

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043181.D
 Acq On : 26 Sep 2024 16:21
 Operator : JC/MD
 Sample : P4144-06ME 200X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:43:03 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)

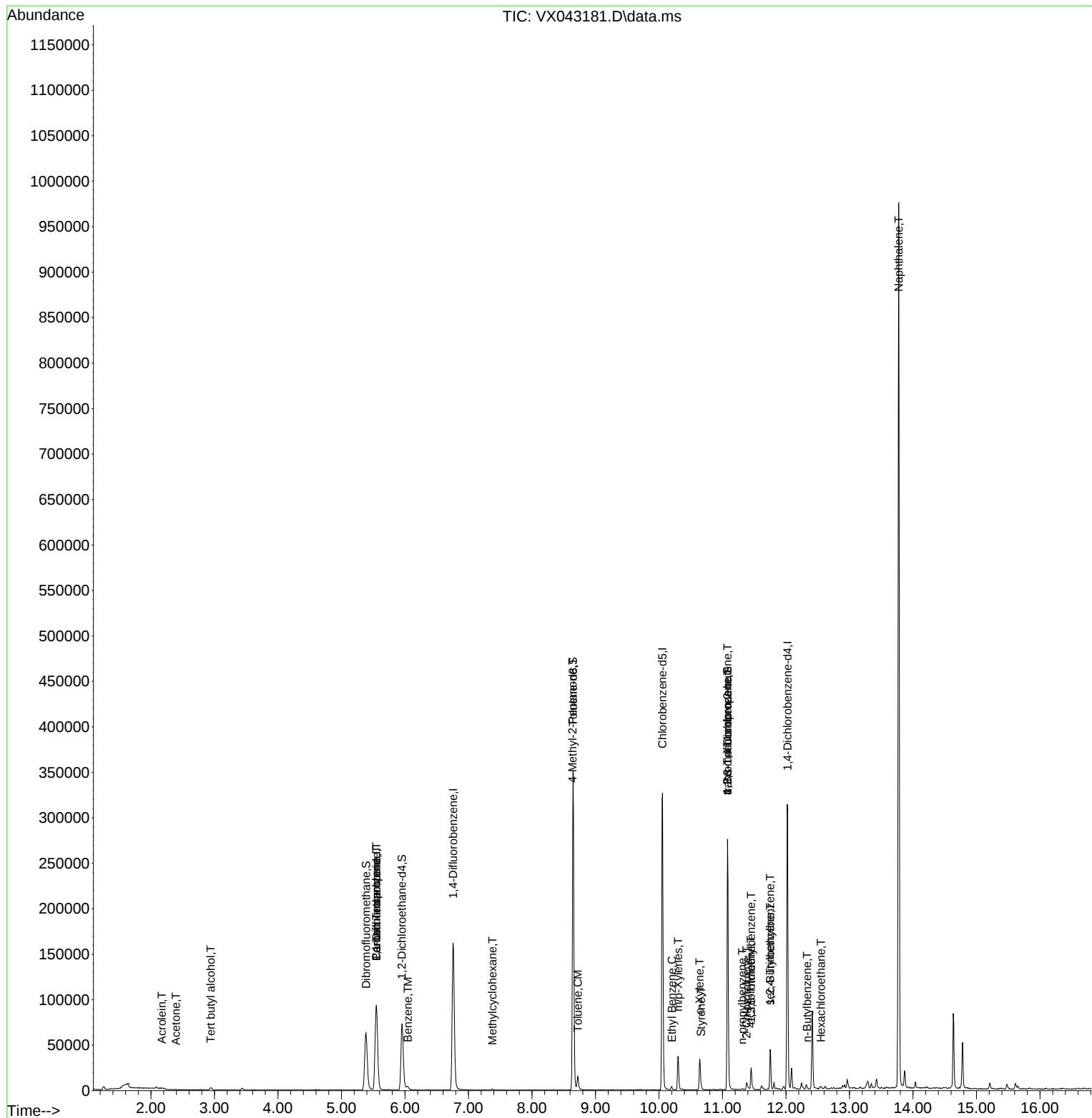
Internal Standards						
1) Pentafluorobenzene	5.550	168	85728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73833	51.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.700%	
35) Dibromofluoromethane	5.385	113	55926	48.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.080%	
50) Toluene-d8	8.647	98	201803	51.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	11.079	95	74087	46.714	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1543	4.853	ug/l #	71
13) Acrolein	2.172	56	19	0.454	ug/l #	1
16) Acetone	2.392	43	796	1.195	ug/l #	72
36) 1,1-Dichloropropene	5.550	75	7558	5.284	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9694	5.261	ug/l #	15
39) Methylcyclohexane	7.379	83	402	0.224	ug/l #	50
40) Benzene	6.044	78	4467	1.058	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	1126	0.611	ug/l #	1
52) Toluene	8.720	92	5455	2.007	ug/l	97
67) Ethyl Benzene	10.201	91	2556	0.465	ug/l	90
68) m/p-Xylenes	10.299	106	8911	4.353	ug/l	98
69) o-Xylene	10.640	106	7421	3.615	ug/l	96
70) Styrene	10.659	104	2409	0.703	ug/l #	57
76) 1,2,3-Trichloropropane	11.079	75	39453	28.813	ug/l #	34
78) n-propylbenzene	11.311	91	1212	0.221	ug/l	88
79) 2-Chlorotoluene	11.378	91	741	0.216	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	10673	2.671	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	39453	68.649	ug/l #	7
82) 4-Chlorotoluene	11.445	91	1729	0.440	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.750	105	19610	4.932	ug/l	100
85) sec-Butylbenzene	11.750	105	19610	3.875	ug/l #	57
89) n-Butylbenzene	12.329	91	1100	0.300	ug/l #	39
90) Hexachloroethane	12.549	117	455	0.543	ug/l #	17
95) Naphthalene	13.774	128	586301	130.669	ug/l	100

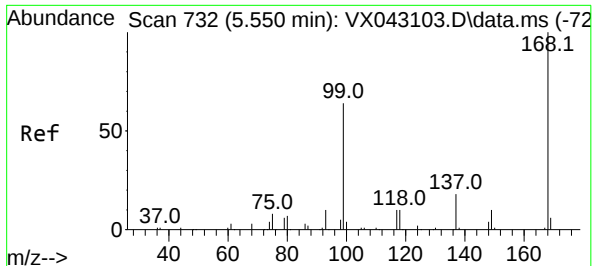
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

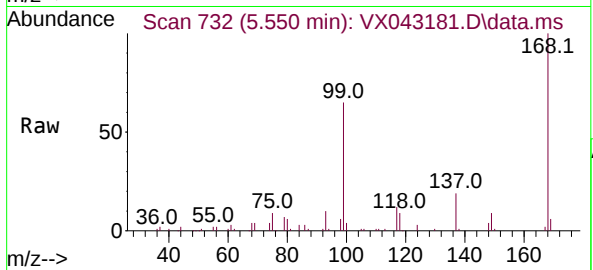
Quant Time: Sep 27 01:43:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



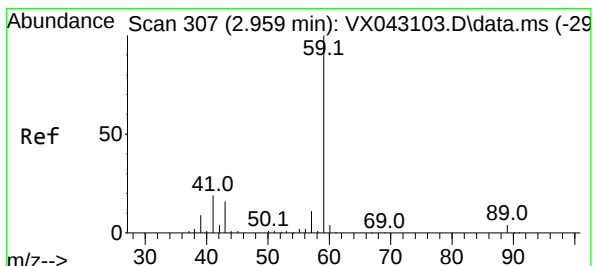
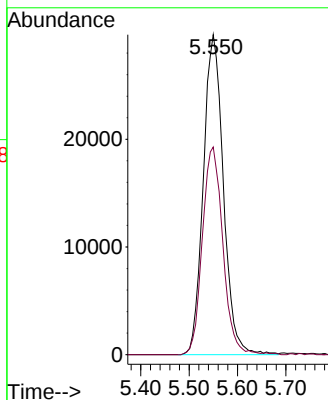
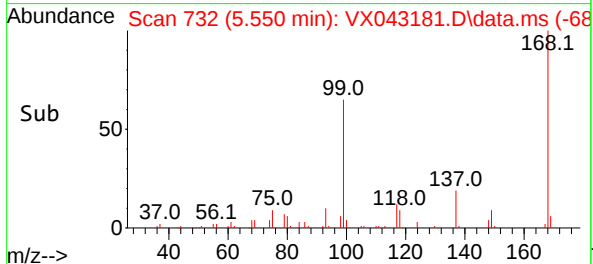


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

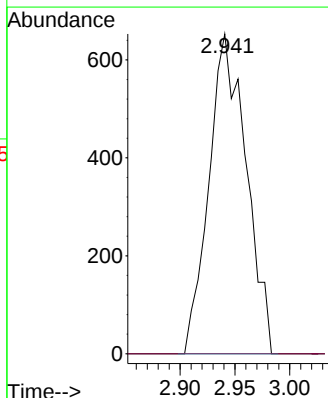
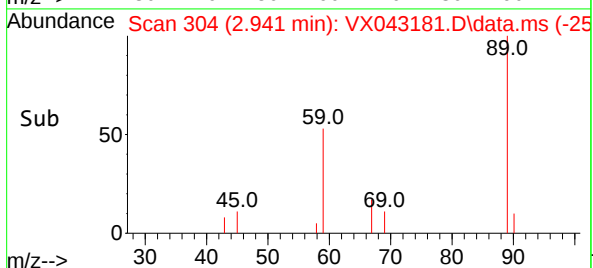
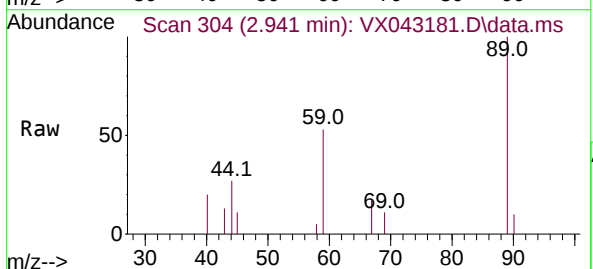


