

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043322.D
 Acq On : 08 Oct 2024 13:36
 Operator : JC/MD
 Sample : P4341-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 01:37:07 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)

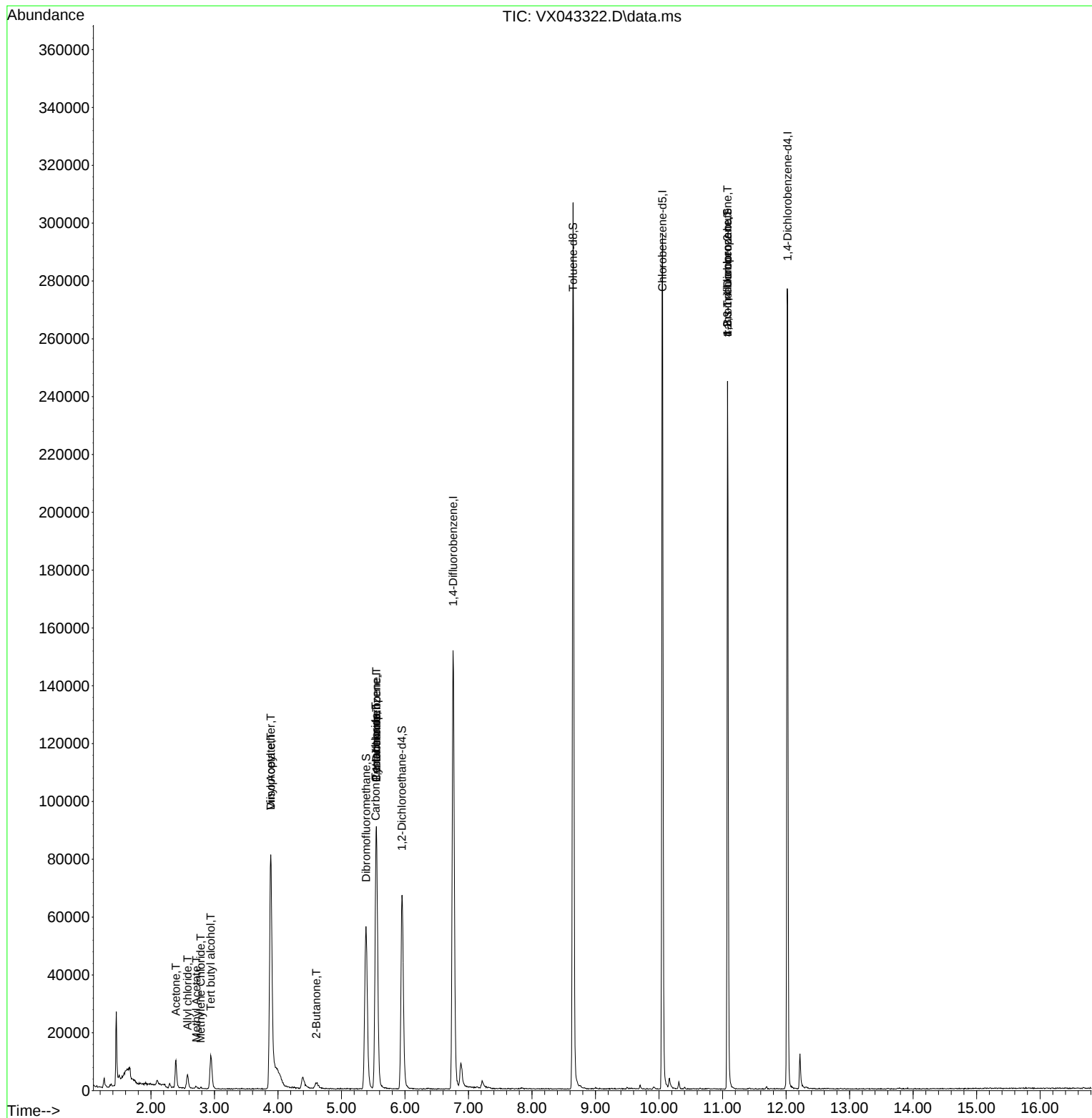
Internal Standards						
1) Pentafluorobenzene	5.550	168	82139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69695	51.955	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.900%	
35) Dibromofluoromethane	5.385	113	49835	47.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.740%	
50) Toluene-d8	8.647	98	182693	50.116	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	11.079	95	65798	49.683	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	7205	28.225	ug/l #	73
14) Allyl chloride	2.575	41	817	0.545	ug/l #	64
16) Acetone	2.392	43	11357	20.273	ug/l	100
18) Methyl Acetate	2.715	43	1071	0.762	ug/l #	78
20) Methylene Chloride	2.782	84	254	0.246	ug/l #	52
22) Diisopropyl ether	3.885	45	6780	2.248	ug/l #	1
23) Vinyl Acetate	3.885	43	16854	11.342	ug/l #	71
25) 2-Butanone	4.605	43	406	0.529	ug/l #	49
31) Cyclohexane	5.550	56	2021	1.396	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	7286	5.483	ug/l #	51
38) Carbon Tetrachloride	5.538	117	9068	5.764	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	35786	27.698	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35786	71.782	ug/l #	8

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

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 09 01:37:07 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



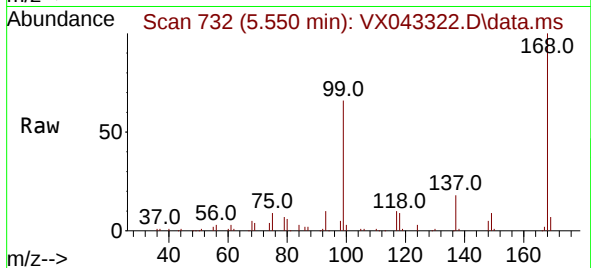


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

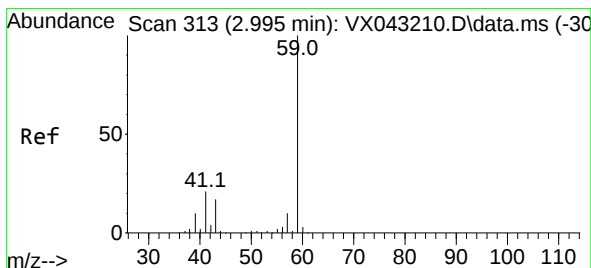
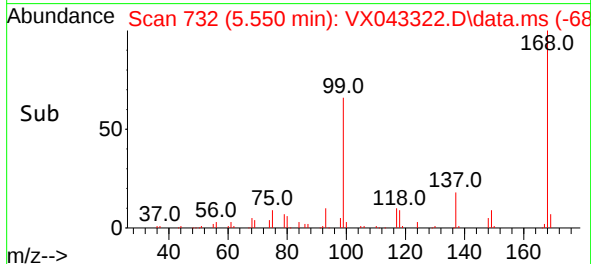
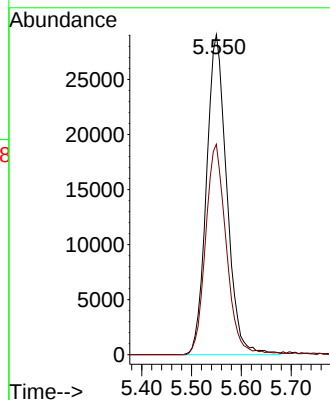
Instrument :

