

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043202.D
 Acq On : 30 Sep 2024 16:37
 Operator : JC/MD
 Sample : P4214-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:54:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

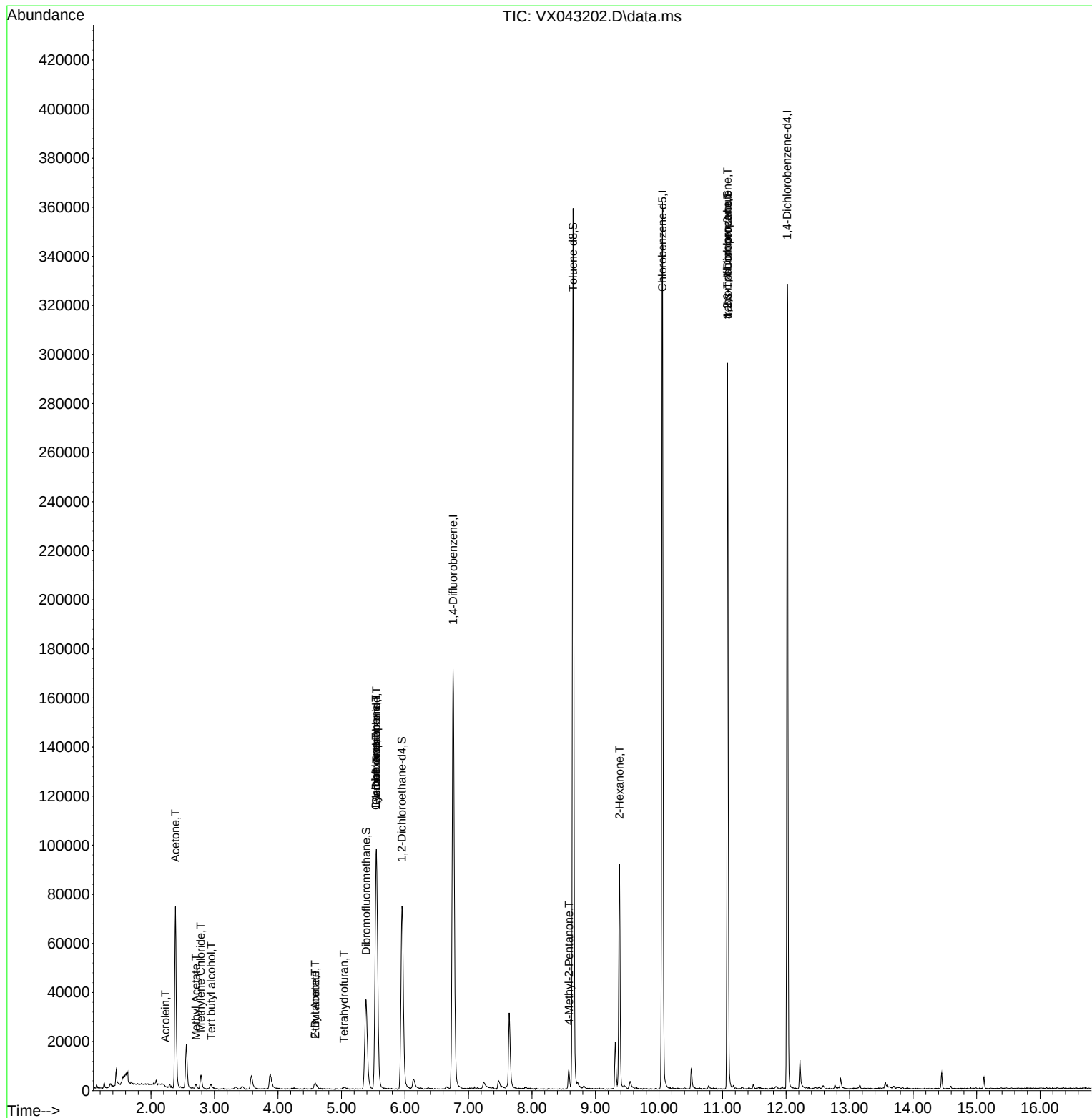
Internal Standards						
1) Pentafluorobenzene	5.550	168	89228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76948	51.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.840%	
35) Dibromofluoromethane	5.385	113	32374	26.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 53.140%#	
50) Toluene-d8	8.647	98	211227	51.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	11.079	95	77068	46.432	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1316	3.977	ug/l #	71
13) Acrolein	2.227	56	56	1.284	ug/l #	15
16) Acetone	2.386	43	80633	116.331	ug/l	99
18) Methyl Acetate	2.709	43	2317	1.242	ug/l #	88
20) Methylene Chloride	2.782	84	2676	2.427	ug/l	89
25) 2-Butanone	4.586	43	4363	4.883	ug/l	94
29) Tetrahydrofuran	5.037	42	504	0.938	ug/l #	46
31) Cyclohexane	5.543	56	2110	1.448	ug/l #	5
36) 1,1-Dichloropropene	5.543	75	7805	5.214	ug/l #	49
37) Ethyl Acetate	4.586	43	4363	2.320	ug/l #	69
38) Carbon Tetrachloride	5.550	117	9879	5.123	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	5103	2.645	ug/l	98
59) 2-Hexanone	9.378	43	62313	41.306	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	42227	29.237	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42227	69.659	ug/l #	7

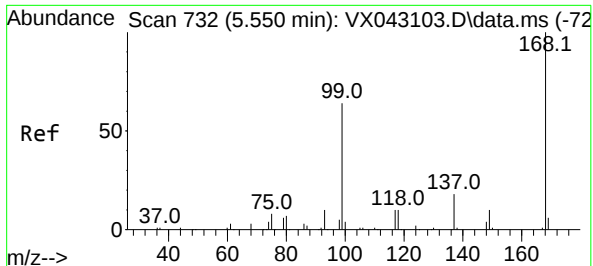
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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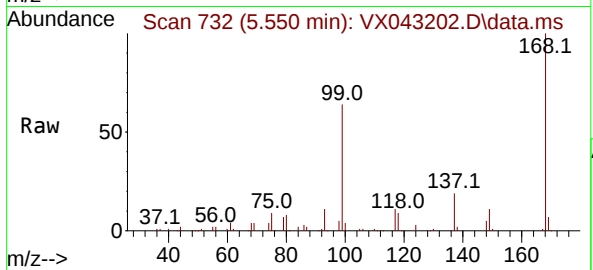
Quant Time: Oct 01 01:54:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