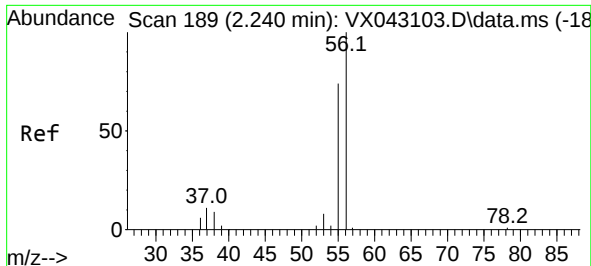
Tgt Ion:168 Resp: 85728
Ion Ratio Lower Upper
168 100
99 64.9 50.8 76.2



#11
Tert butyl alcohol
Concen: 4.853 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 59 Resp: 1543
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

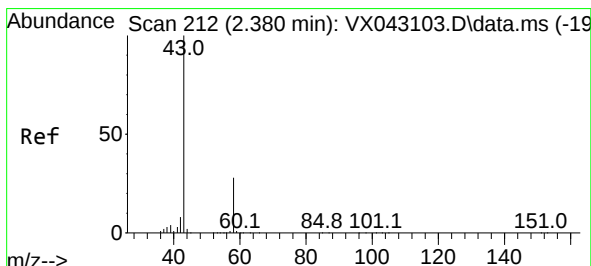
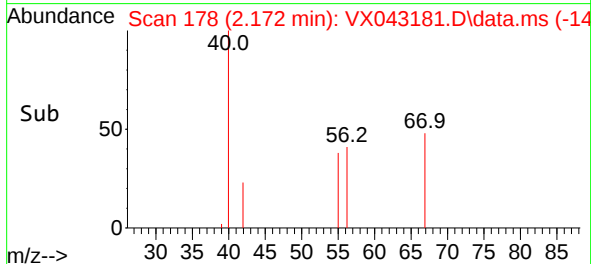
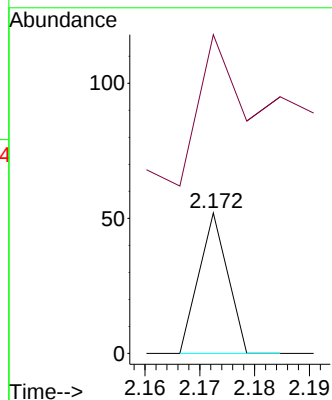
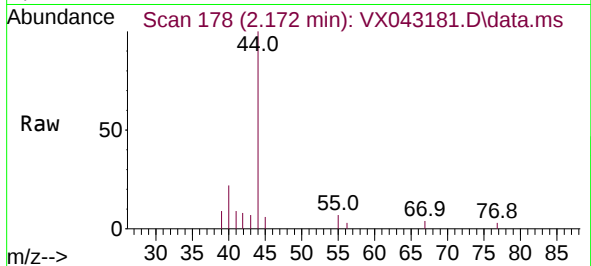




#13
Acrolein
Concen: 0.454 ug/l
RT: 2.172 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

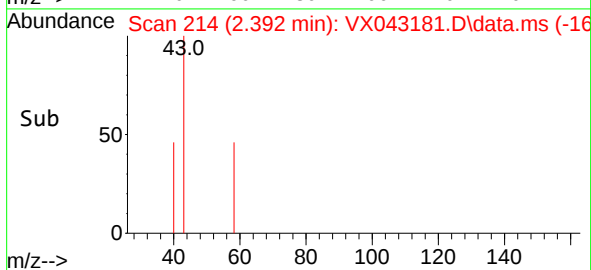
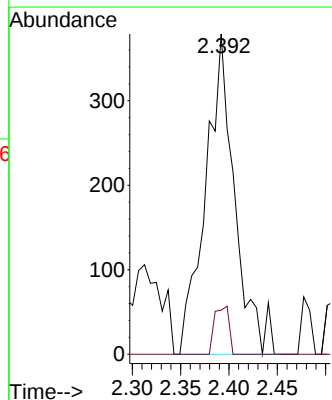
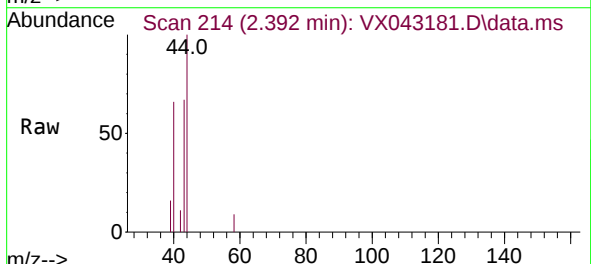
Instrument :
MSVOA_X
ClientSampleId :

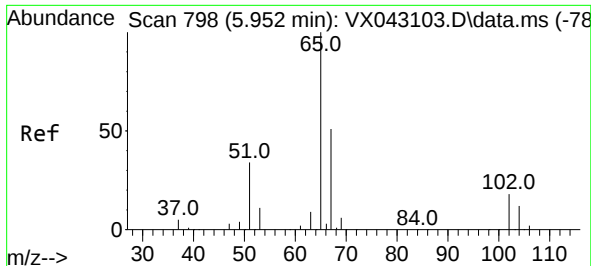
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 1463.2 55.8 83.6#



#16
Acetone
Concen: 1.195 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 13.7 22.6 34.0#





#33

1,2-Dichloroethane-d4

Concen: 51.850 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

Instrument :

MSVOA_X

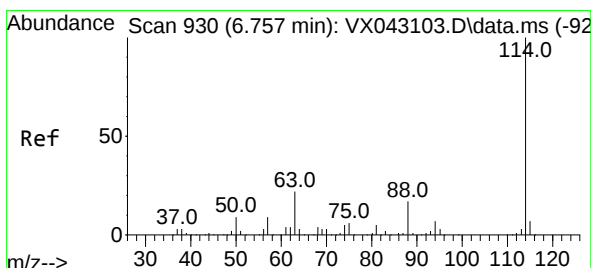
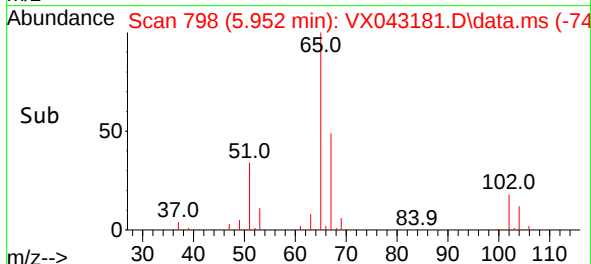
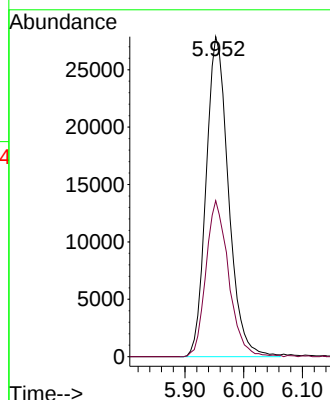
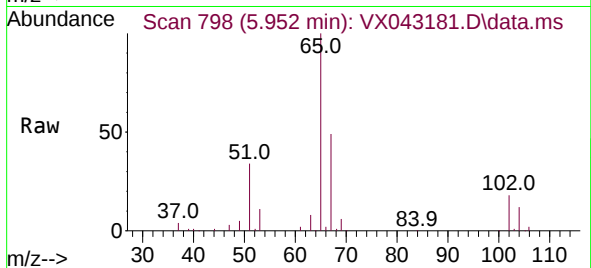
ClientSampleId :

Tgt Ion: 65 Resp: 73833

Ion Ratio Lower Upper

65 100

67 49.5 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: VX043181.D

Acq: 26 Sep 2024 16:21

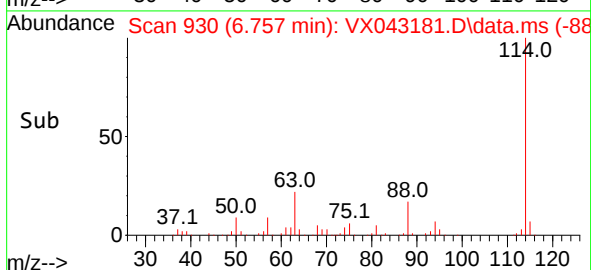
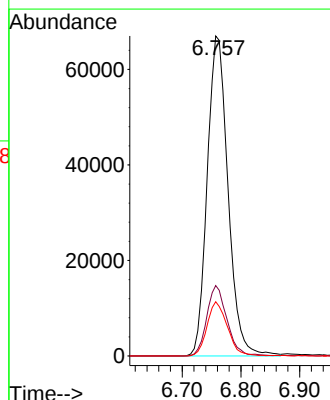
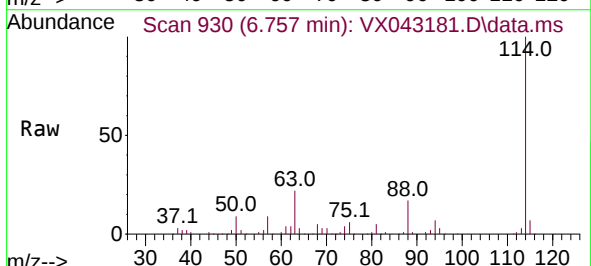
Tgt Ion: 114 Resp: 165010