MSVOA_X

ClientSampleId :

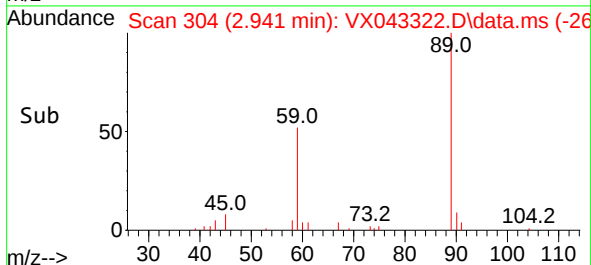
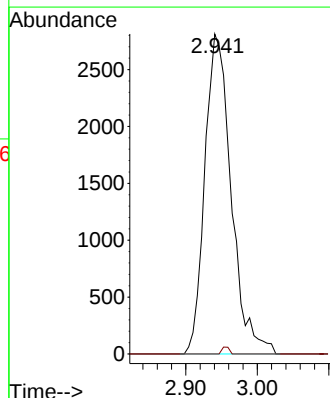
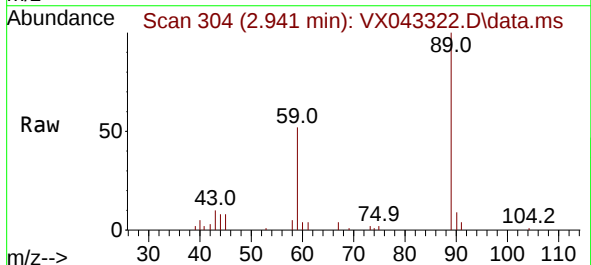


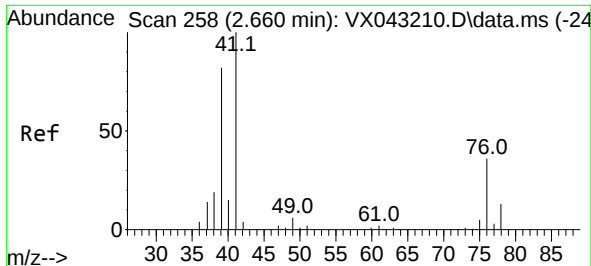
Tgt Ion:168 Resp: 82139
Ion Ratio Lower Upper
168 100
99 65.7 49.7 74.5



#11
Tert butyl alcohol
Concen: 28.225 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

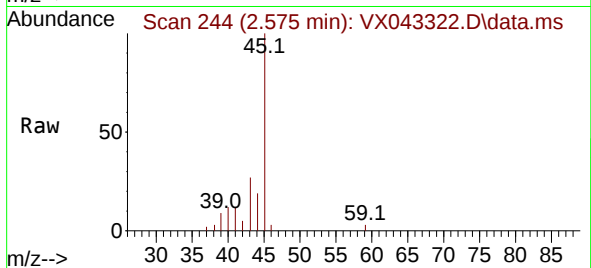
Tgt Ion: 59 Resp: 7205
Ion Ratio Lower Upper
59 100
57 0.6 8.6 13.0#



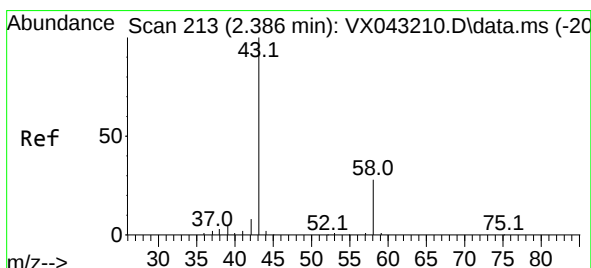
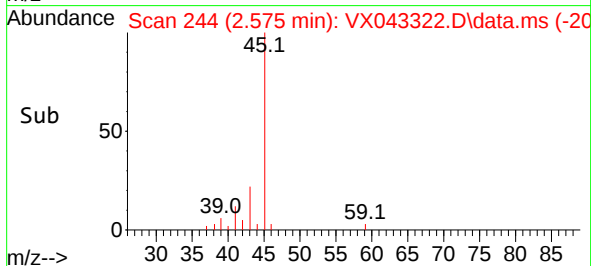
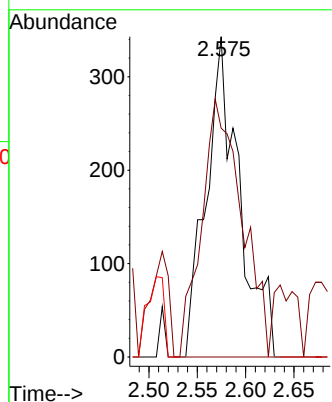


#14
Allyl chloride
Concen: 0.545 ug/l
RT: 2.575 min Scan# 24
Delta R.T. -0.085 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :