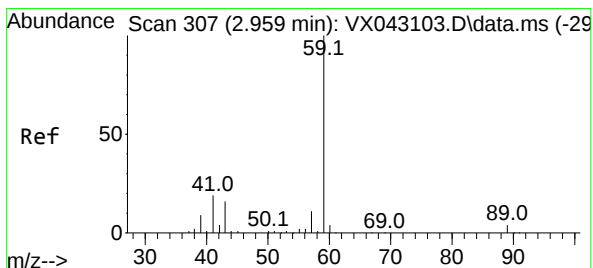
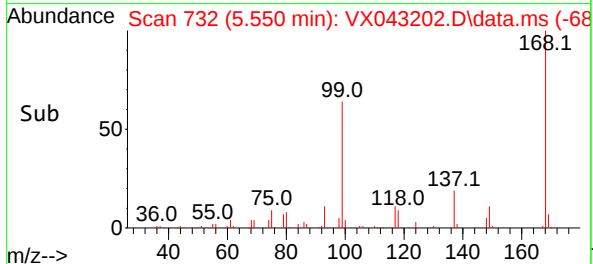
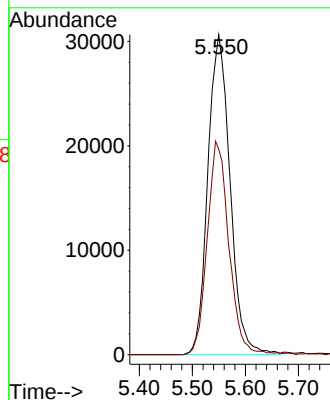


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Instrument :
MSVOA_X
ClientSampleId :

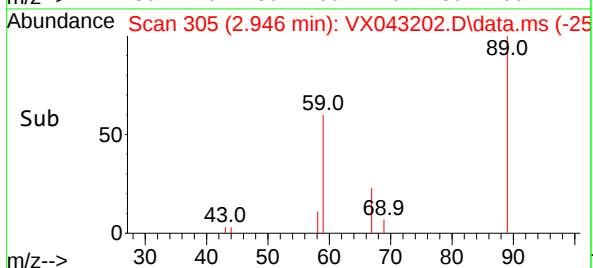
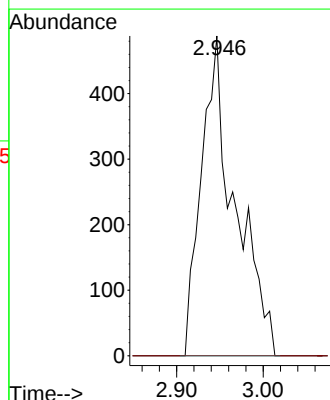
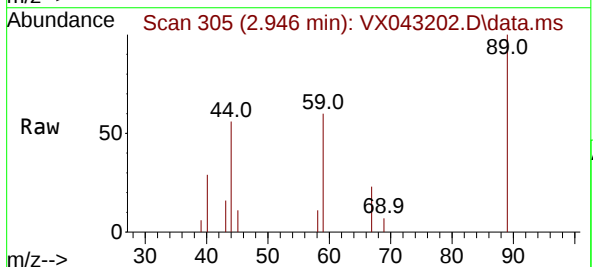


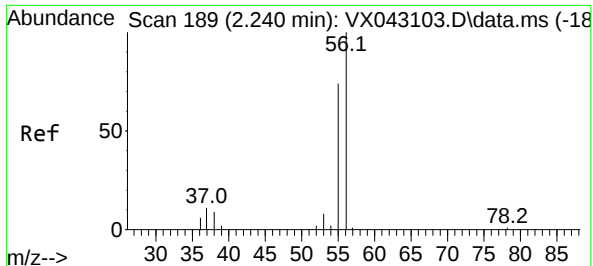
Tgt Ion:168 Resp: 89228
Ion Ratio Lower Upper
168 100
99 64.2 50.8 76.2



#11
Tert butyl alcohol
Concen: 3.977 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

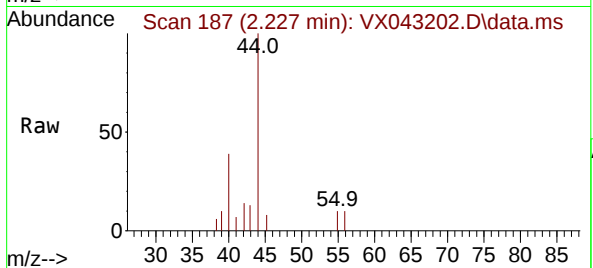
Tgt Ion: 59 Resp: 1316
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



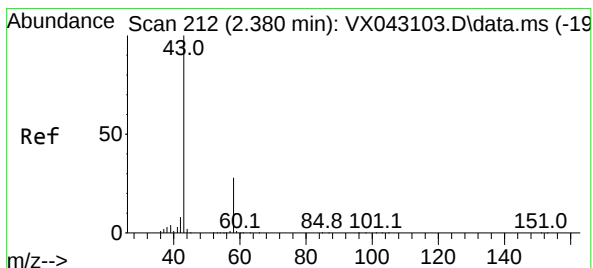
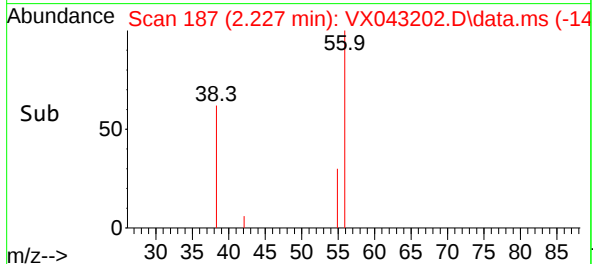
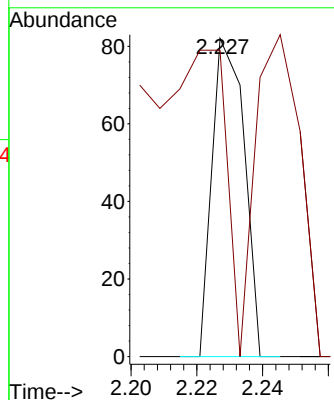


#13
Acrolein
Concen: 1.284 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.013 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Instrument :
MSVOA_X
ClientSampleId :

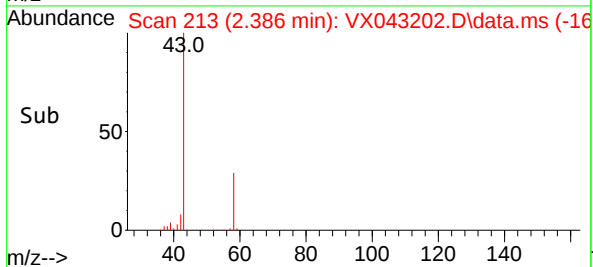
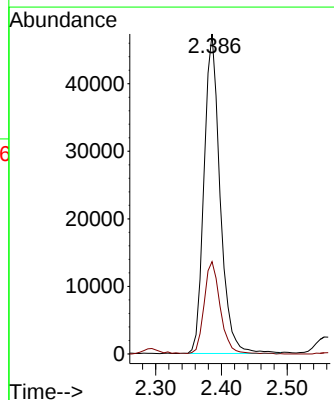
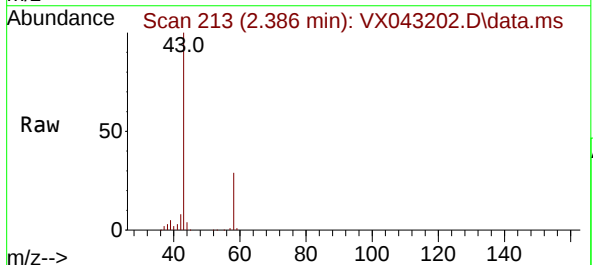