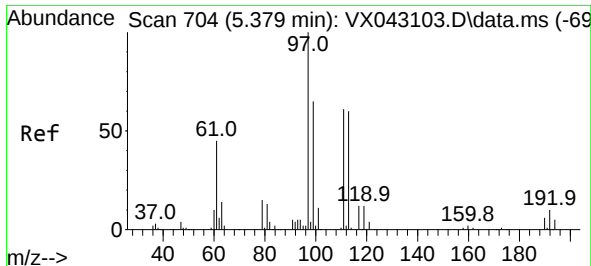
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.045 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

Instrument :

MSVOA_X

ClientSampleId :

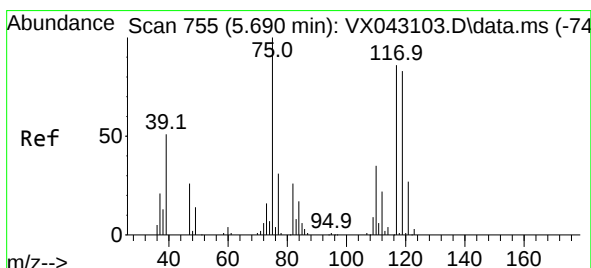
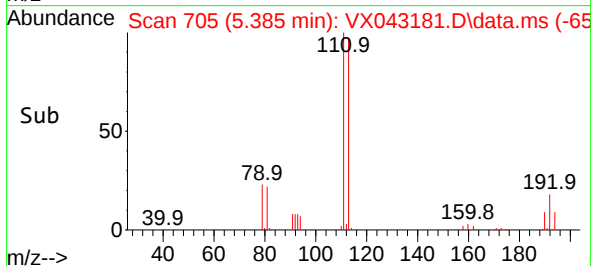
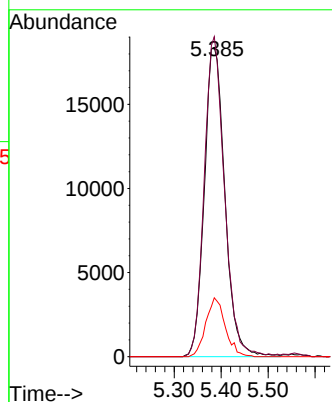
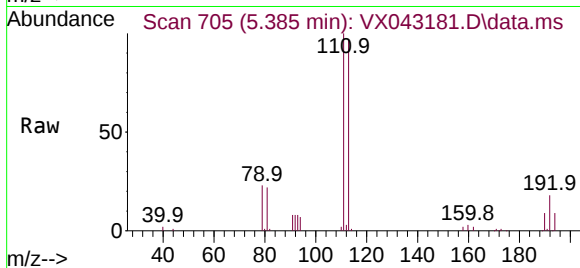
Tgt Ion:113 Resp: 55926

Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 18.0 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.284 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

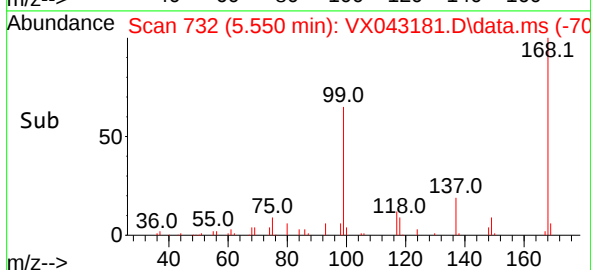
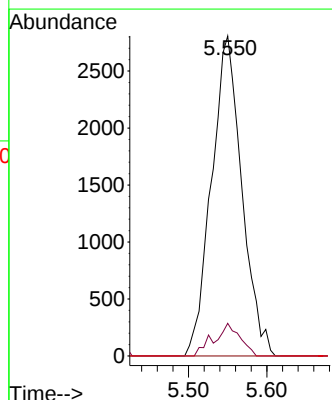
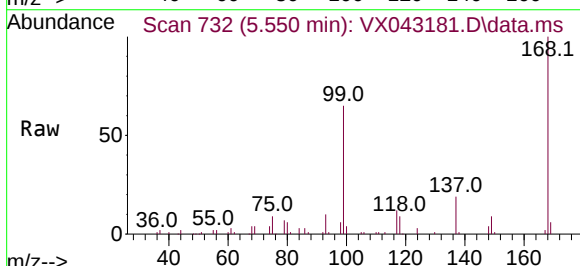
Tgt Ion: 75 Resp: 7558

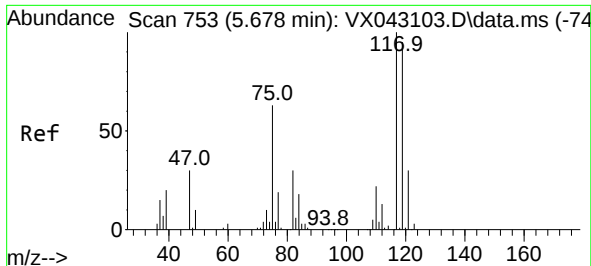
Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.4#

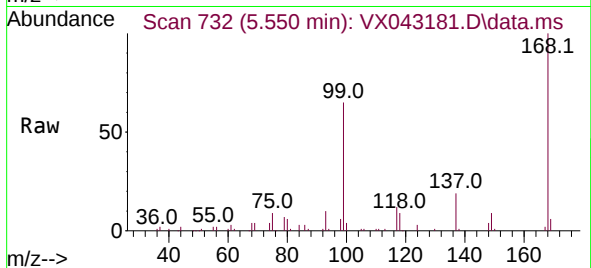
77 0.0 25.2 37.8#



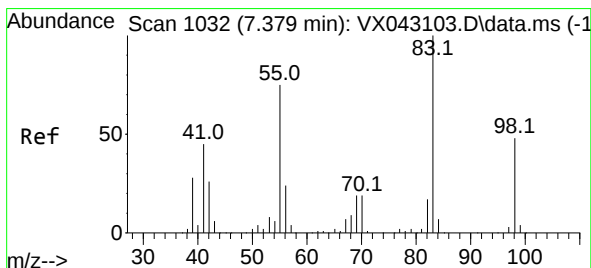
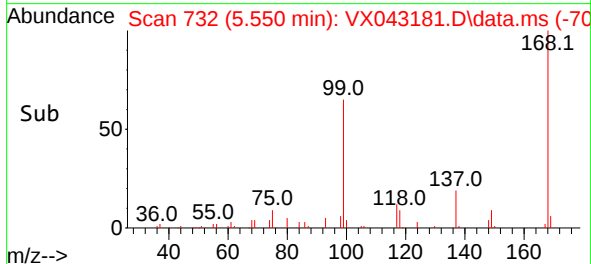
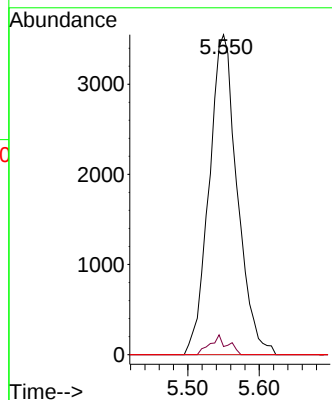


#38
Carbon Tetrachloride
Concen: 5.261 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

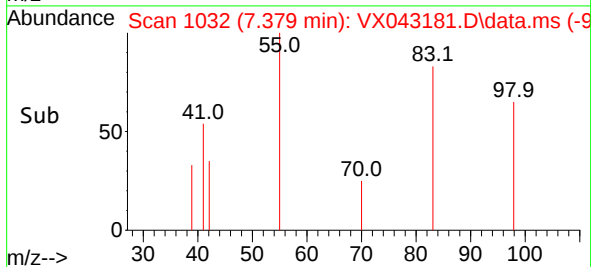
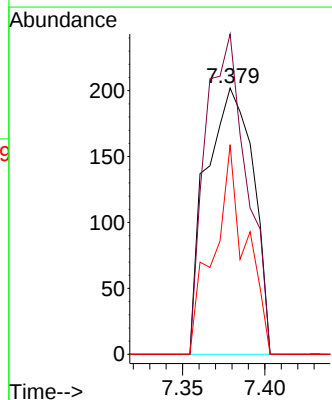
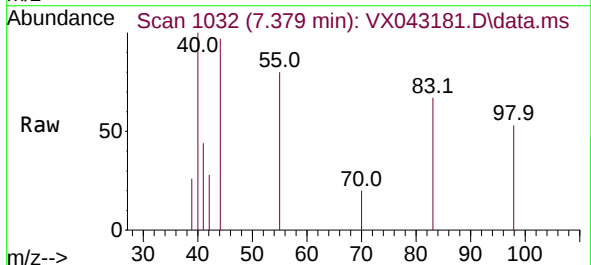


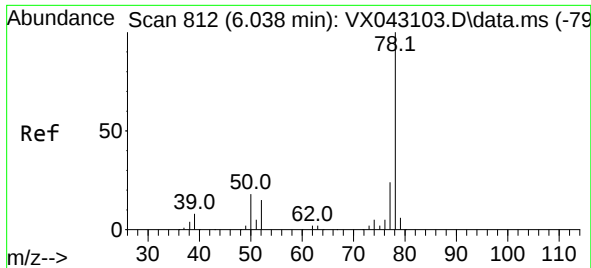
Tgt Ion:117 Resp: 9694
Ion Ratio Lower Upper
117 100
119 2.5 75.5 113.3#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.224 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 83 Resp: 402
Ion Ratio Lower Upper
83 100
55 120.3 60.2 90.4#
98 78.7 38.6 58.0#