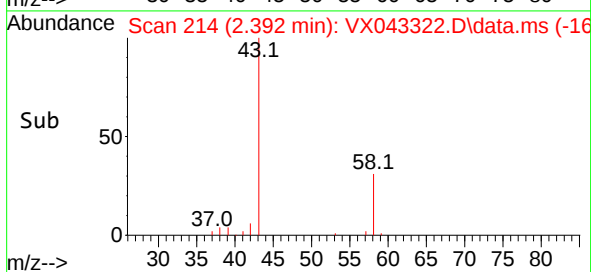
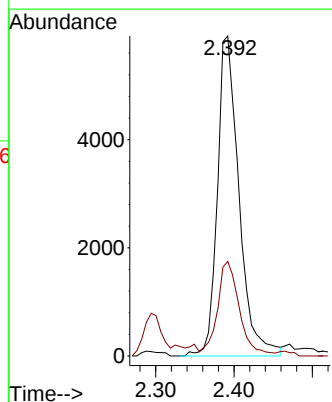
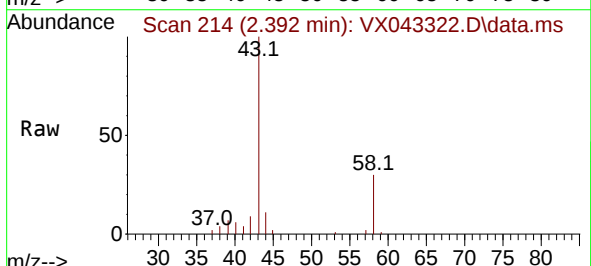


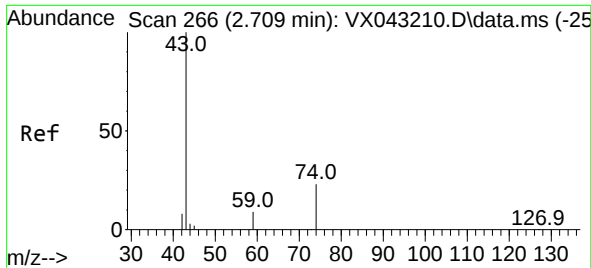
Tgt Ion: 41 Resp: 817
Ion Ratio Lower Upper
41 100
39 97.9 61.7 92.5#
76 0.0 28.6 43.0#



#16
Acetone
Concen: 20.273 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

Tgt Ion: 43 Resp: 11357
Ion Ratio Lower Upper
43 100
58 28.2 22.6 33.8

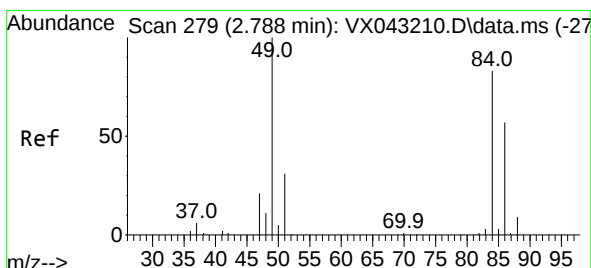
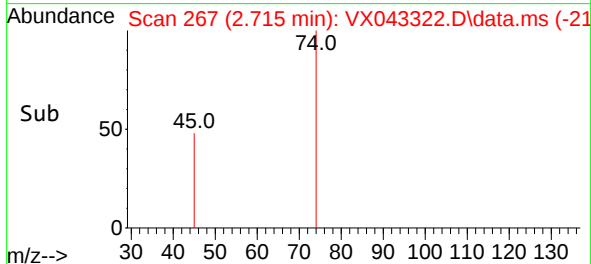
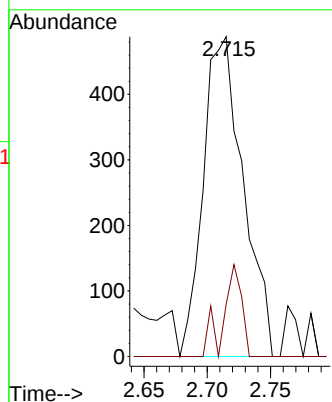
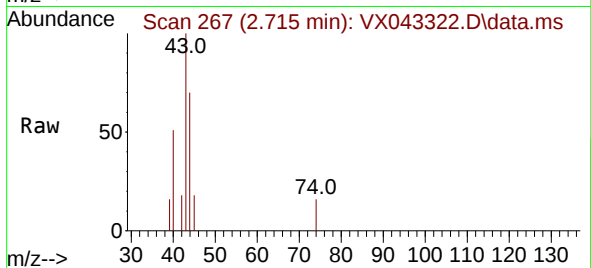




#18
Methyl Acetate
Concen: 0.762 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

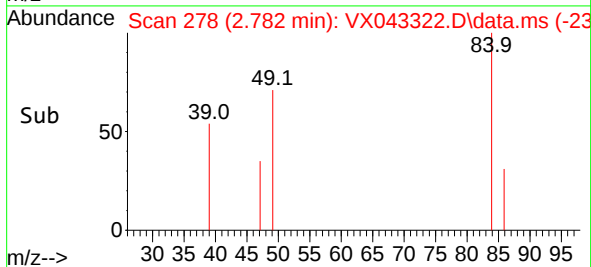
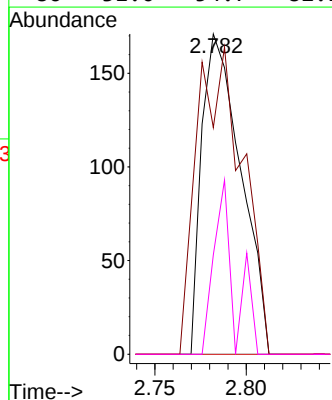
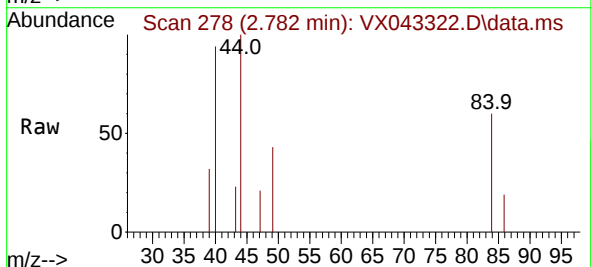
Instrument :
MSVOA_X
ClientSampleId :

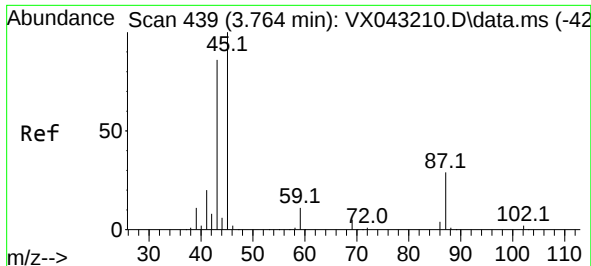
Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
74 13.3 19.1 28.7#



#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

Tgt Ion: 84 Resp: 254
Ion Ratio Lower Upper
84 100
49 70.8 96.7 145.1#
51 0.0 30.4 45.6#
86 31.0 54.7 82.1#