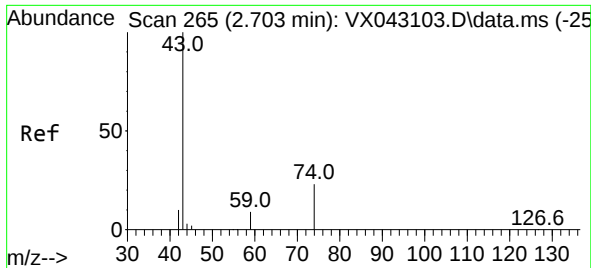
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 139.3 55.8 83.6#



#16
Acetone
Concen: 116.331 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Tgt Ion: 43 Resp: 80633
Ion Ratio Lower Upper
43 100
58 28.8 22.6 34.0

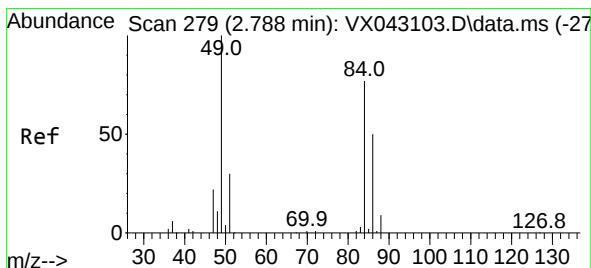
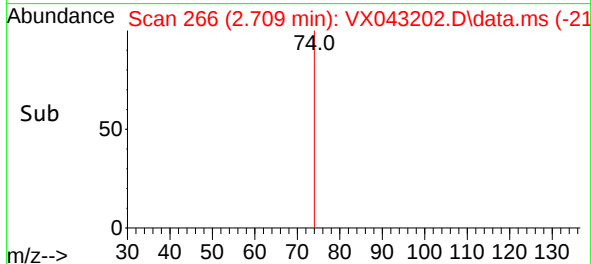
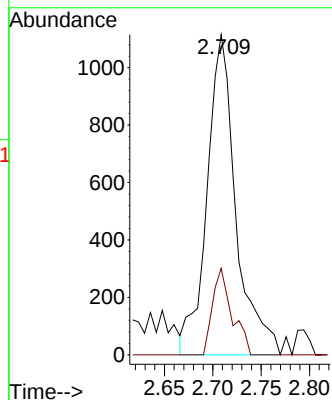
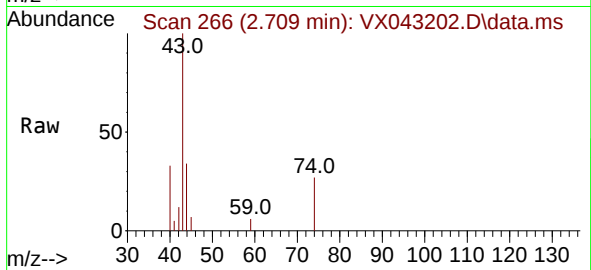




#18
Methyl Acetate
Concen: 1.242 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

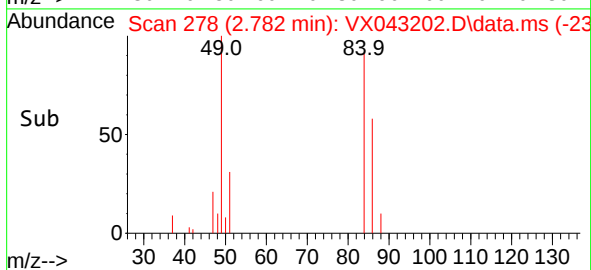
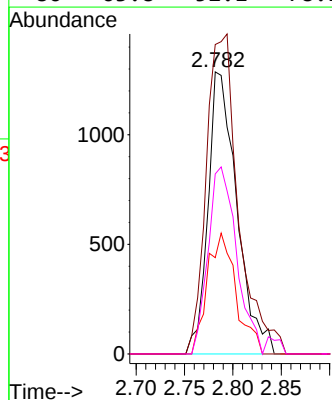
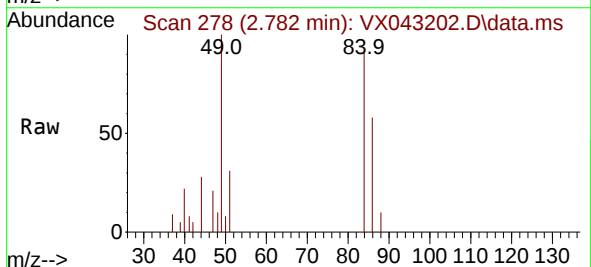
Instrument :
MSVOA_X
ClientSampleId :

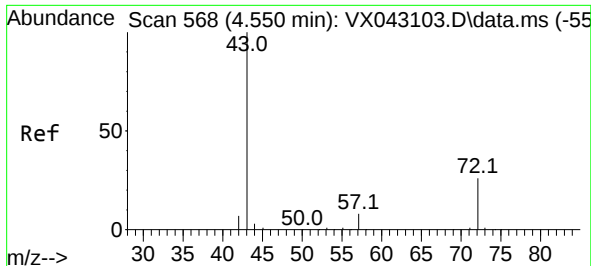
Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
74 18.2 19.2 28.8#



#20
Methylene Chloride
Concen: 2.427 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Tgt Ion: 84 Resp: 2676
Ion Ratio Lower Upper
84 100
49 109.7 104.1 156.1
51 34.1 31.1 46.7
86 63.8 52.1 78.1

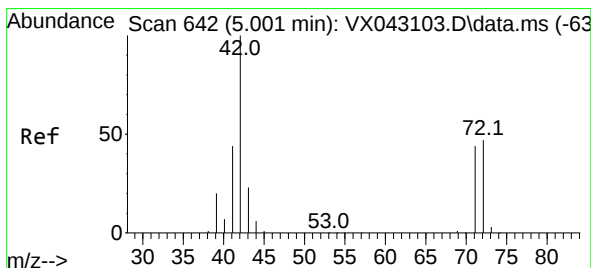
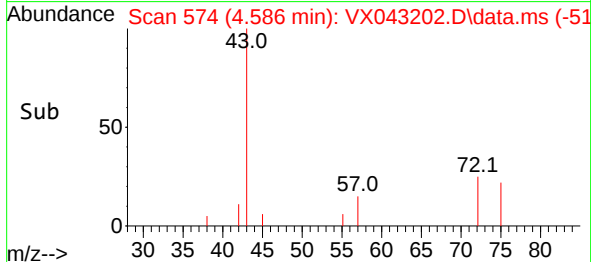
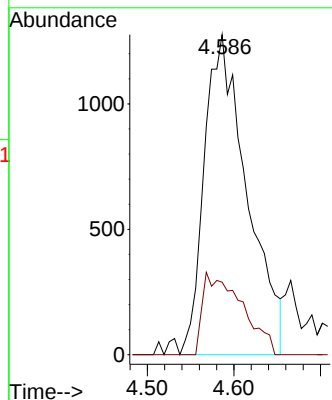
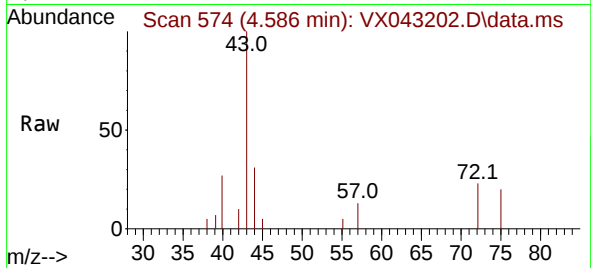