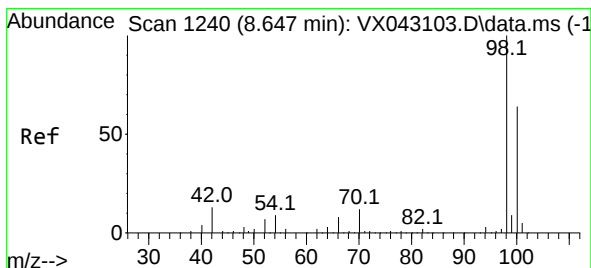
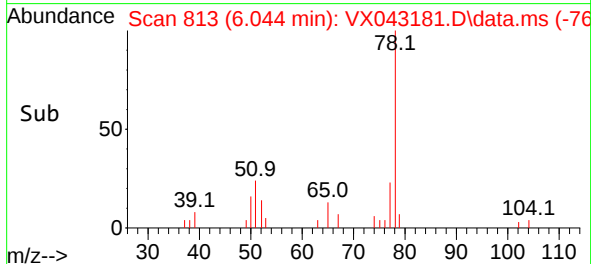
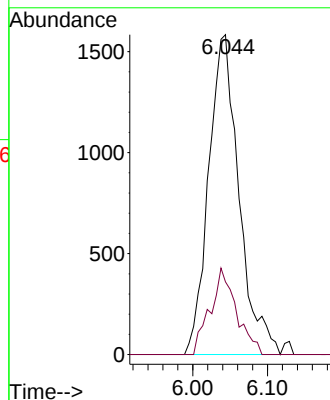
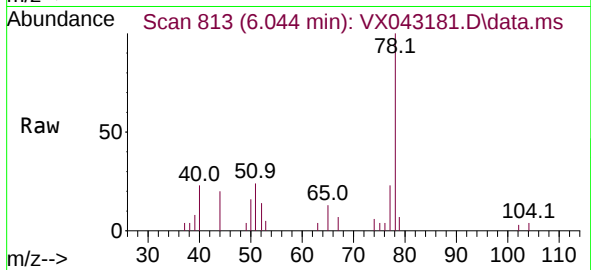




#40
Benzene
Concen: 1.058 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

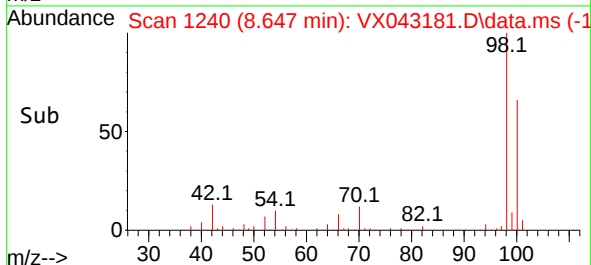
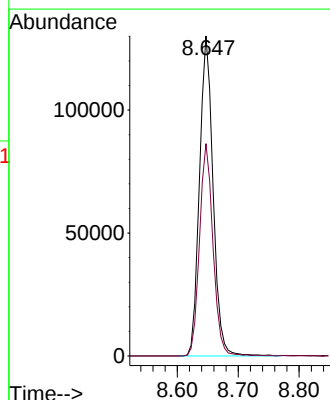
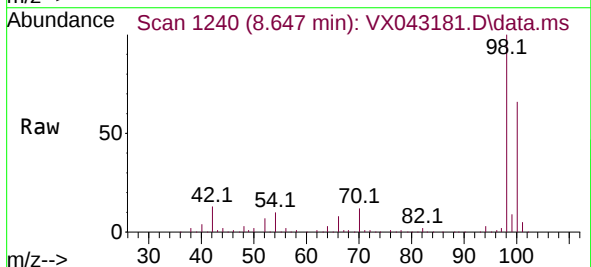
Instrument :
MSVOA_X
ClientSampleId :

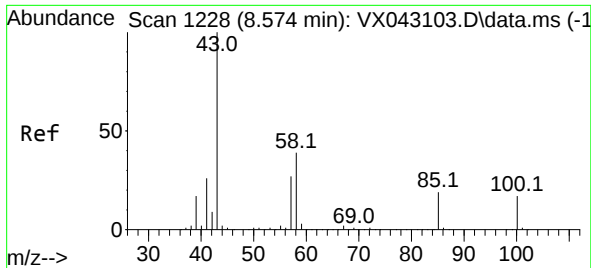
Tgt Ion: 78 Resp: 4467
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9



#50
Toluene-d8
Concen: 51.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 98 Resp: 201803
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

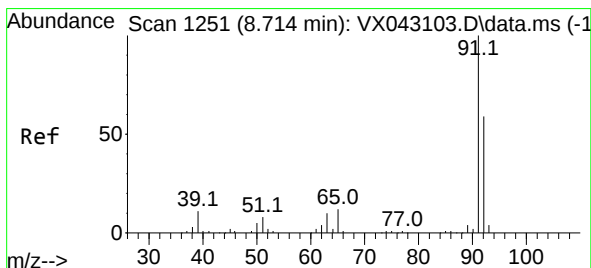
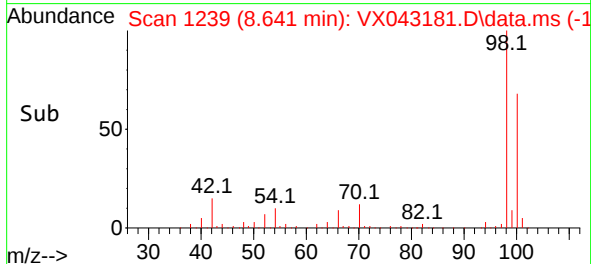
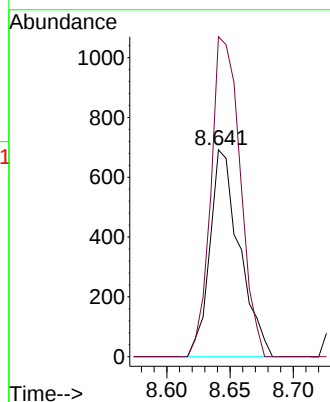
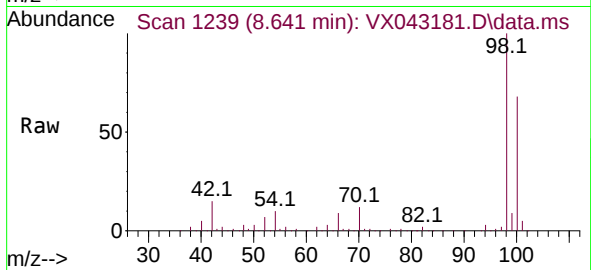




#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 8.641 min Scan# 1126
Delta R.T. 0.067 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

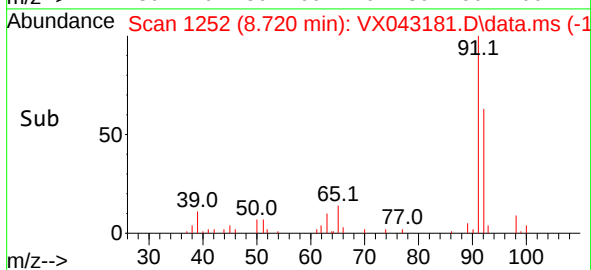
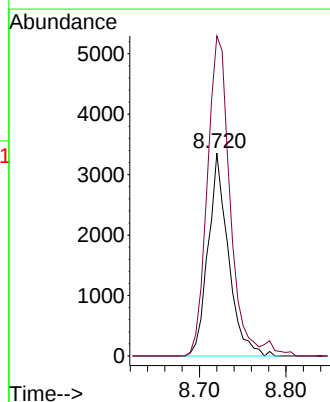
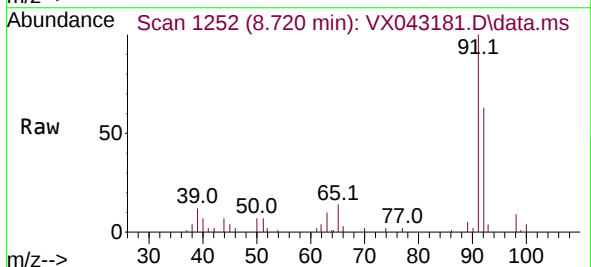
Instrument :
MSVOA_X
ClientSampleId :

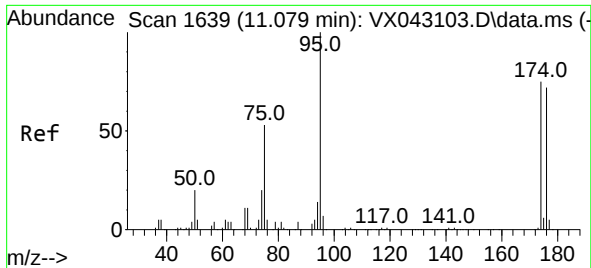
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 152.8 30.3 45.5#



#52
Toluene
Concen: 2.007 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 92 Resp: 5455
Ion Ratio Lower Upper
92 100
91 174.3 135.9 203.9

