

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026352.D
 Acq On : 06 Jan 2022 03:34
 Operator : JC/MD
 Sample : N1019-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 05:05:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

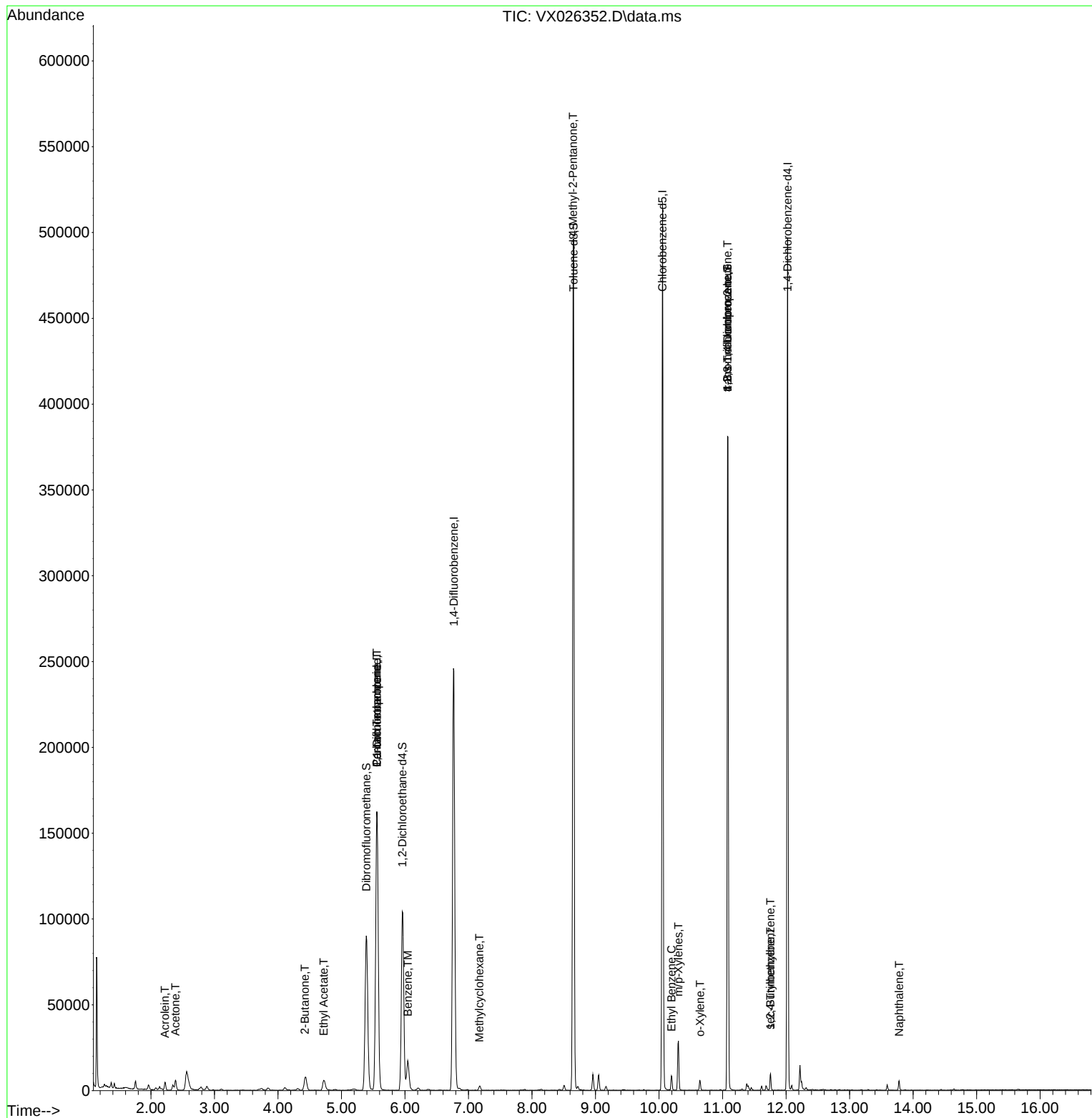
Internal Standards						
1) Pentafluorobenzene	5.556	168	149324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106021	49.077	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.160%
35) Dibromofluoromethane	5.391	113	79524	49.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	8.653	98	287703	47.997	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.079	95	108882	51.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.060%
Target Compounds						
					Qvalue	
13) Acrolein	2.221	56	119	0.771	ug/l #	1
16) Acetone	2.386	43	6730	5.750	ug/l	95
20) Methylene Chloride	2.794	84	138	Below Cal	#	63
25) 2-Butanone	4.422	43	450	0.276	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	12611	4.852	ug/l #	49
37) Ethyl Acetate	4.721	43	11062	3.671	ug/l	100
38) Carbon Tetrachloride	5.556	117	15969	5.523	ug/l #	15
39) Methylcyclohexane	7.171	83	776	0.265	ug/l #	67
40) Benzene	6.044	78	19946	2.689	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1308	0.428	ug/l #	1
67) Ethyl Benzene	10.195	91	5122	0.601	ug/l	100
68) m/p-Xylenes	10.305	106	6731	2.114	ug/l	90
69) o-Xylene	10.646	106	1295	0.416	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	56981	24.440	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56981	70.706	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.756	105	4265	0.685	ug/l	97
85) sec-Butylbenzene	11.756	105	4265	0.565	ug/l #	56
95) Naphthalene	13.780	128	3660	0.490	ug/l	98