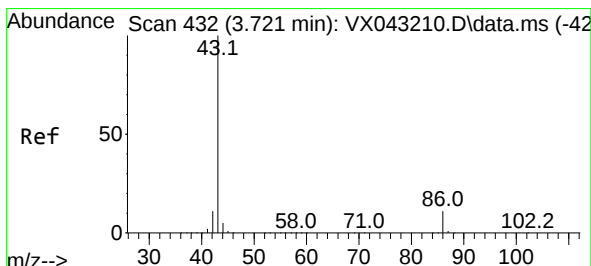
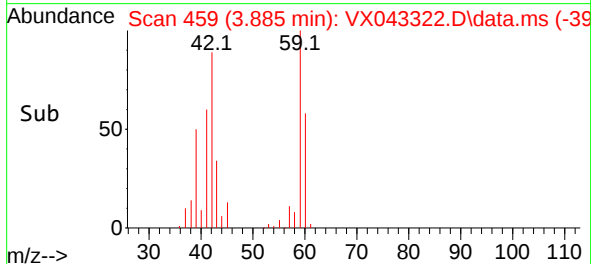
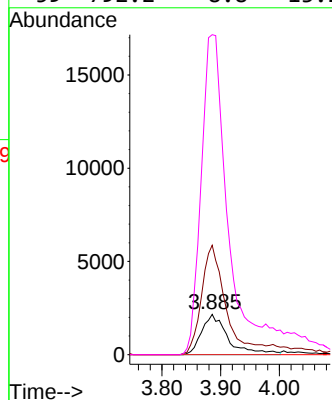
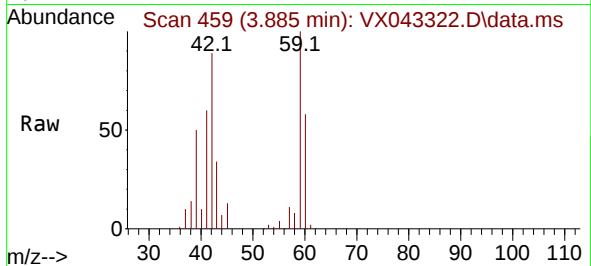




#22
Diisopropyl ether
Concen: 2.248 ug/l
RT: 3.885 min Scan# 41
Delta R.T. 0.121 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

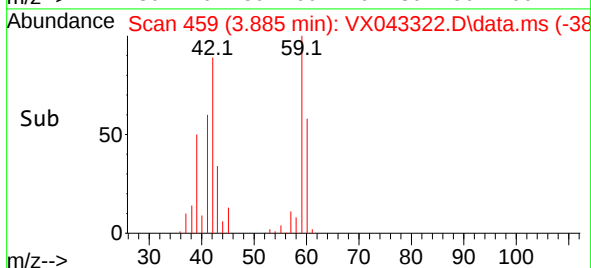
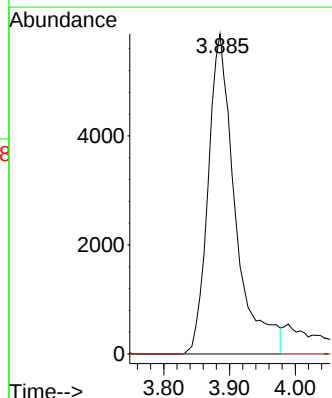
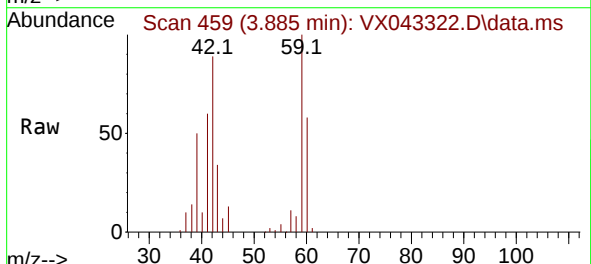
Instrument :
MSVOA_X
ClientSampleId :

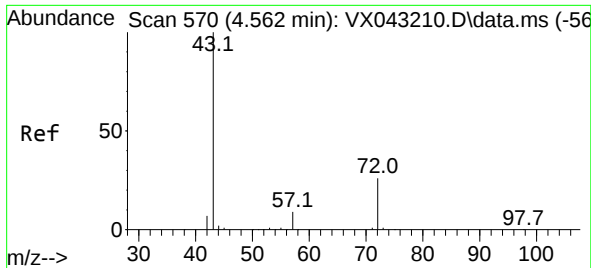
Tgt Ion: 45 Resp: 6780
Ion Ratio Lower Upper
45 100
43 271.1 68.5 102.7#
87 0.0 23.0 34.4#
59 792.2 8.8 13.2#



#23
Vinyl Acetate
Concen: 11.342 ug/l
RT: 3.885 min Scan# 459
Delta R.T. 0.164 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

Tgt Ion: 43 Resp: 16854
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#

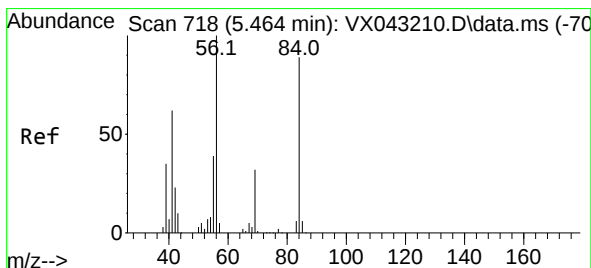
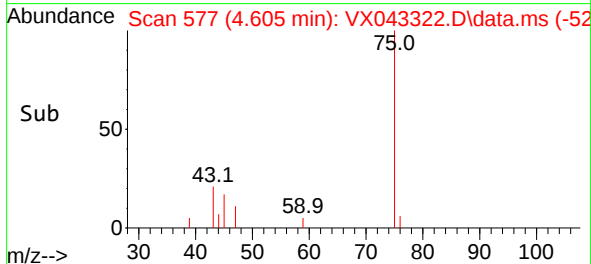
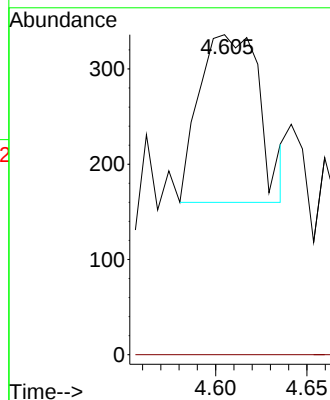
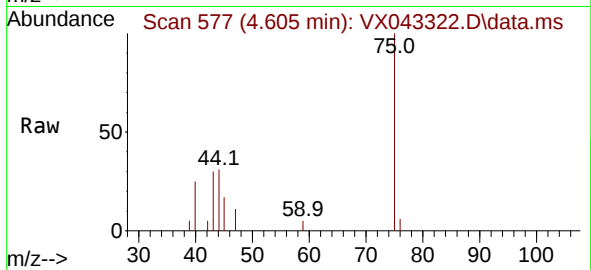