#25
2-Butanone
Concen: 4.883 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

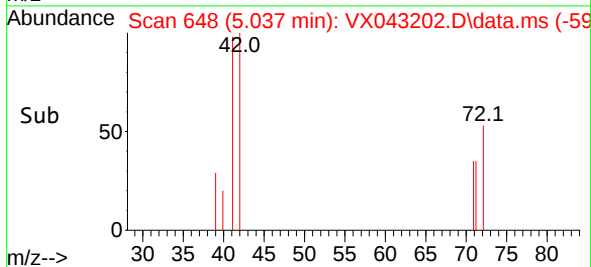
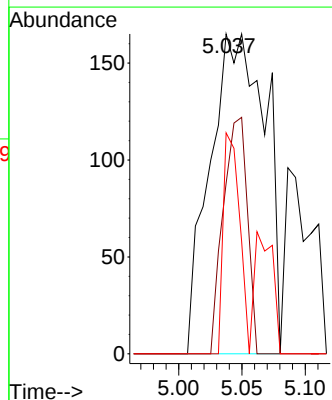
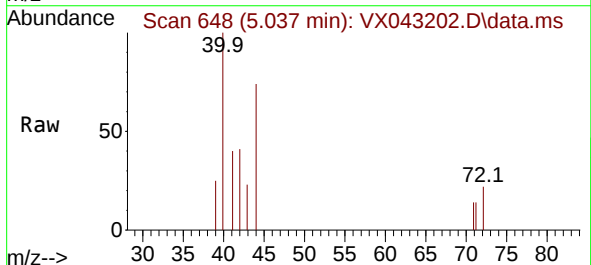
Instrument :
MSVOA_X
ClientSampleId :

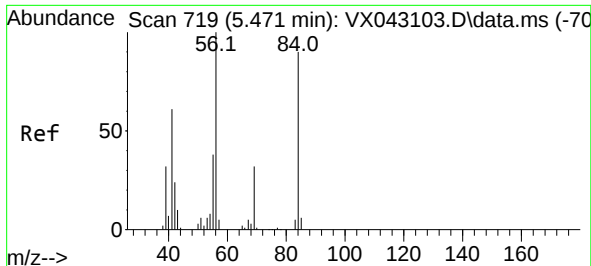
Tgt Ion: 43 Resp: 4363
Ion Ratio Lower Upper
43 100
72 22.6 20.7 31.1



#29
Tetrahydrofuran
Concen: 0.938 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.036 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

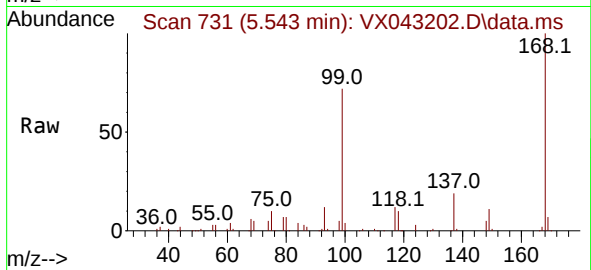
Tgt Ion: 42 Resp: 504
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 20.2 34.8 52.2#



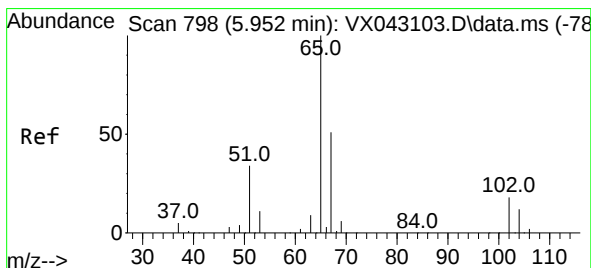
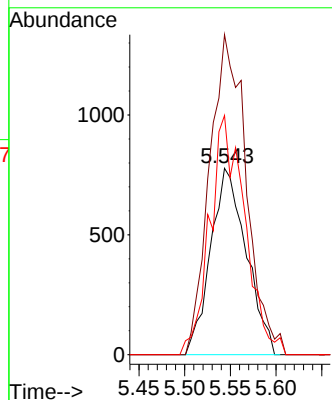
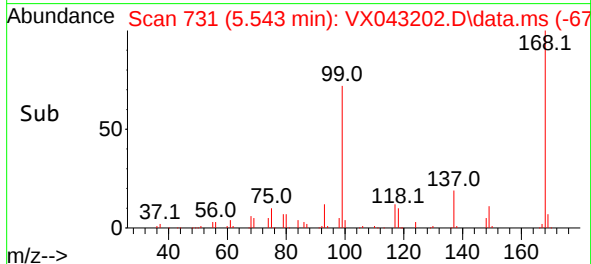


#31
Cyclohexane
Concen: 1.448 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Instrument :
MSVOA_X
ClientSampleId :

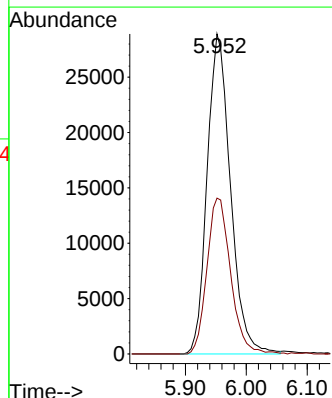
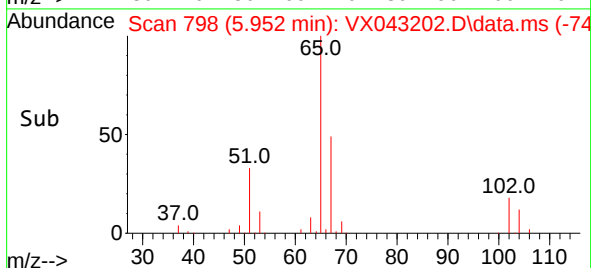
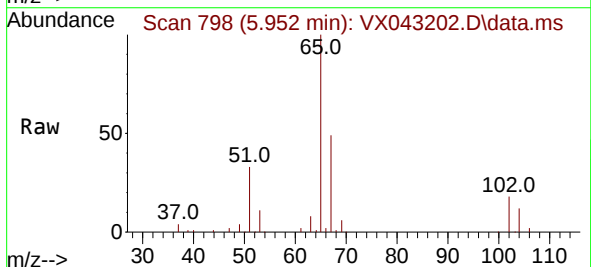


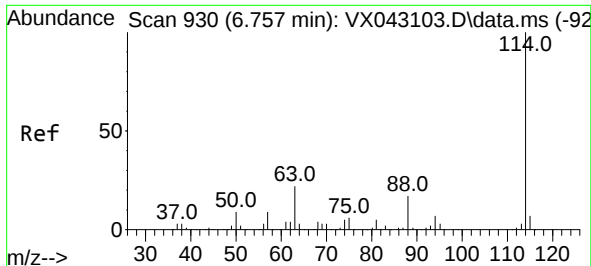
Tgt Ion: 56 Resp: 2110
Ion Ratio Lower Upper
56 100
69 171.6 25.8 38.6#
84 128.3 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 51.918 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Tgt Ion: 65 Resp: 76948
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

