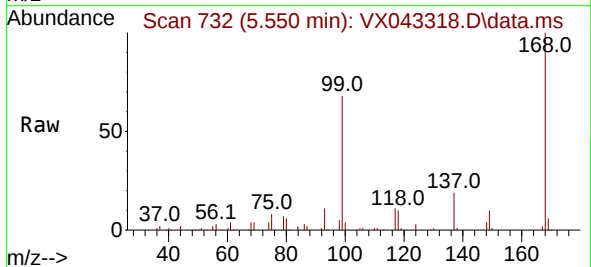
Instrument :
 MSVOA_X
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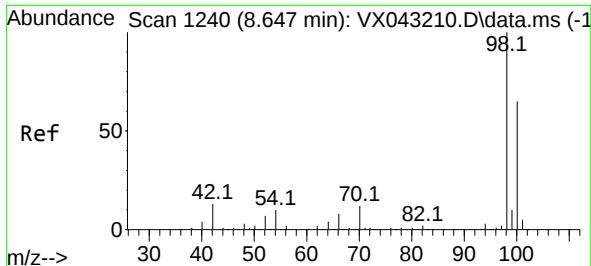
Tgt Ion: 75 Resp: 7174
 Ion Ratio Lower Upper
 75 100
 110 5.5 17.8 53.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.811 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX043318.D
 Acq: 08 Oct 2024 12:04

Tgt Ion: 117 Resp: 9132
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.7 116.5#
 121 0.0 24.3 36.5#

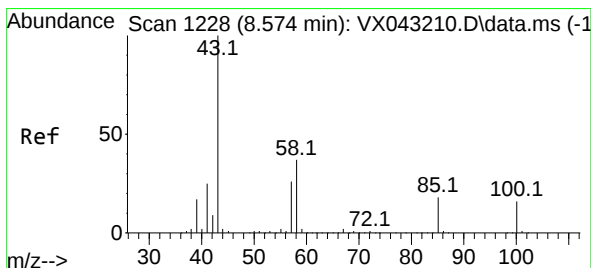
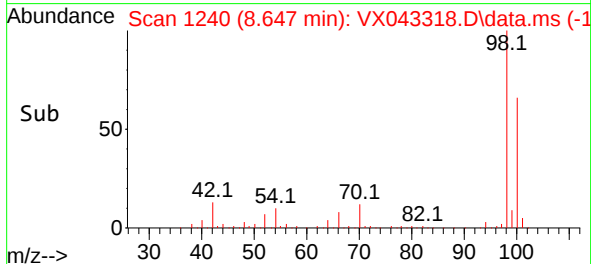
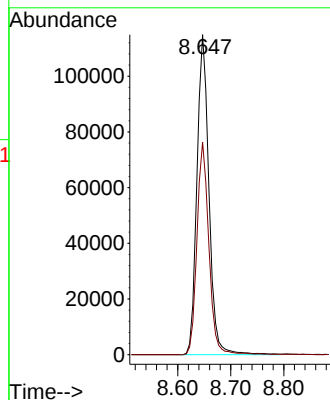
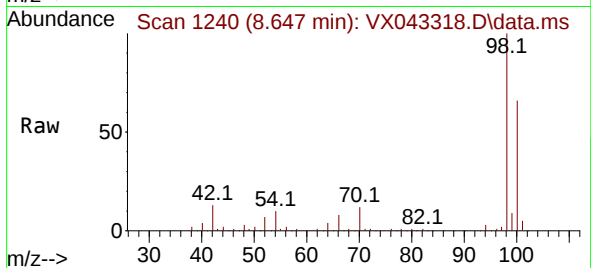




#50
Toluene-d8
Concen: 49.562 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

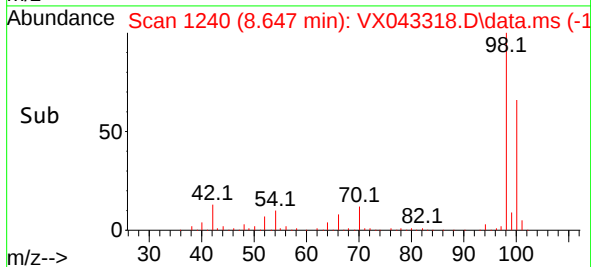
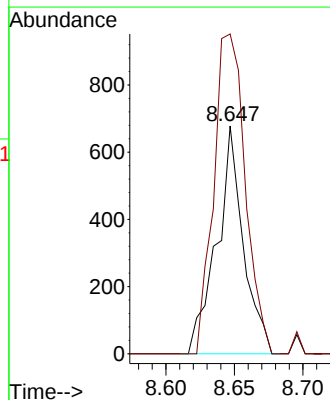
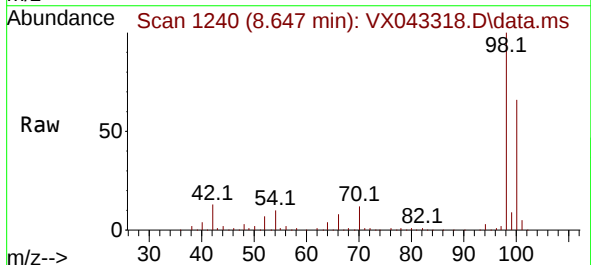
Instrument :
MSVOA_X
ClientSampleId :