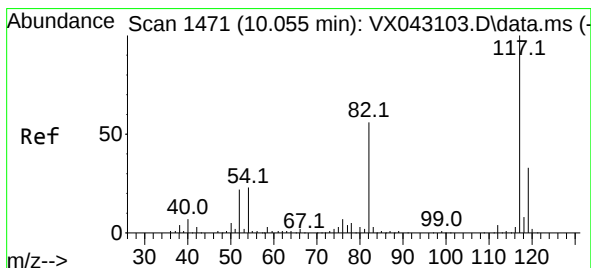
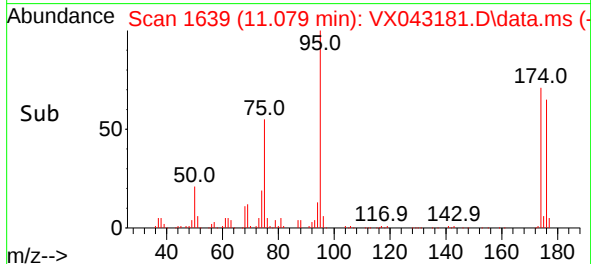
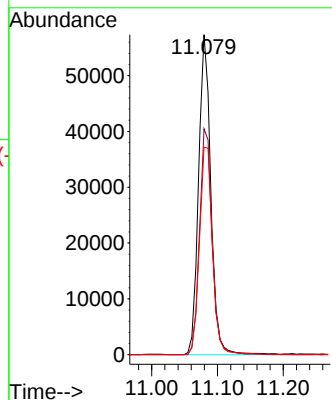
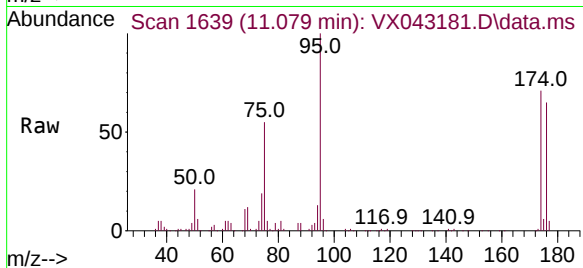




#62
4-Bromofluorobenzene
Concen: 46.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

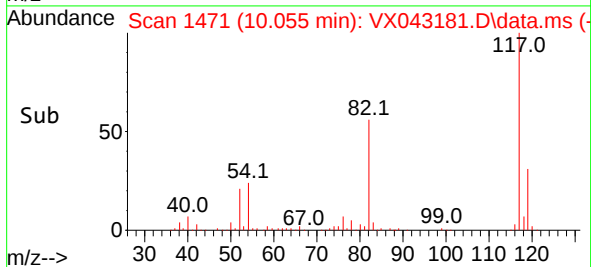
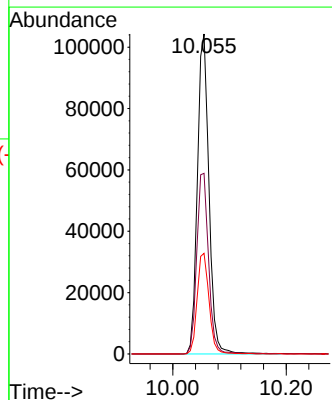
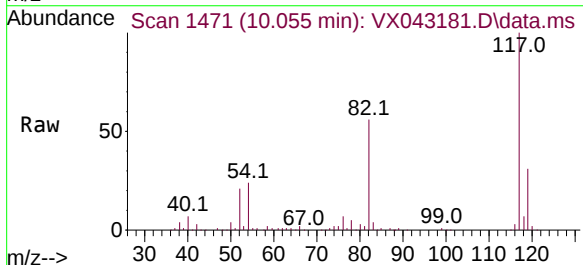
Instrument :
MSVOA_X
ClientSampleId :

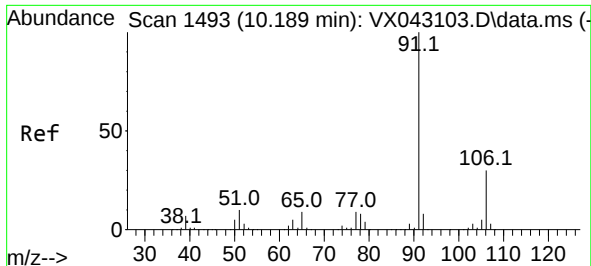
Tgt Ion: 95 Resp: 74087
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.0
176 69.1 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 117 Resp: 147394
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.4 26.3 39.5





#67

Ethyl Benzene

Concen: 0.465 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.012 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

Instrument :

MSVOA_X

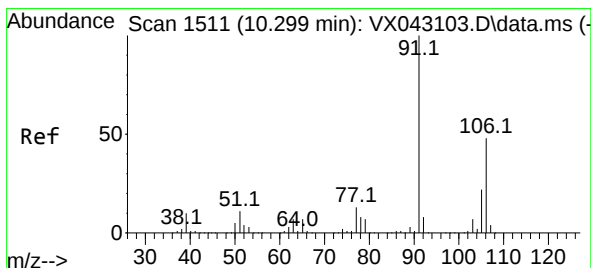
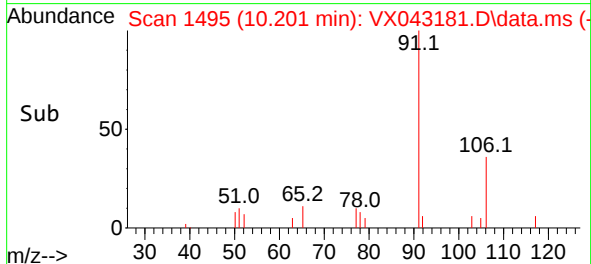
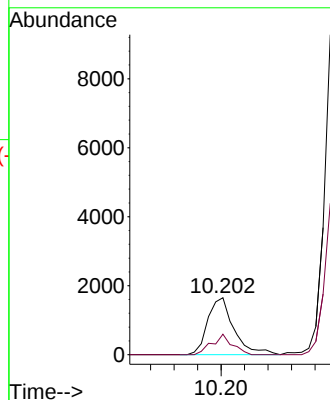
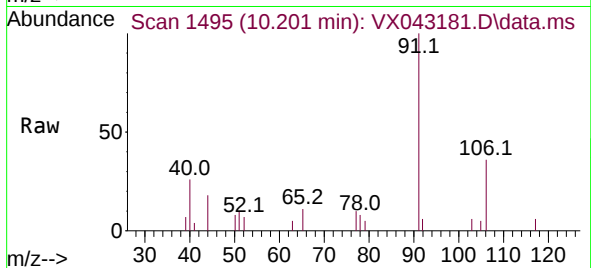
ClientSampleId :

Tgt Ion: 91 Resp: 2556

Ion Ratio Lower Upper

91 100

106 35.9 24.2 36.4



#68

m/p-Xylenes

Concen: 4.353 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043181.D

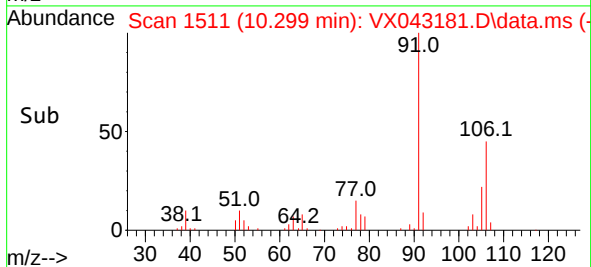
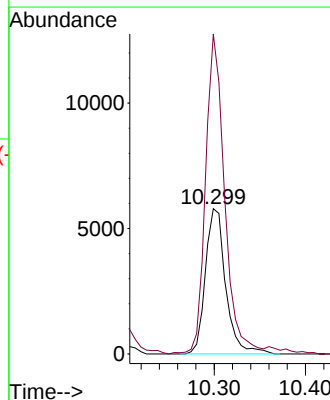
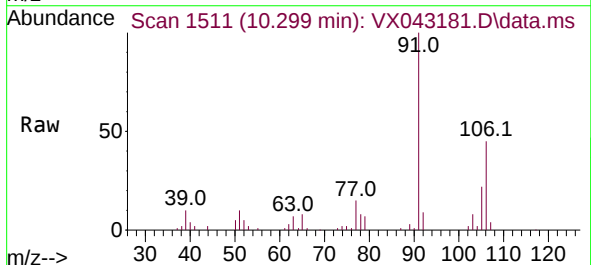
Acq: 26 Sep 2024 16:21

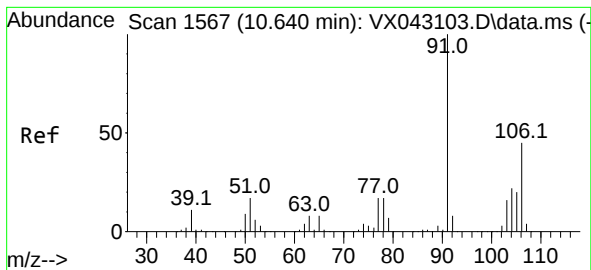
Tgt Ion: 106 Resp: 8911

Ion Ratio Lower Upper

106 100

91 206.6 167.5 251.3





#69

o-Xylene

Concen: 3.615 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

Instrument :