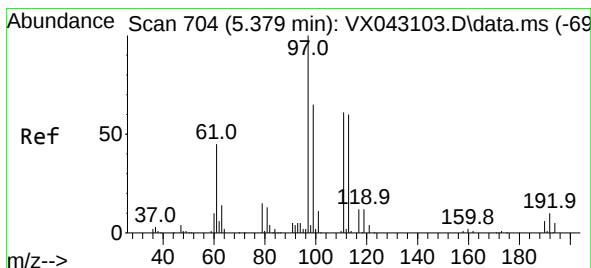
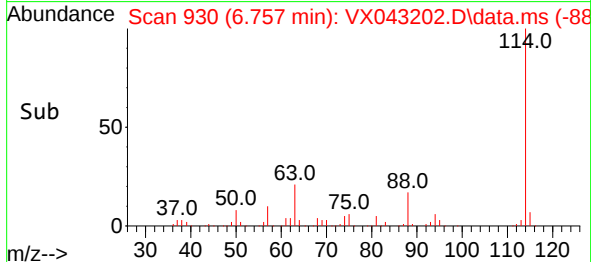
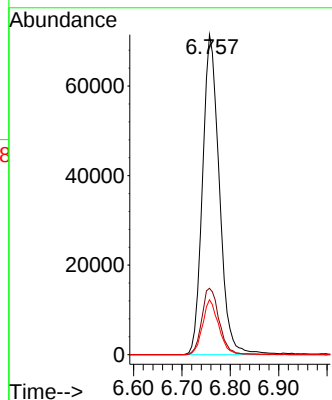
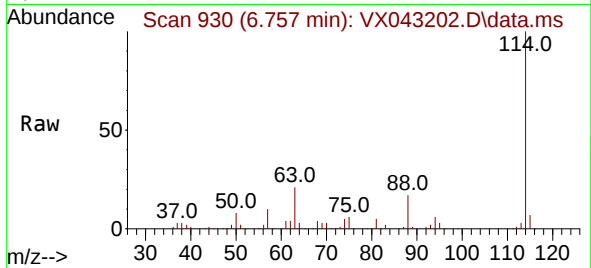




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

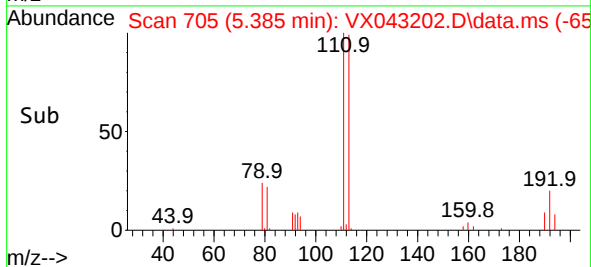
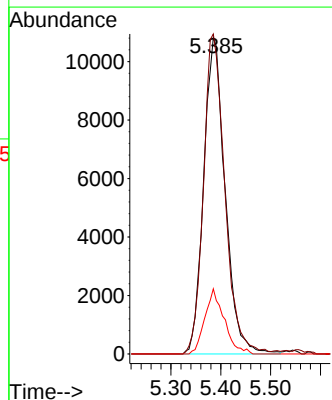
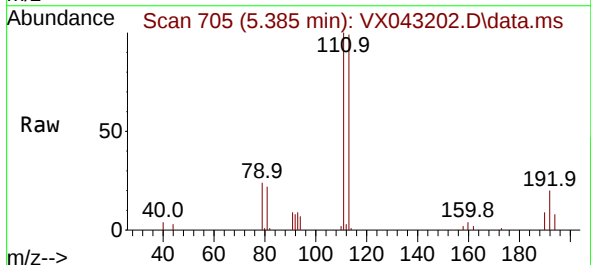
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MSVOA_X
ClientSampleId :

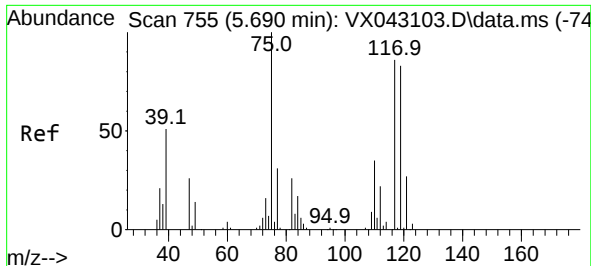
Tgt Ion:114 Resp: 172691
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 17.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 26.575 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Tgt Ion:113 Resp: 32374
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 18.5 14.6 22.0





#36

1,1-Dichloropropene

Concen: 5.214 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.147 min

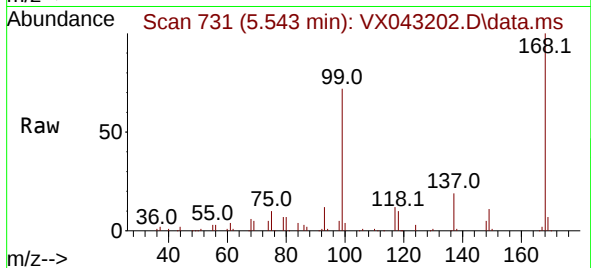
Lab File: VX043202.D

Acq: 30 Sep 2024 16:37

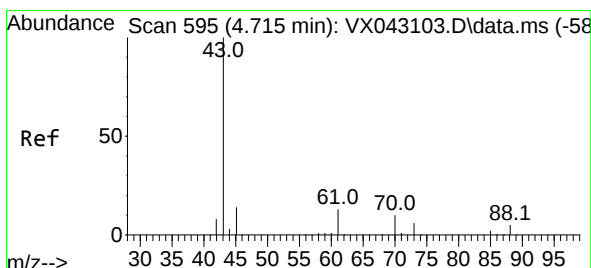
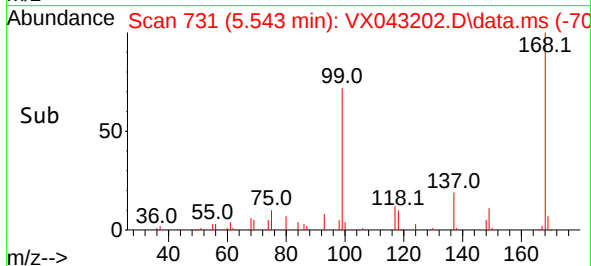
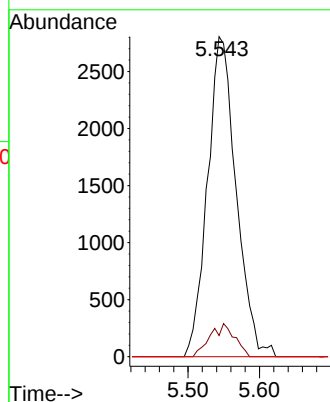
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	7805
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.4#
77	0.0	25.2	37.8#