#25
2-Butanone
Concen: 0.529 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

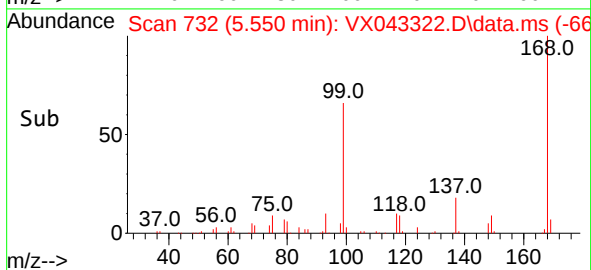
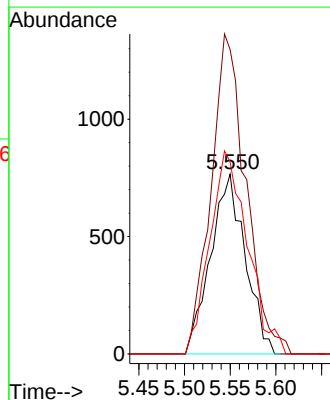
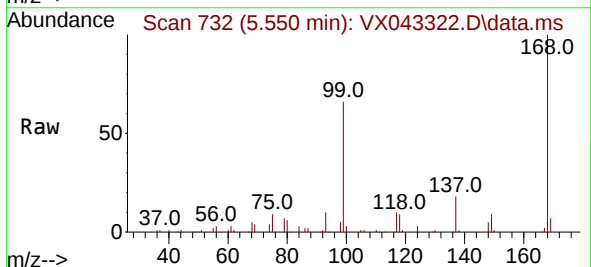
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.396 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

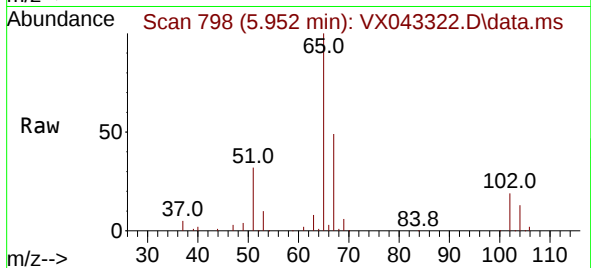
Tgt Ion: 56 Resp: 2021
Ion Ratio Lower Upper
56 100
69 169.2 25.8 38.6#
84 106.8 71.1 106.7#



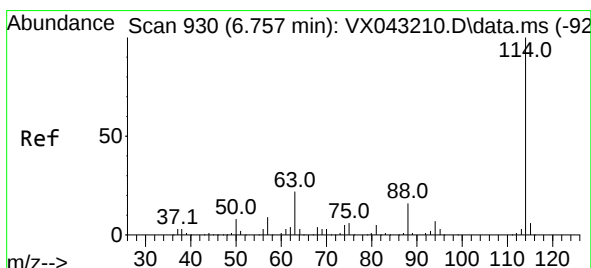
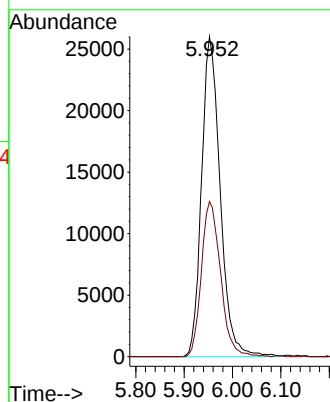
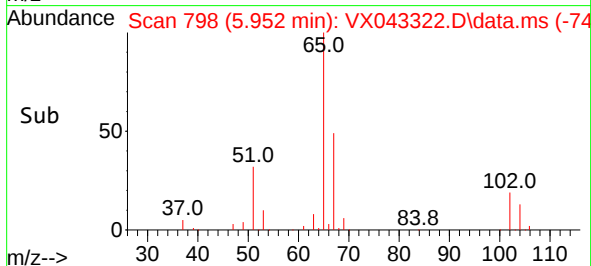


#33
 1,2-Dichloroethane-d4
 Concen: 51.955 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043322.D
 Acq: 08 Oct 2024 13:36

Instrument :
 MSVOA_X
 ClientSampleId :

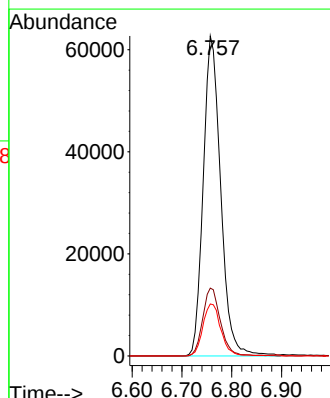
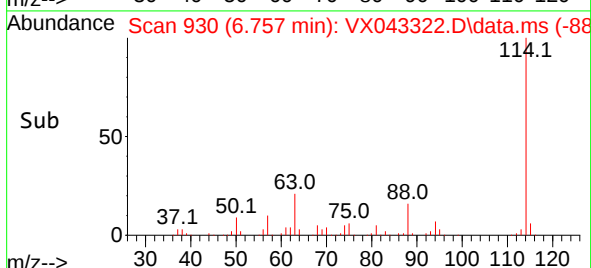
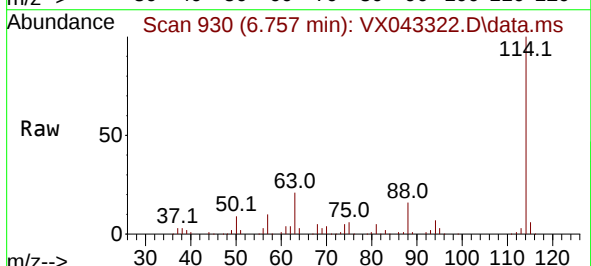