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

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Instrument :
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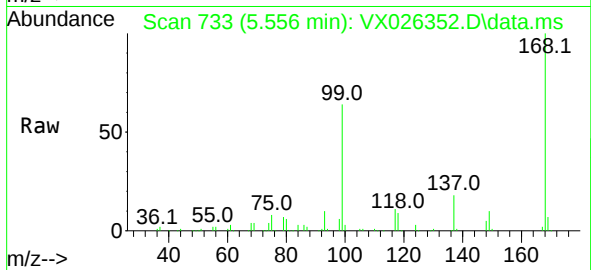
Quant Time: Jan 06 05:05:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



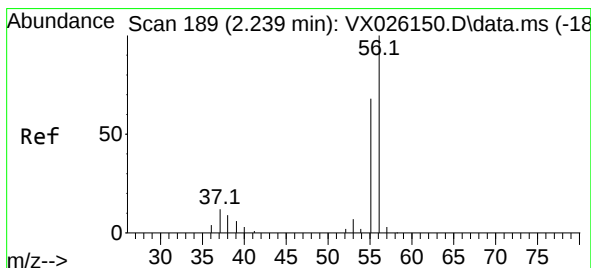
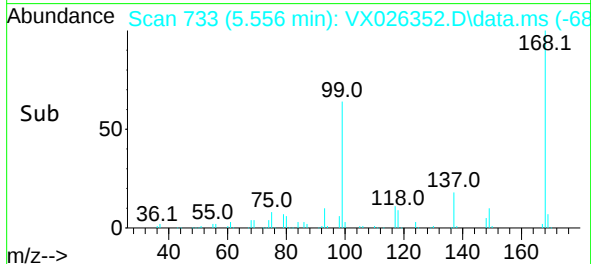
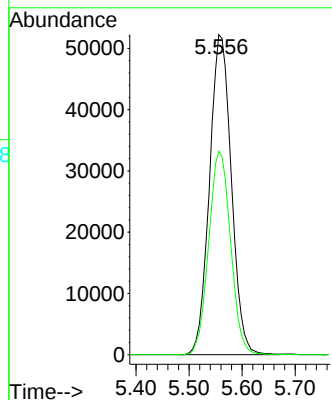


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :

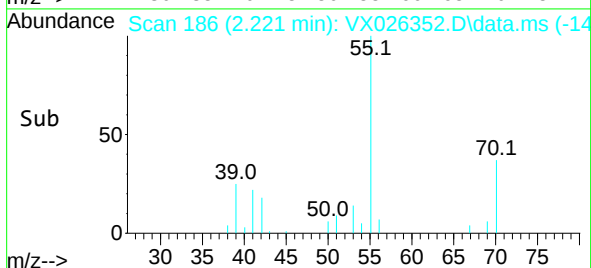
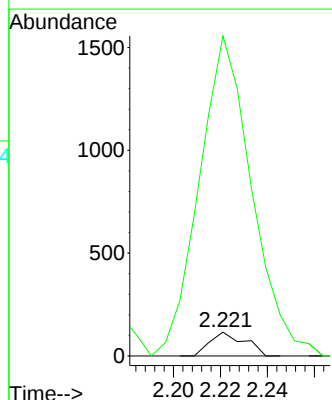
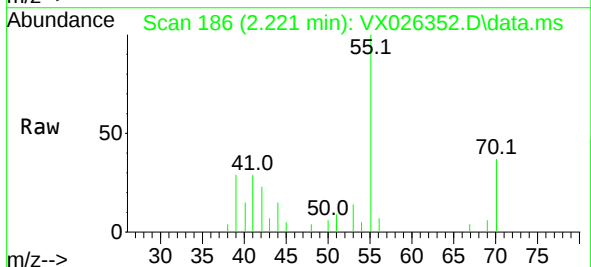