MSVOA_X

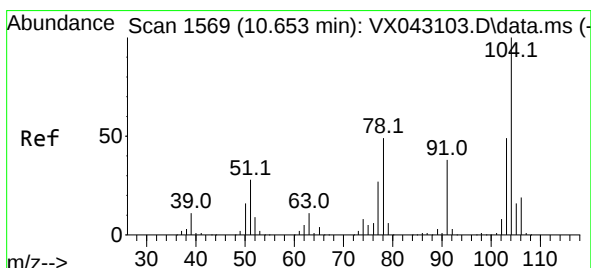
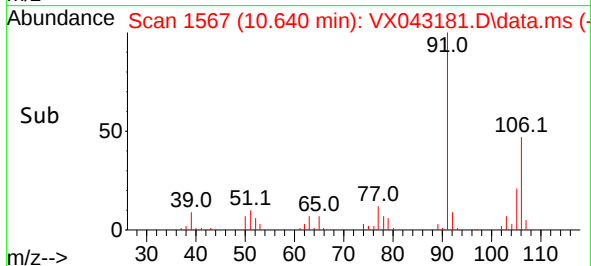
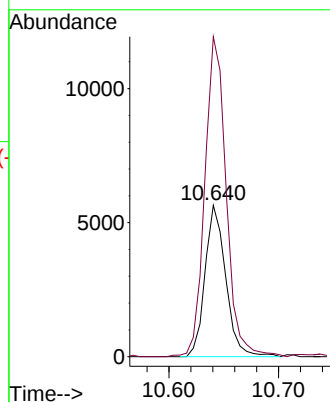
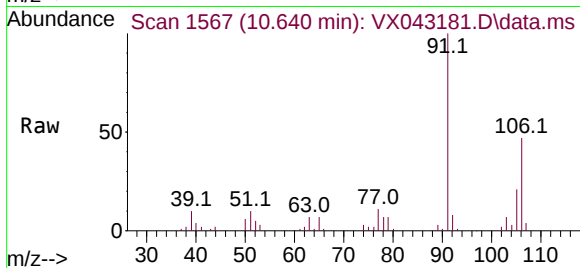
ClientSampleId :

Tgt Ion:106 Resp: 7421

Ion Ratio Lower Upper

106 100

91 218.1 112.5 337.4



#70

Styrene

Concen: 0.703 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

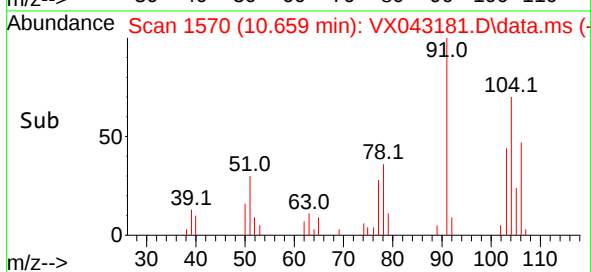
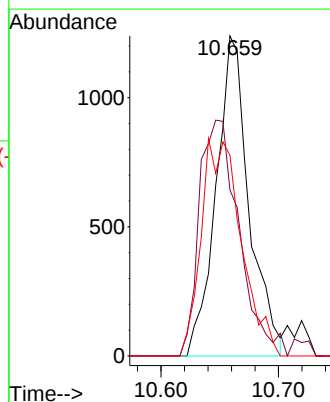
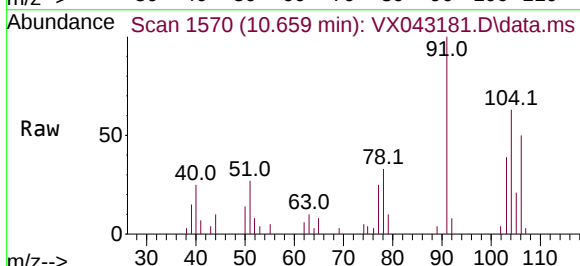
Tgt Ion:104 Resp: 2409

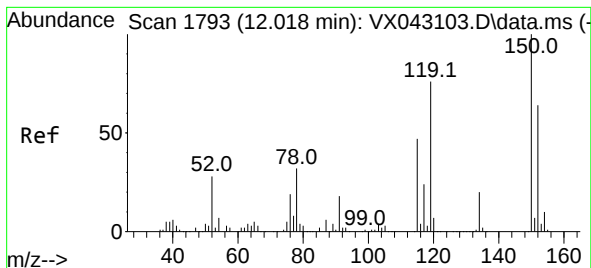
Ion Ratio Lower Upper

104 100

78 89.1 44.3 66.5#

103 82.3 43.4 65.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

Instrument :

MSVOA_X

ClientSampleId :

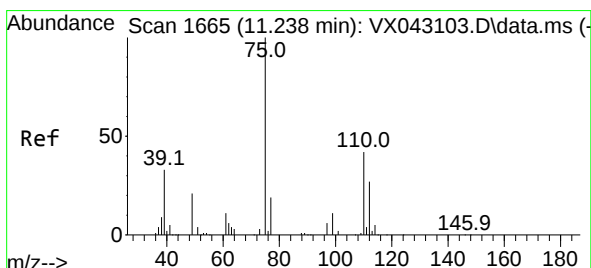
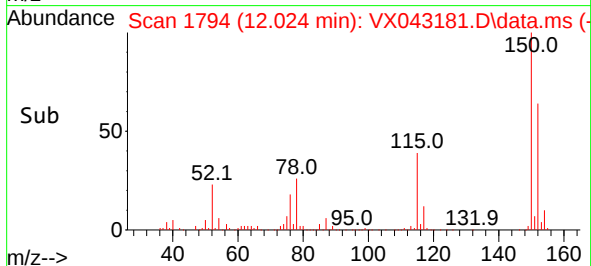
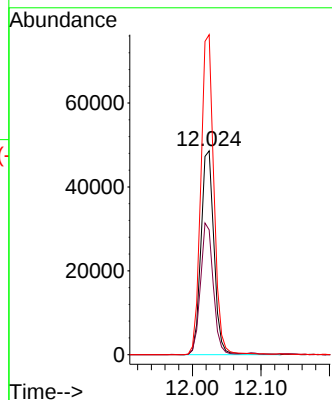
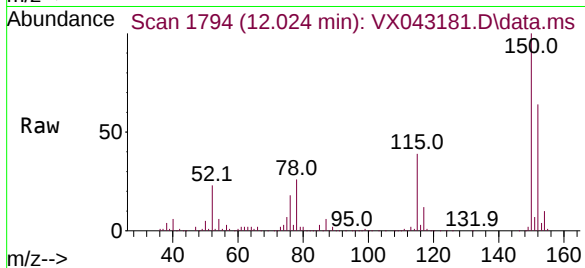
Tgt Ion:152 Resp: 64405

Ion Ratio Lower Upper

152 100

115 63.3 43.7 131.1

150 157.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 28.813 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043181.D

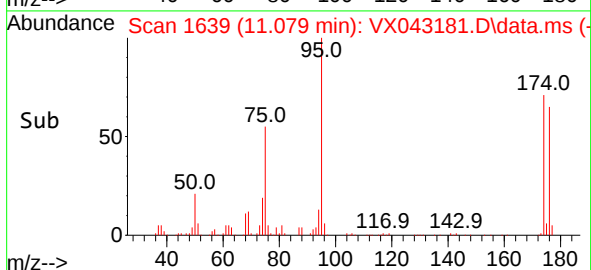
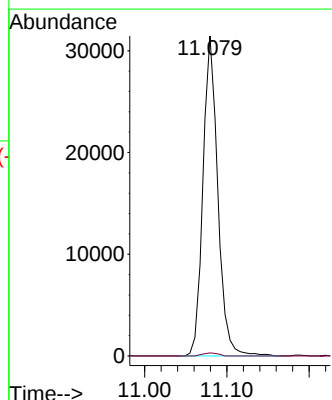
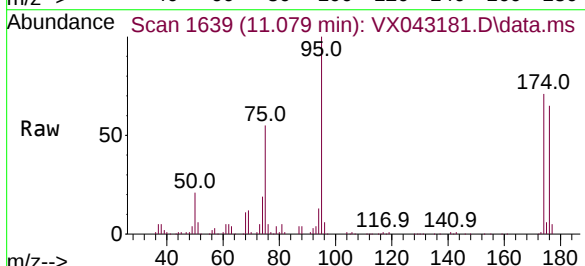
Acq: 26 Sep 2024 16:21

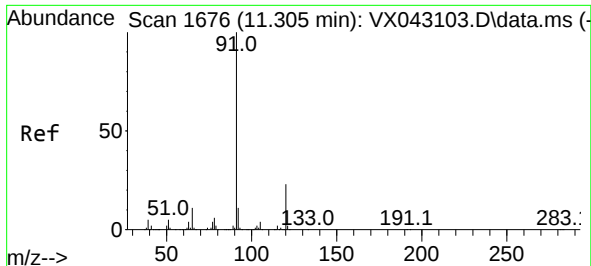
Tgt Ion: 75 Resp: 39453

Ion Ratio Lower Upper

75 100

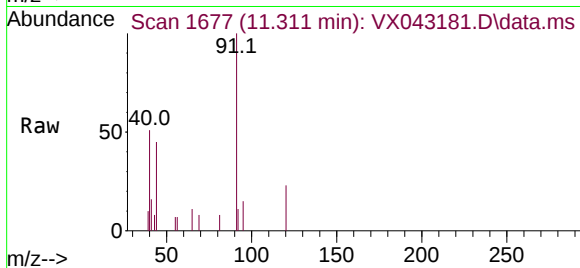
77 1.0 21.9 65.7#



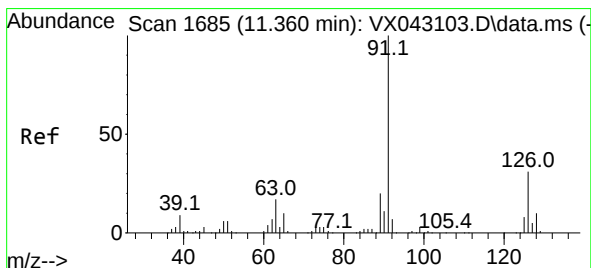
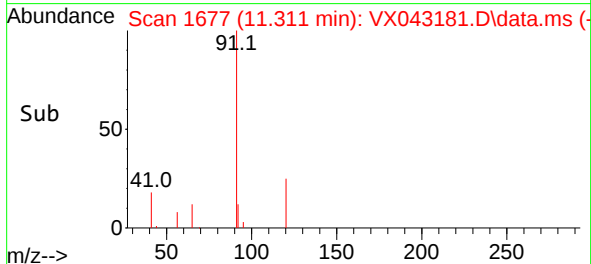
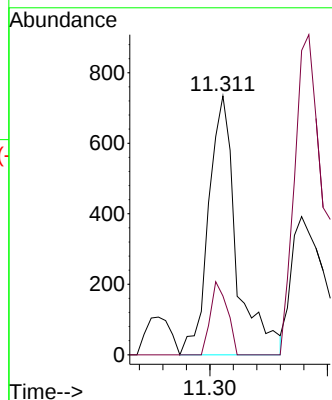