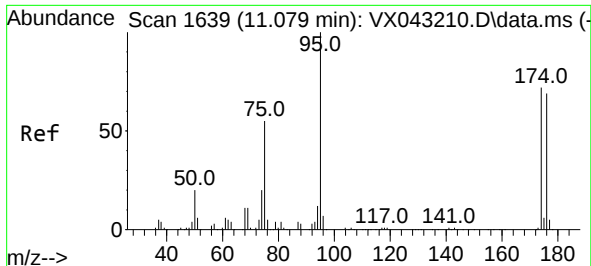
Tgt Ion: 98 Resp: 180468
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 167.2 30.0 45.0#

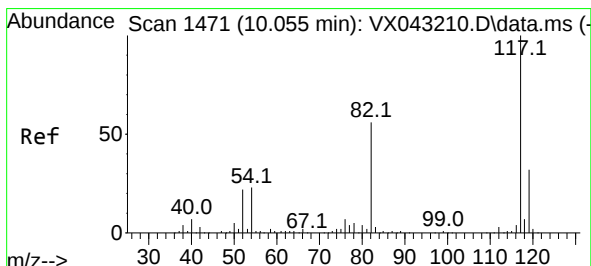
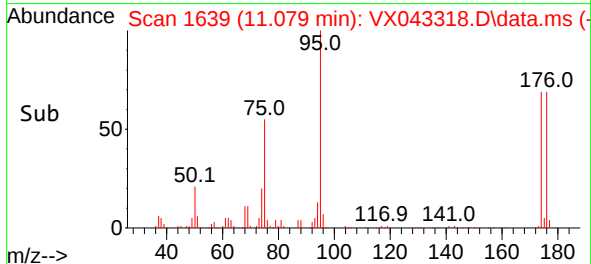
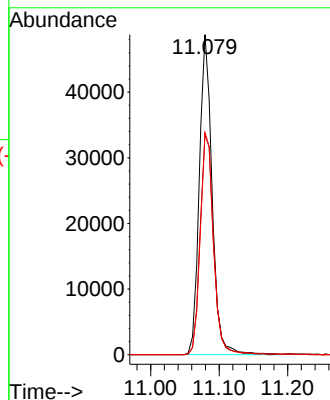
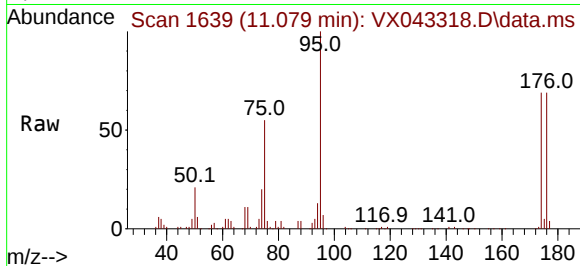




#62
4-Bromofluorobenzene
Concen: 47.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

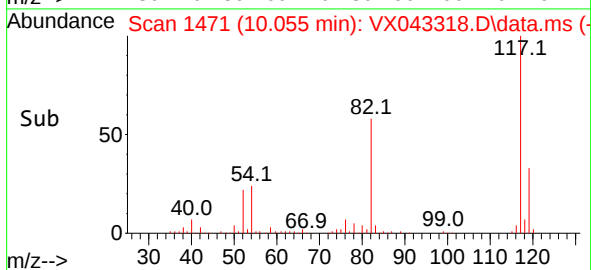
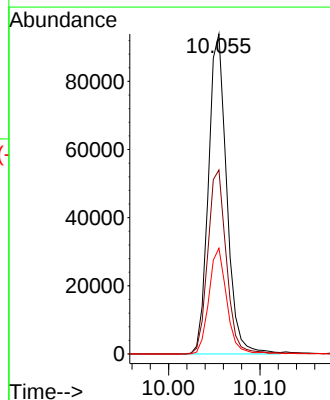
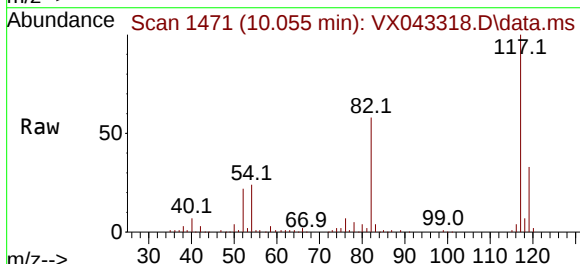
Instrument :
MSVOA_X
ClientSampleId :