#37

Ethyl Acetate

Concen: 2.320 ug/l

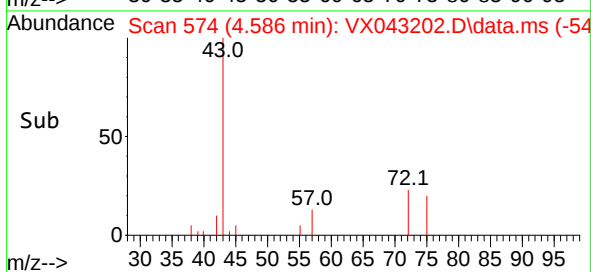
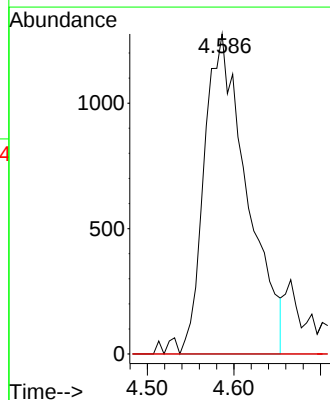
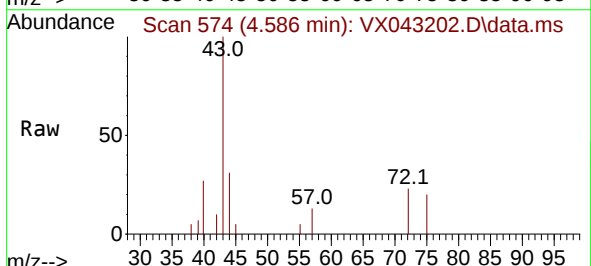
RT: 4.586 min Scan# 574

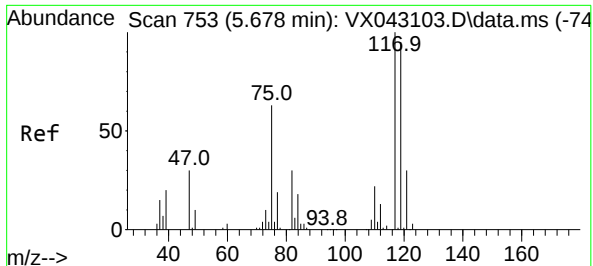
Delta R.T. -0.128 min

Lab File: VX043202.D

Acq: 30 Sep 2024 16:37

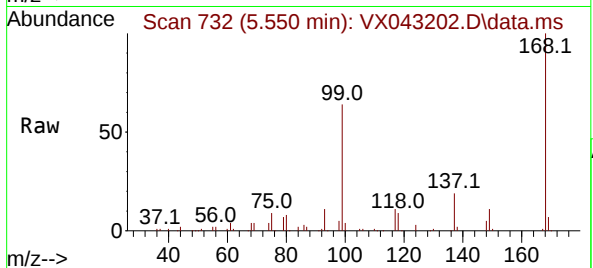
Tgt Ion:	43	Resp:	4363
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	8.6	13.0#



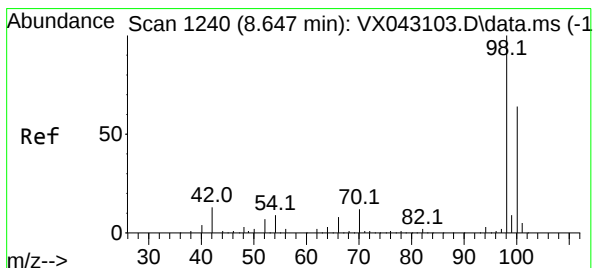
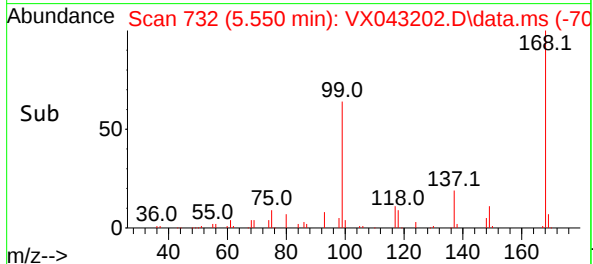
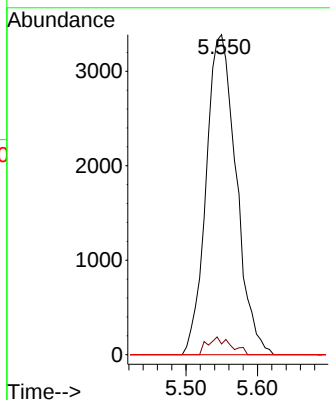


#38
Carbon Tetrachloride
Concen: 5.123 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Instrument :
MSVOA_X
ClientSampleId :

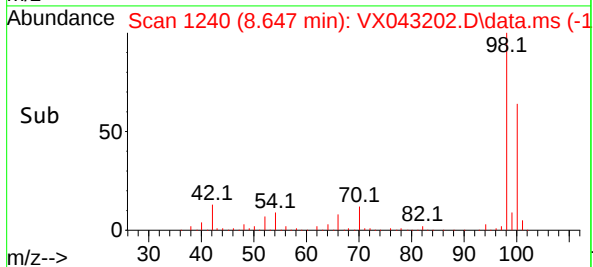
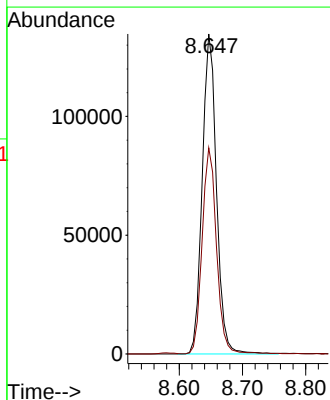
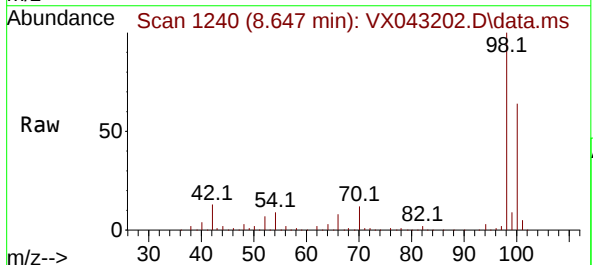


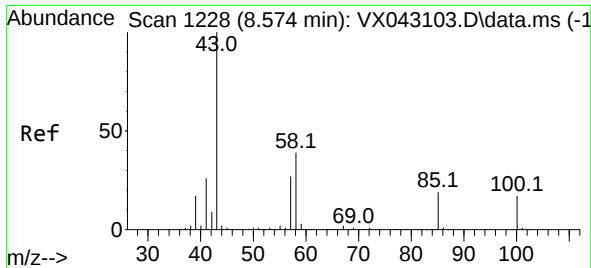
Tgt Ion:117 Resp: 9879
Ion Ratio Lower Upper
117 100
119 3.3 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Tgt Ion: 98 Resp: 211227
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