Tgt Ion:168 Resp: 149324
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.8



#13
Acrolein
Concen: 0.771 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

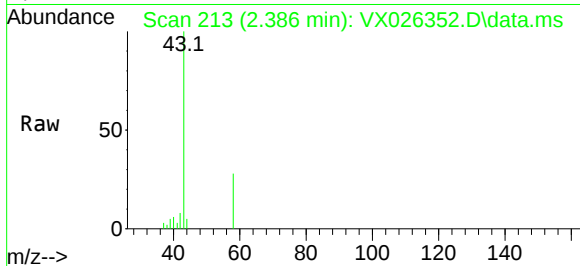
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 2036.1 57.4 86.2#



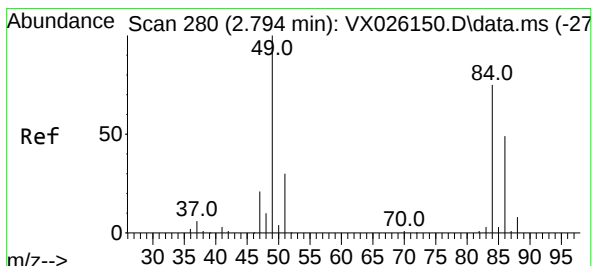
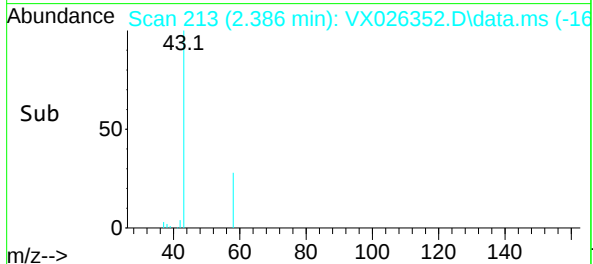
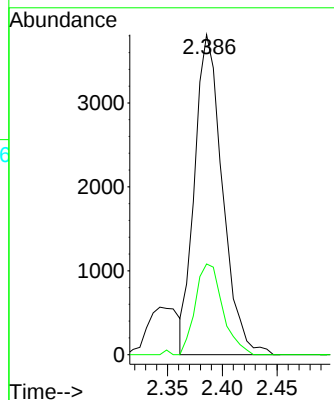


#16
Acetone
Concen: 5.750 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :

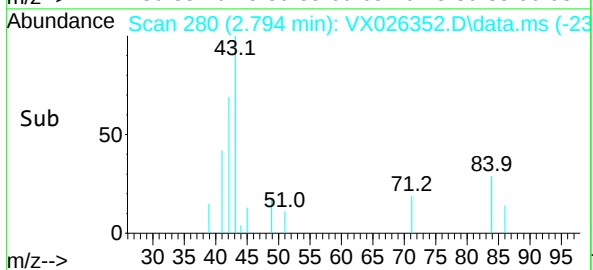
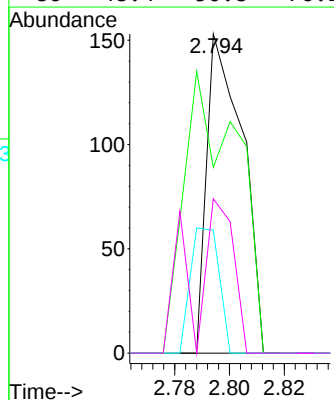
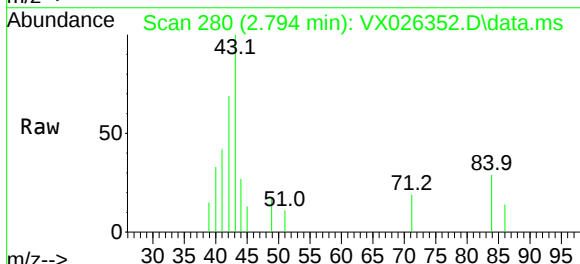