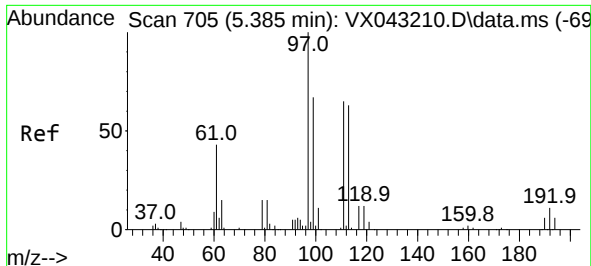
Tgt Ion: 65 Resp: 69695
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043322.D
 Acq: 08 Oct 2024 13:36

Tgt Ion: 114 Resp: 152533
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 16.3 0.0 33.0

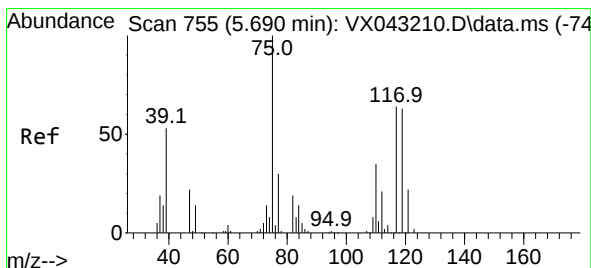
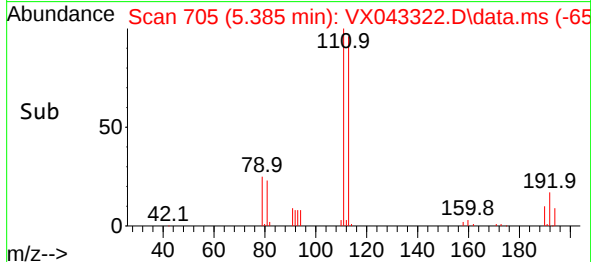
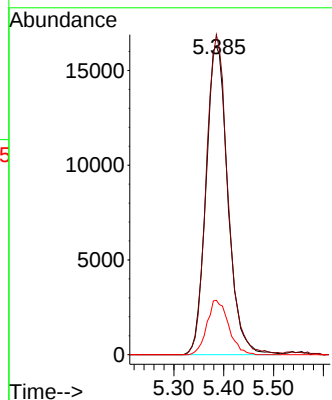
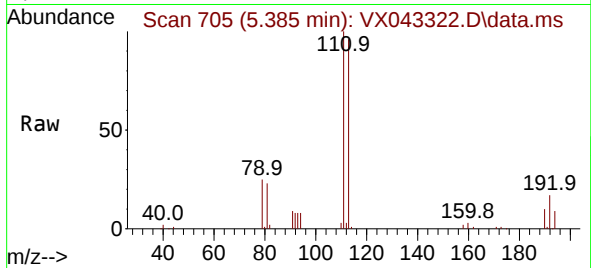




#35
Dibromofluoromethane
Concen: 47.375 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

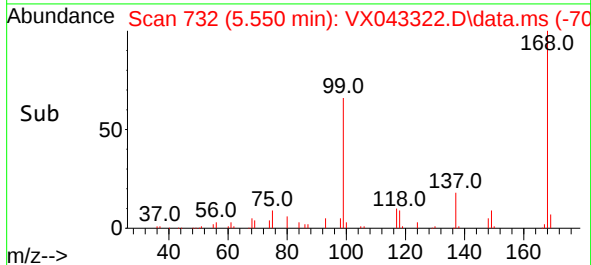
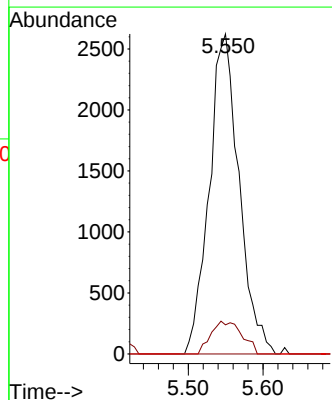
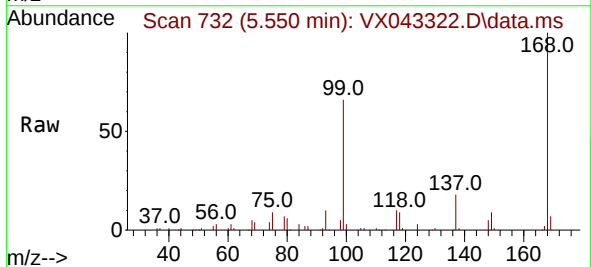
Instrument :
MSVOA_X
ClientSampleId :

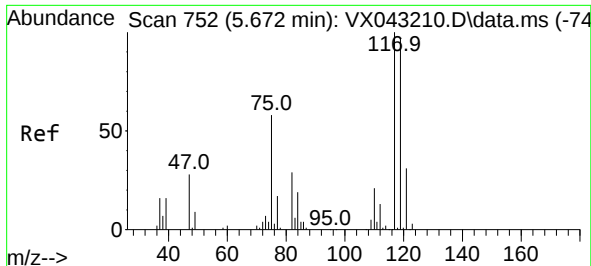
Tgt Ion:113 Resp: 49835
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.0
192 17.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.483 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

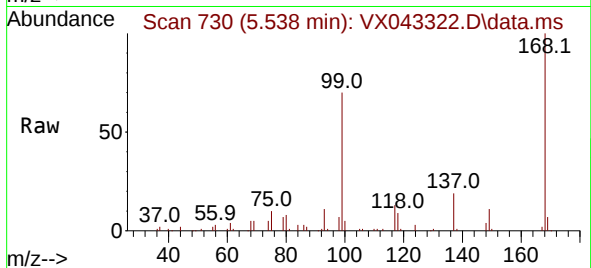
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Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.3#
77 0.0 24.9 37.3#



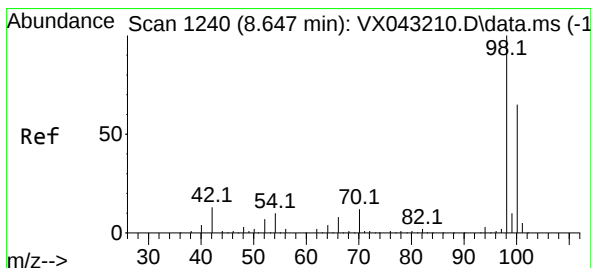
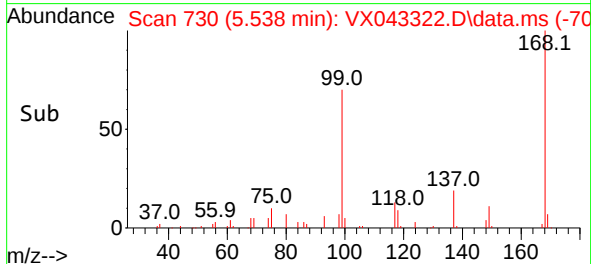
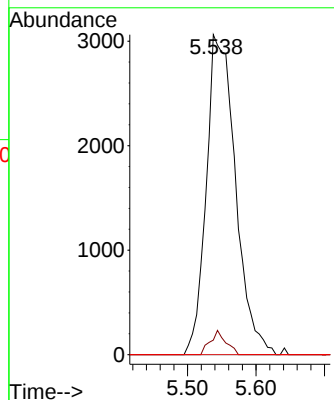