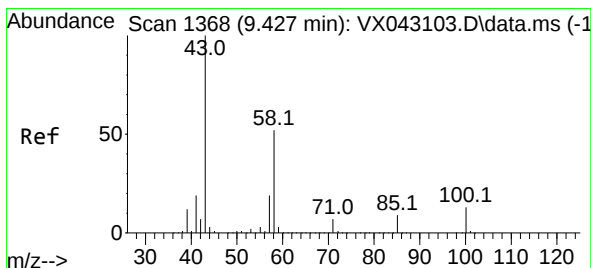
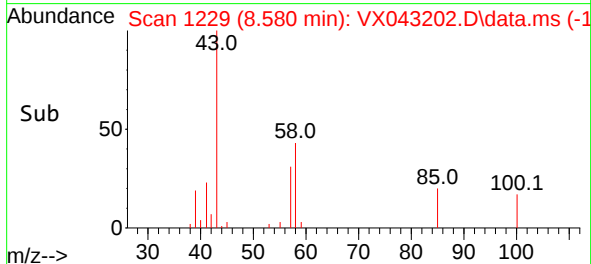
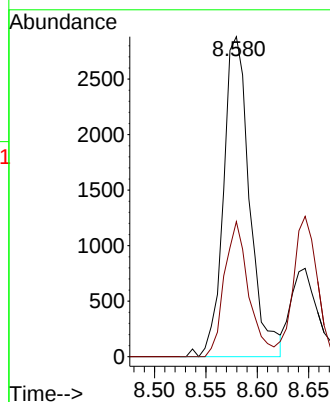
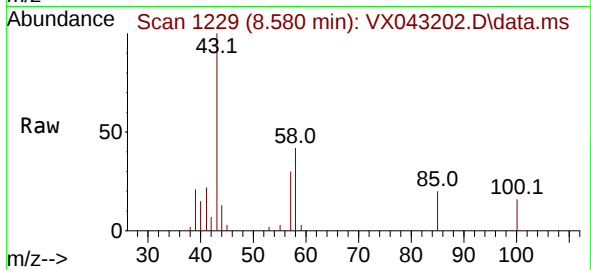




#51
4-Methyl-2-Pentanone
Concen: 2.645 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

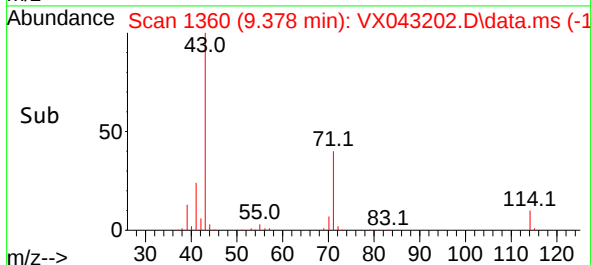
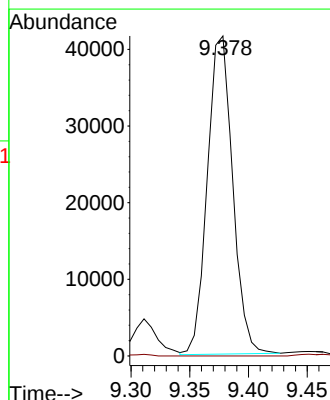
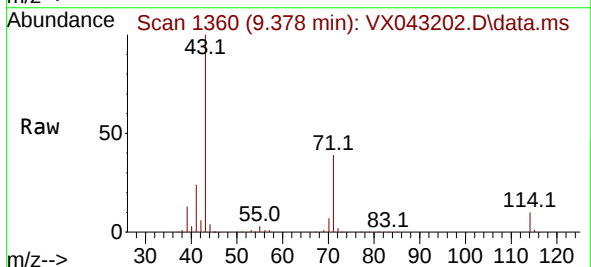
Instrument :
MSVOA_X
ClientSampleId :

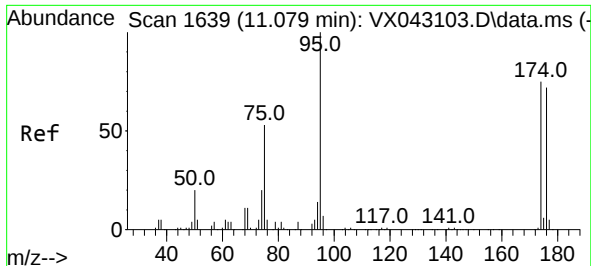
Tgt Ion: 43 Resp: 5103
Ion Ratio Lower Upper
43 100
58 39.3 30.3 45.5



#59
2-Hexanone
Concen: 41.306 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX043202.D
Acq: 30 Sep 2024 16:37

Tgt Ion: 43 Resp: 62313
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.2#





#62

4-Bromofluorobenzene

Concen: 46.432 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043202.D

Acq: 30 Sep 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

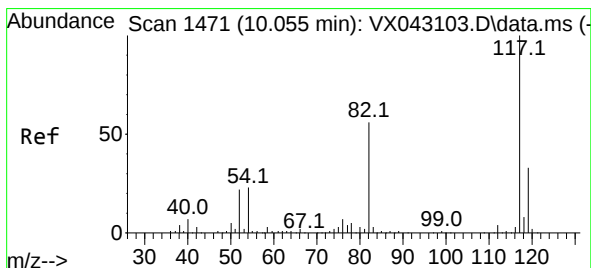
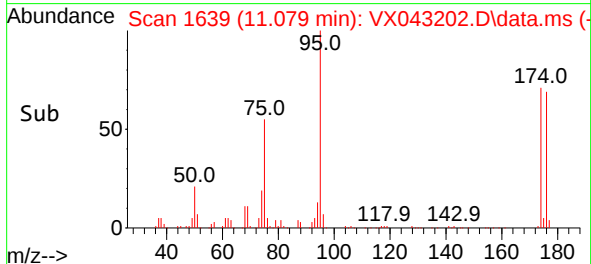
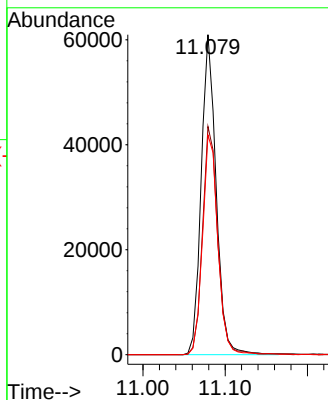
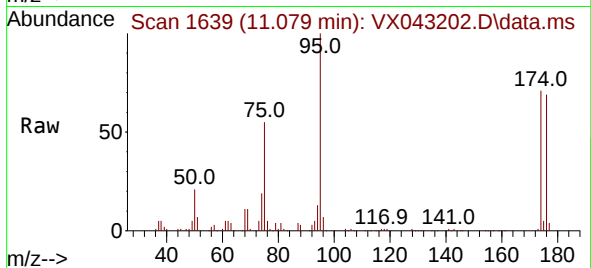
Tgt Ion: 95 Resp: 77068