#78
n-propylbenzene
Concen: 0.221 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

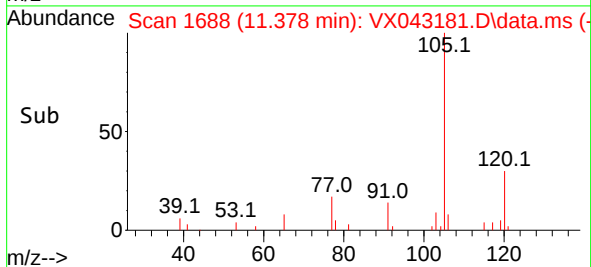
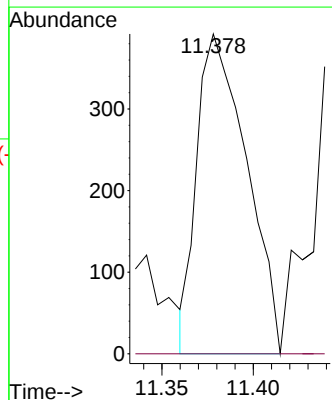
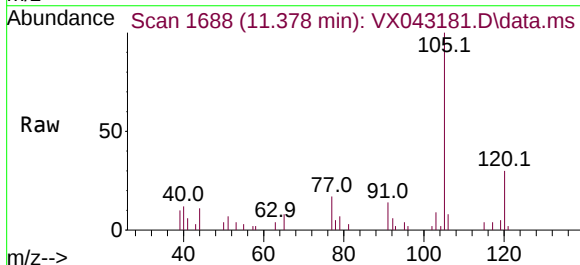


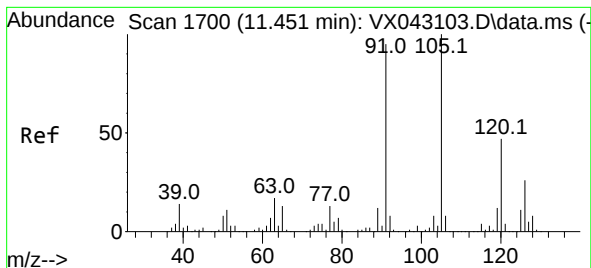
Tgt Ion: 91 Resp: 1212
Ion Ratio Lower Upper
91 100
120 17.0 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 91 Resp: 741
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#





#80

1,3,5-Trimethylbenzene

Concen: 2.671 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

Instrument :

MSVOA_X

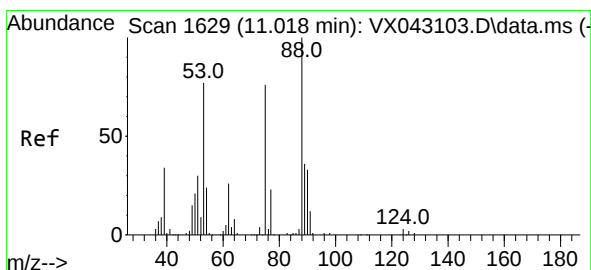
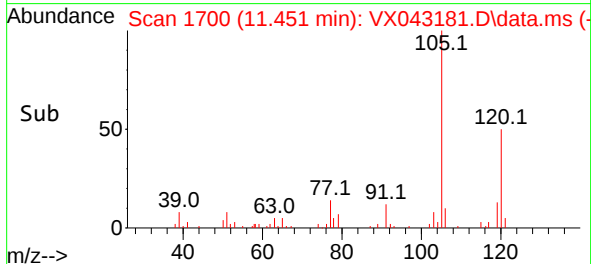
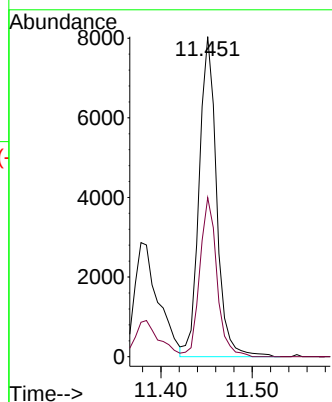
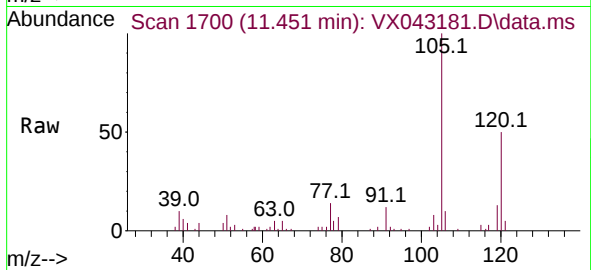
ClientSampleId :

Tgt Ion:105 Resp: 10673

Ion Ratio Lower Upper

105 100

120 48.7 23.5 70.5



#81

trans-1,4-Dichloro-2-butene

Concen: 68.649 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043181.D

Acq: 26 Sep 2024 16:21

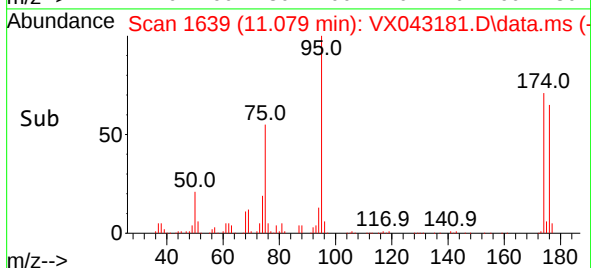
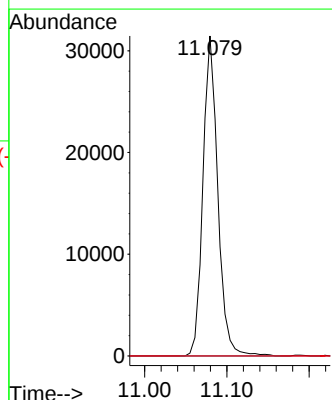
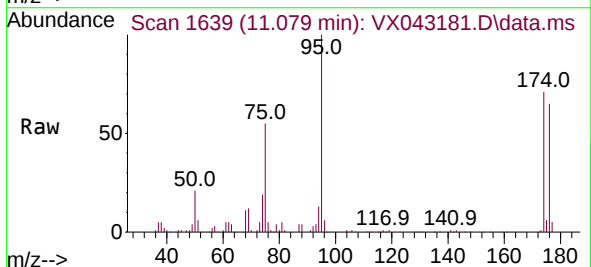
Tgt Ion: 75 Resp: 39453

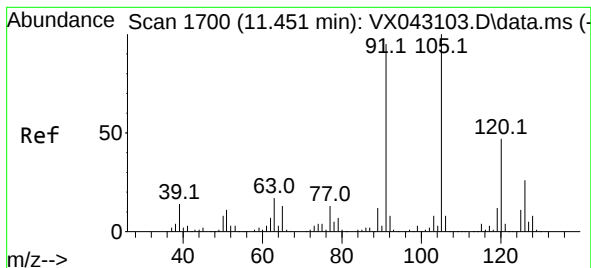
Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.2#

89 0.0 38.8 58.2#

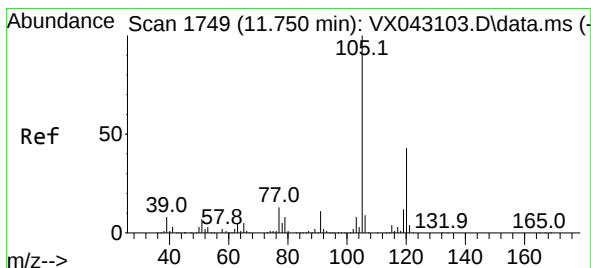
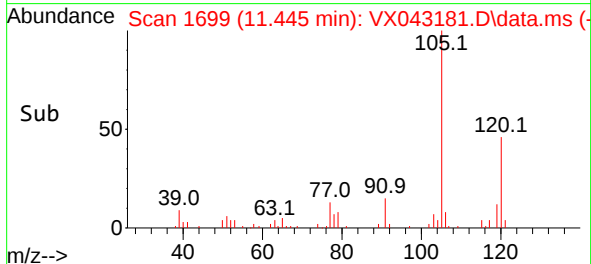
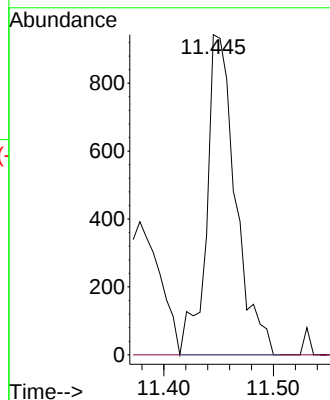
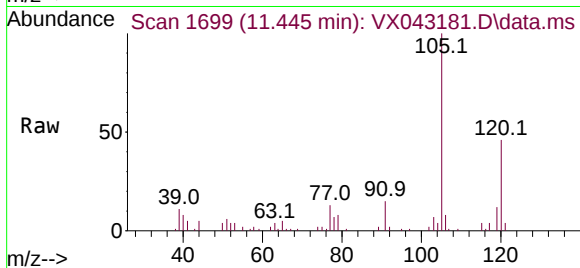