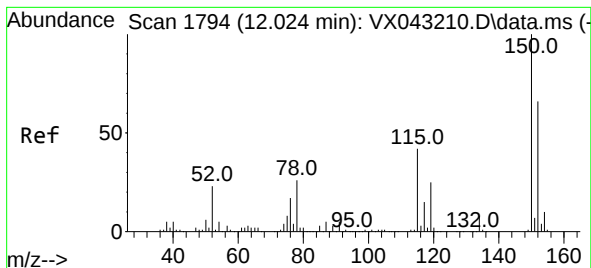
Tgt Ion: 95 Resp: 63488
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.0
176 72.0 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

Tgt Ion: 117 Resp: 130489
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.6
119 33.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043318.D

Acq: 08 Oct 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

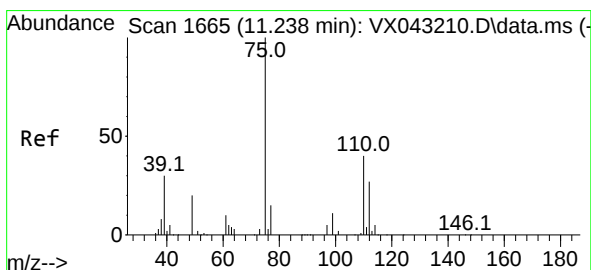
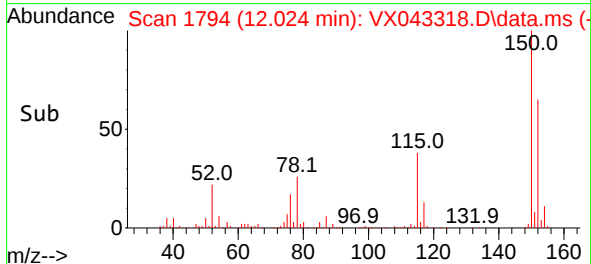
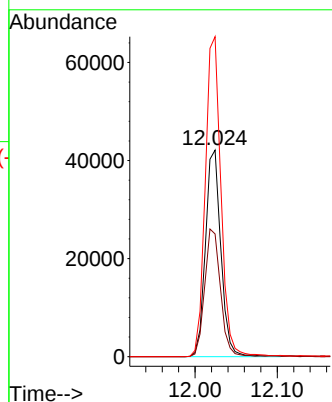
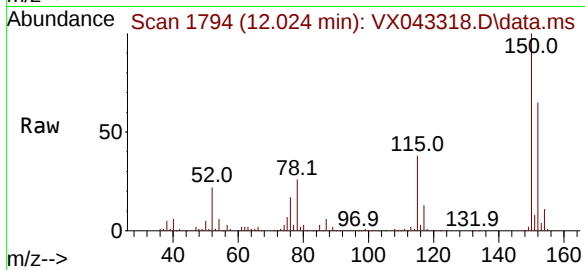
Tgt Ion:152 Resp: 54943

Ion Ratio Lower Upper

152 100

115 63.2 44.1 132.3

150 157.2 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.479 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043318.D