#38
Carbon Tetrachloride
Concen: 5.764 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :

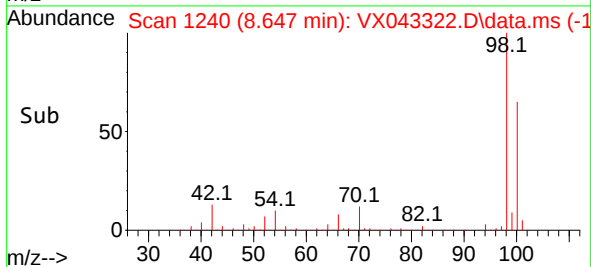
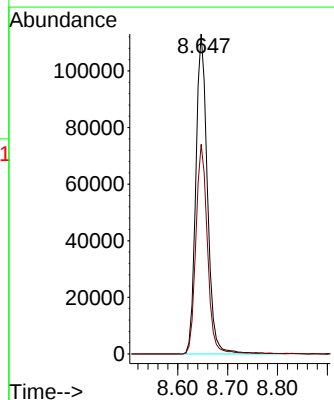
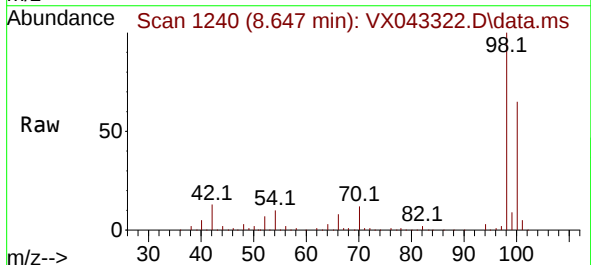


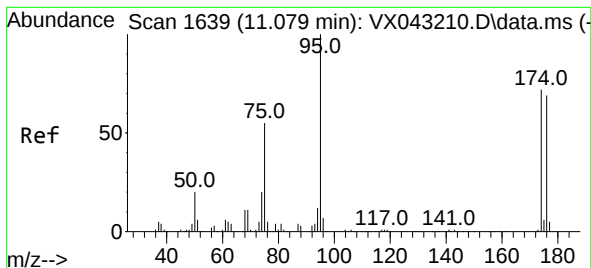
Tgt Ion:117 Resp: 9068
Ion Ratio Lower Upper
117 100
119 4.5 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.116 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

Tgt Ion: 98 Resp: 182693
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

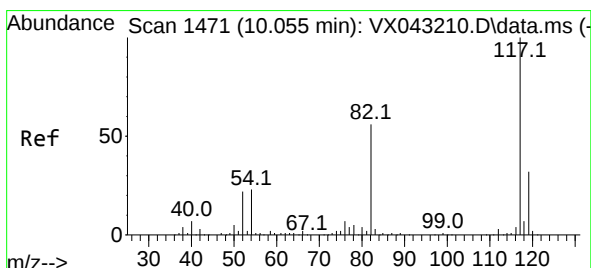
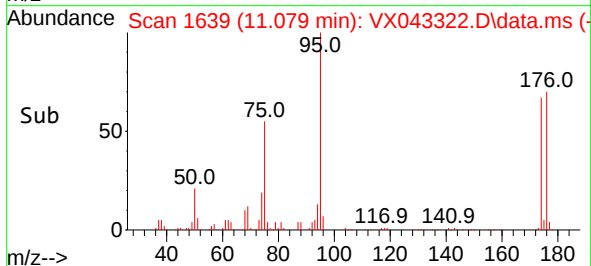
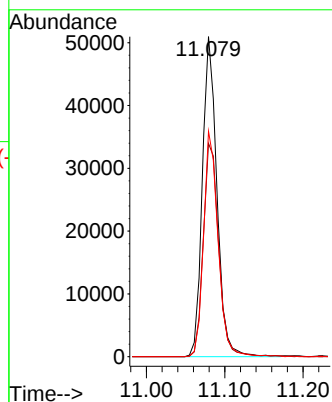
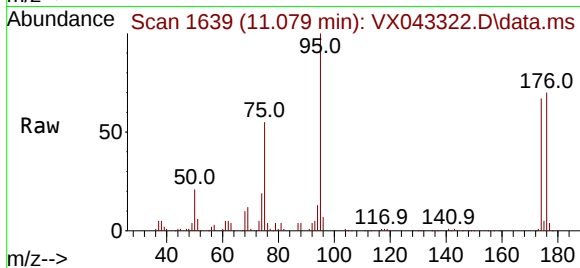




#62
4-Bromofluorobenzene
Concen: 49.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

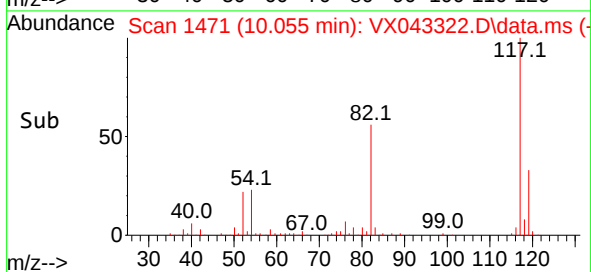
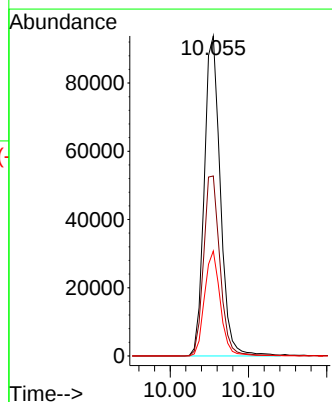
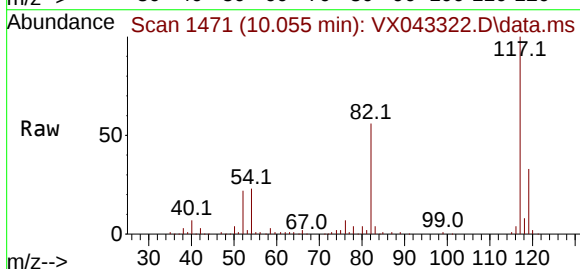
Instrument :
MSVOA_X
ClientSampleId :