Ion Ratio Lower Upper

95 100

174 72.4 0.0 146.0

176 70.4 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043202.D

Acq: 30 Sep 2024 16:37

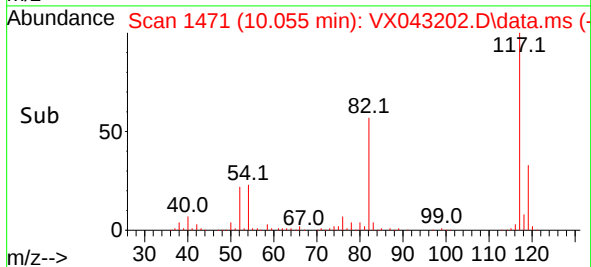
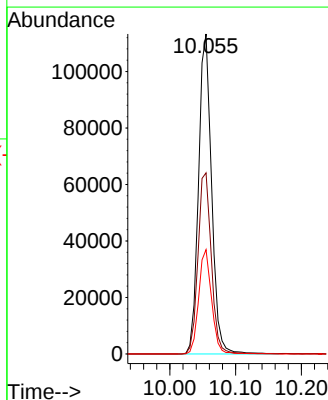
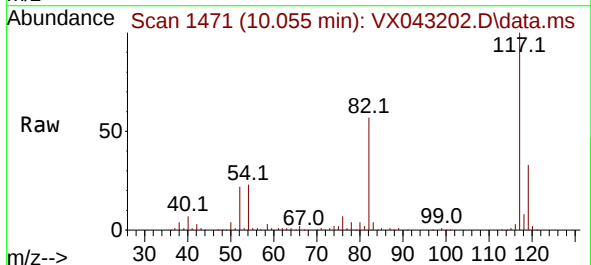
Tgt Ion: 117 Resp: 156392

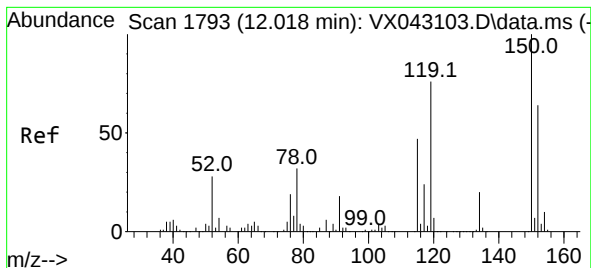
Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043202.D

Acq: 30 Sep 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

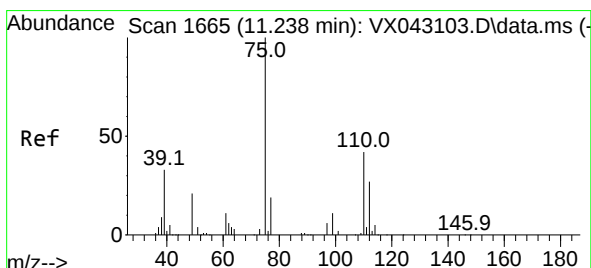
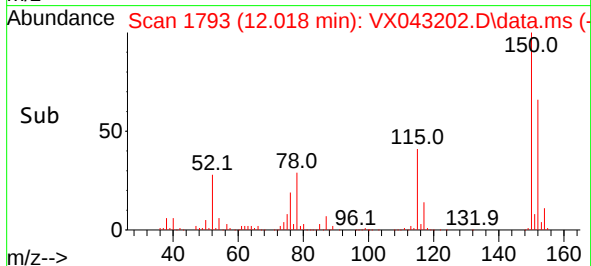
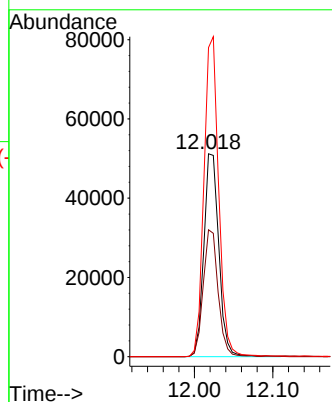
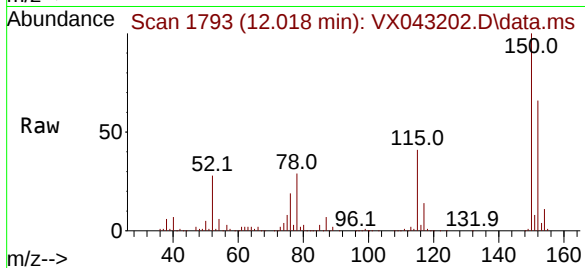
Tgt Ion:152 Resp: 67934

Ion Ratio Lower Upper

152 100

115 62.4 43.7 131.1

150 155.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 29.237 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043202.D

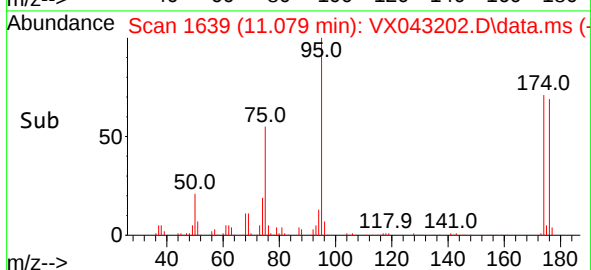
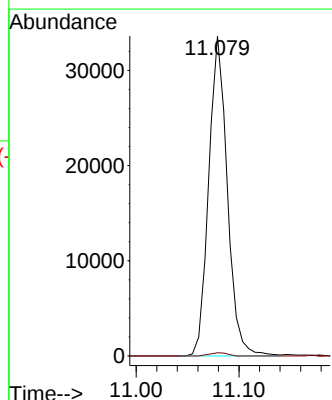
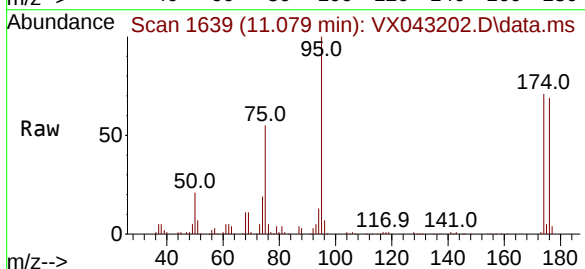
Acq: 30 Sep 2024 16:37

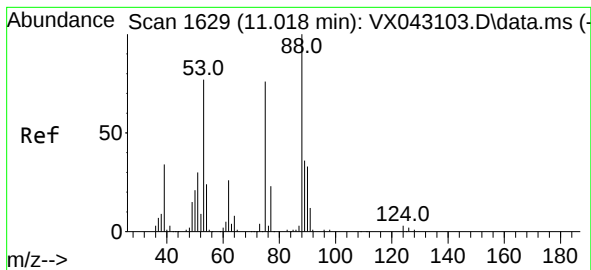
Tgt Ion: 75 Resp: 42227

Ion Ratio Lower Upper

75 100

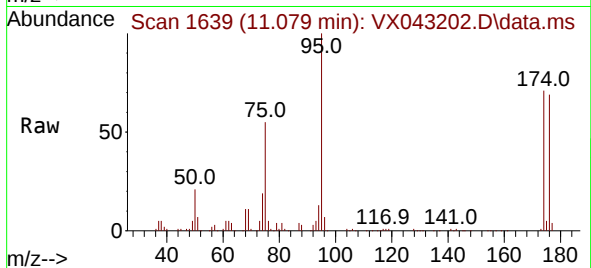
77 1.0 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.659 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX043202.D
 Acq: 30 Sep 2024 16:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 42227
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.2#
 89 0.0 38.8 58.2#