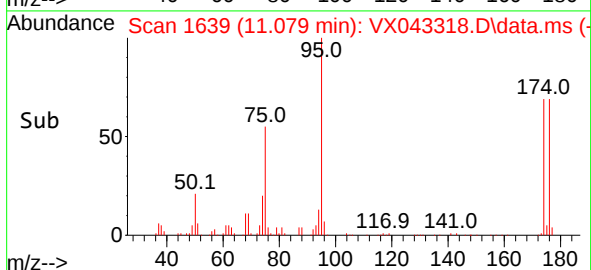
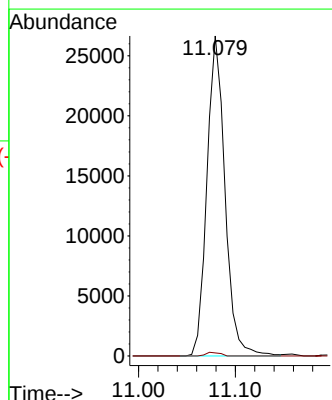
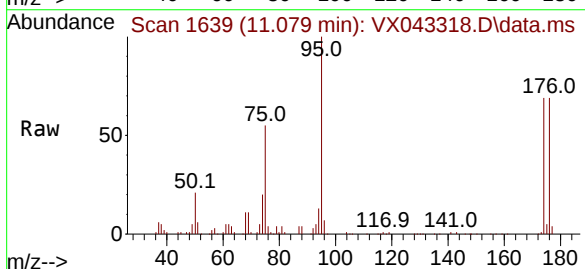
Acq: 08 Oct 2024 12:04

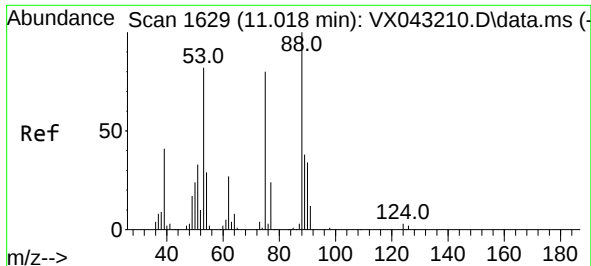
Tgt Ion: 75 Resp: 34707

Ion Ratio Lower Upper

75 100

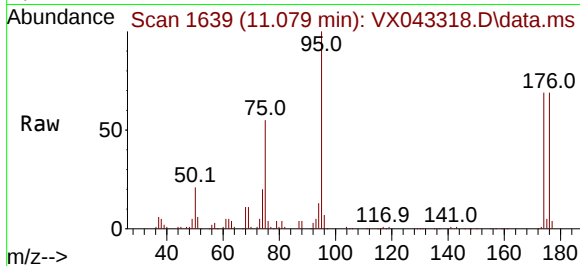
77 0.9 22.0 66.0#



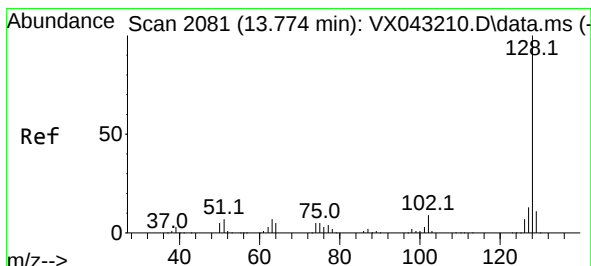
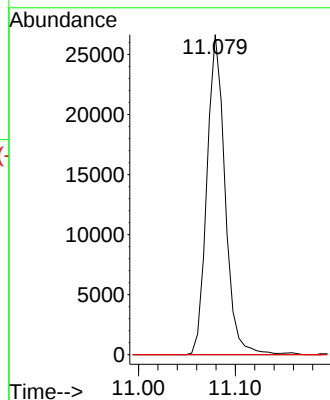
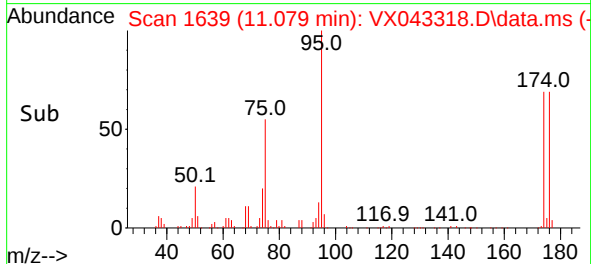


#81
trans-1,4-Dichloro-2-butene
Concen: 73.807 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04

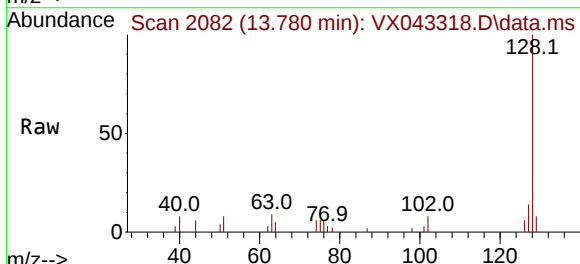
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 34707
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



#95
Naphthalene
Concen: 1.388 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043318.D
Acq: 08 Oct 2024 12:04



Tgt Ion: 128 Resp: 5510
Ion Ratio Lower Upper
128 100
127 11.1 10.2 15.2
129 8.7 8.6 13.0