#82
4-Chlorotoluene
Concen: 0.440 ug/l
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

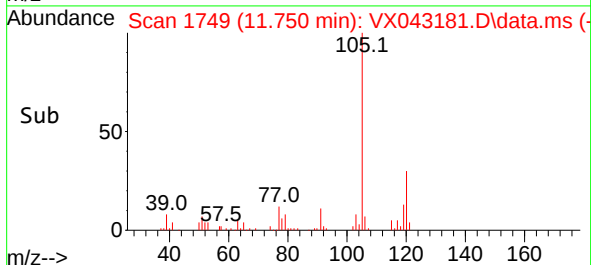
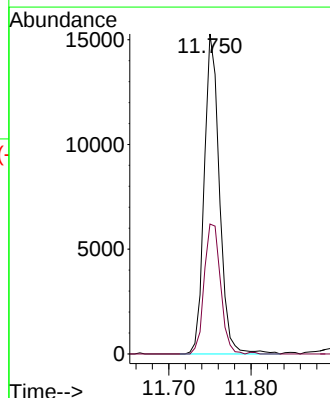
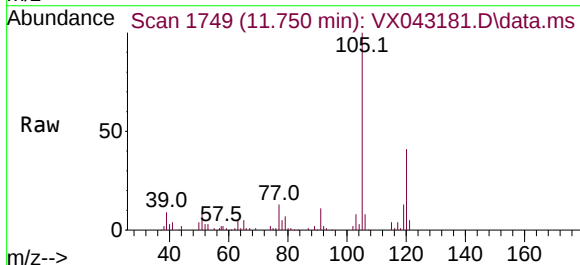
Instrument :
MSVOA_X
ClientSampleId :

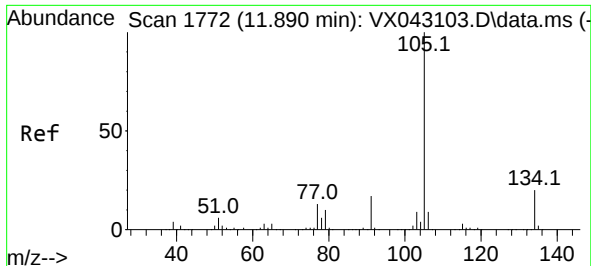
Tgt Ion: 91 Resp: 1729
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#



#84
1,2,4-Trimethylbenzene
Concen: 4.932 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion: 105 Resp: 19610
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4

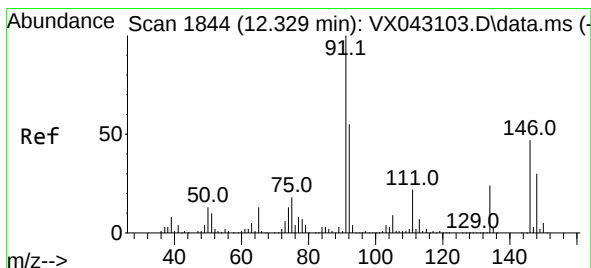
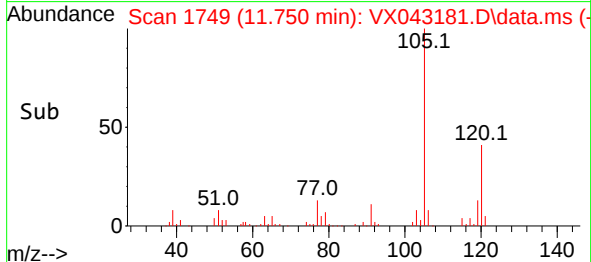
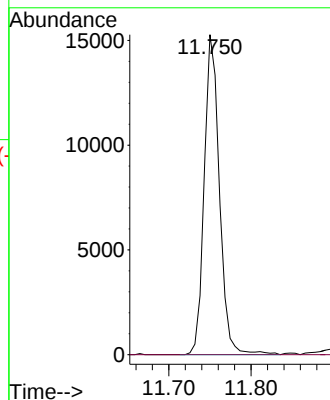
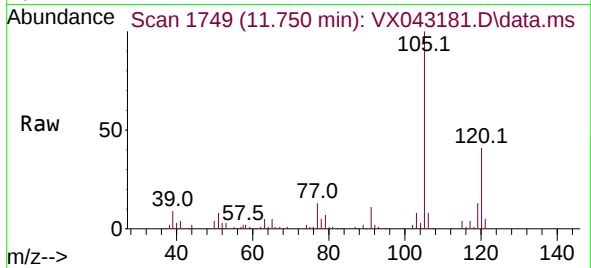




#85
 sec-Butylbenzene
 Concen: 3.875 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX043181.D
 Acq: 26 Sep 2024 16:21

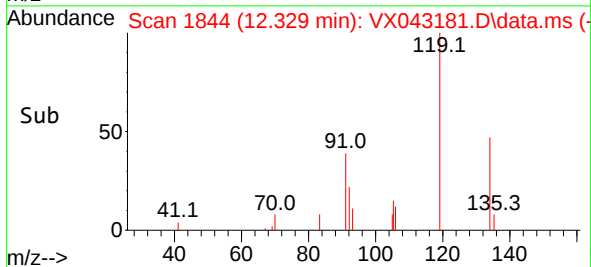
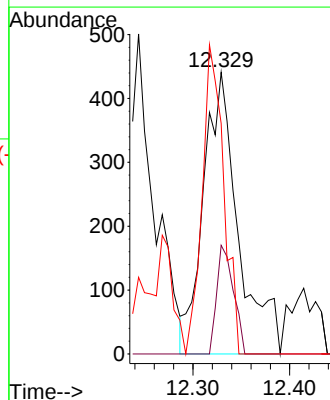
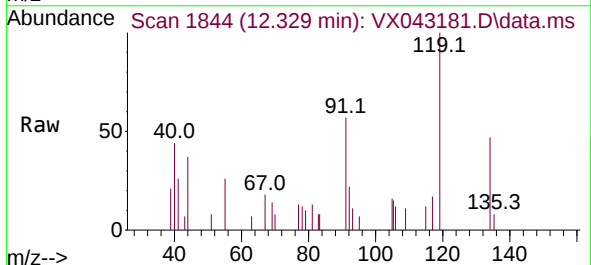
Instrument :
 MSVOA_X
 ClientSampleId :

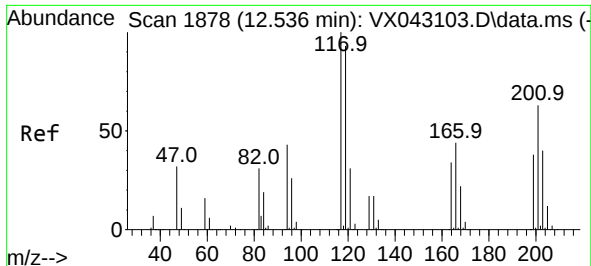
Tgt Ion:105 Resp: 19610
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#89
 n-Butylbenzene
 Concen: 0.300 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX043181.D
 Acq: 26 Sep 2024 16:21

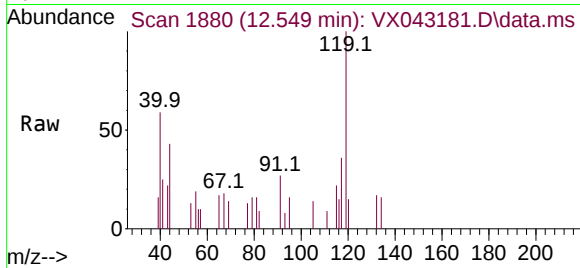
Tgt Ion: 91 Resp: 1100
 Ion Ratio Lower Upper
 91 100
 92 18.5 26.9 80.7#
 134 67.9 12.6 37.6#



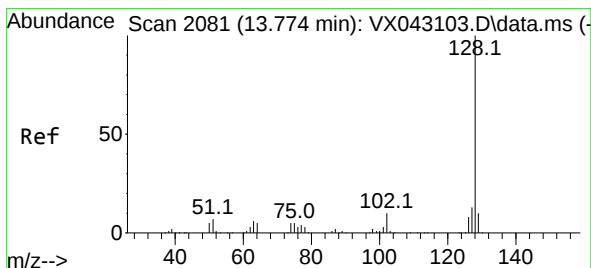
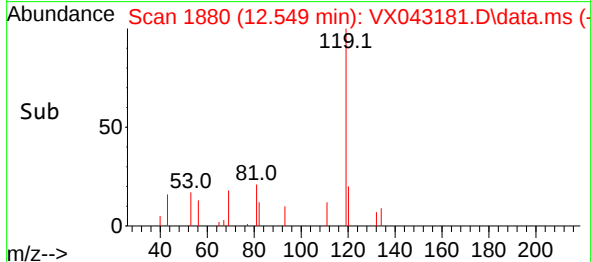
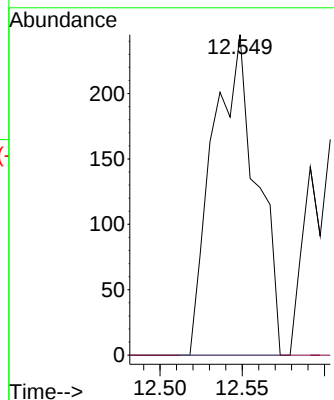


#90
Hexachloroethane
Concen: 0.543 ug/l
RT: 12.549 min Scan# 1880
Delta R.T. 0.012 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:117 Resp: 455
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 130.669 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043181.D
Acq: 26 Sep 2024 16:21

Tgt Ion:128 Resp: 586301
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 13.0