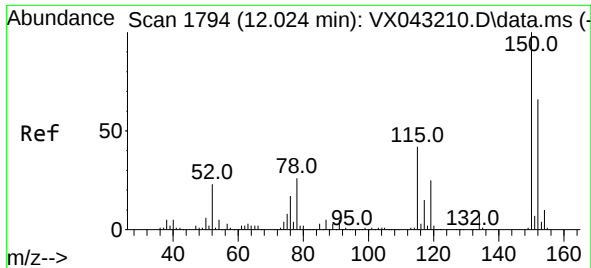
Tgt Ion: 95 Resp: 65798
Ion Ratio Lower Upper
95 100
174 70.5 0.0 145.0
176 70.2 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

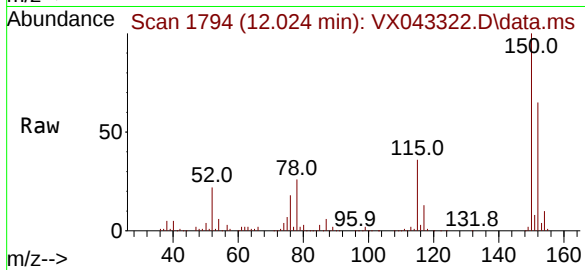
Tgt Ion: 117 Resp: 133533
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.6
119 32.8 25.3 37.9



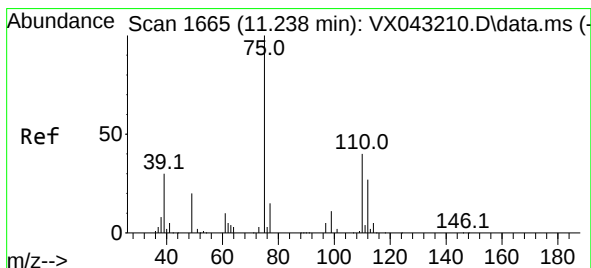
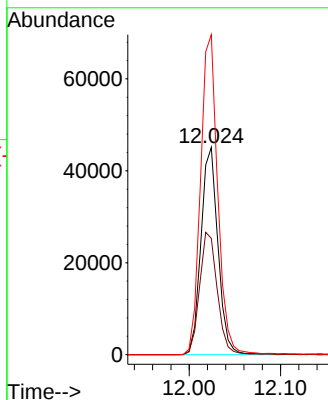
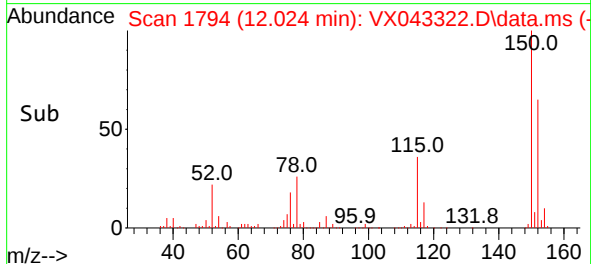


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043322.D
 Acq: 08 Oct 2024 13:36

Instrument :
 MSVOA_X
 ClientSampleId :

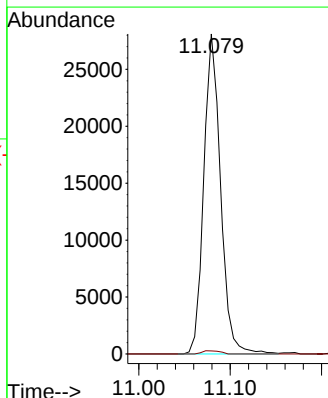
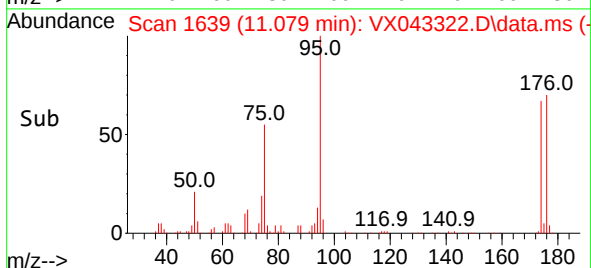
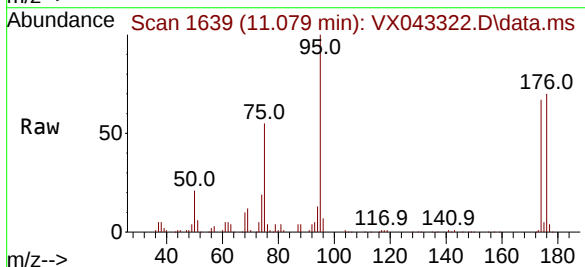


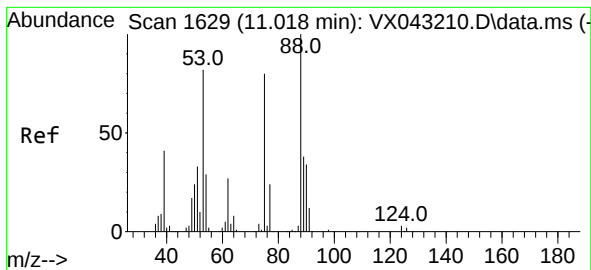
Tgt Ion:152 Resp: 58249
 Ion Ratio Lower Upper
 152 100
 115 61.4 44.1 132.3
 150 156.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 27.698 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043322.D
 Acq: 08 Oct 2024 13:36

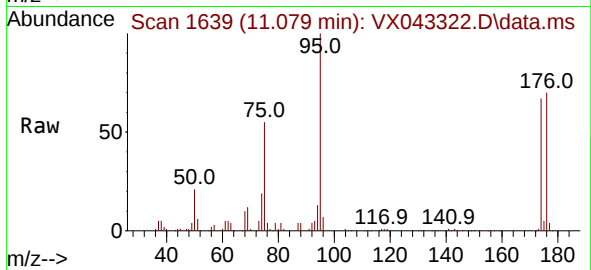
Tgt Ion: 75 Resp: 35786
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.782 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043322.D
Acq: 08 Oct 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 35786
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