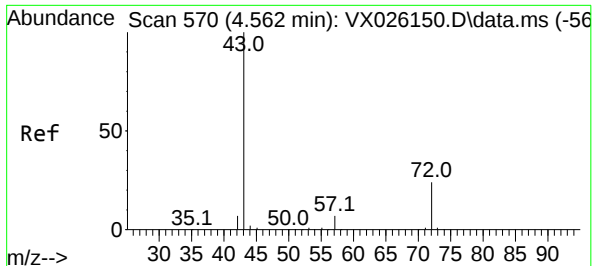
Tgt Ion: 43 Resp: 6730
Ion Ratio Lower Upper
43 100
58 28.4 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Tgt Ion: 84 Resp: 138
Ion Ratio Lower Upper
84 100
49 58.2 97.1 145.7#
51 38.6 29.3 43.9
86 48.4 50.8 76.2#

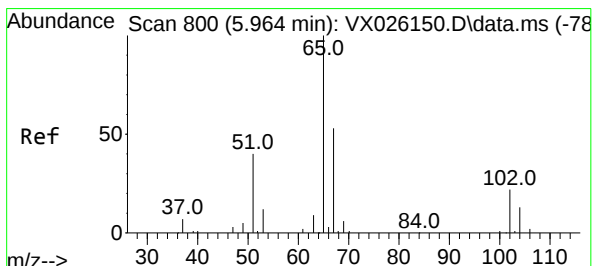
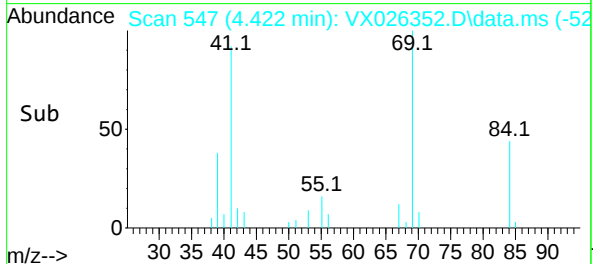
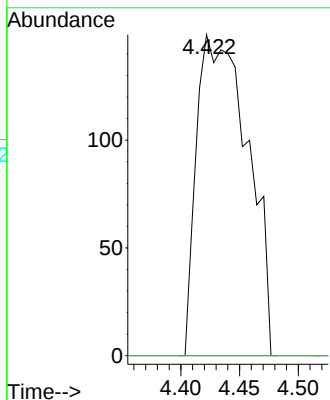
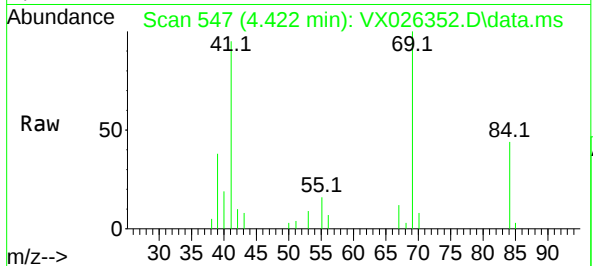




#25
2-Butanone
Concen: 0.276 ug/l
RT: 4.422 min Scan# 54
Delta R.T. -0.140 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

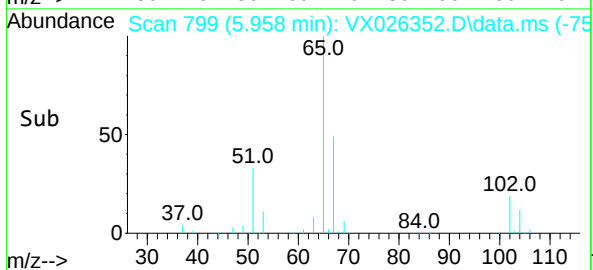
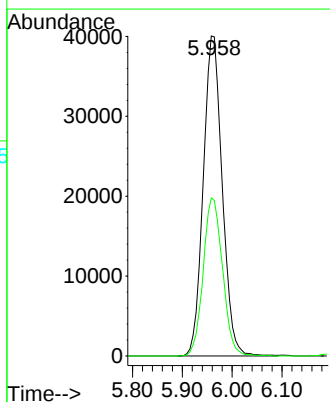
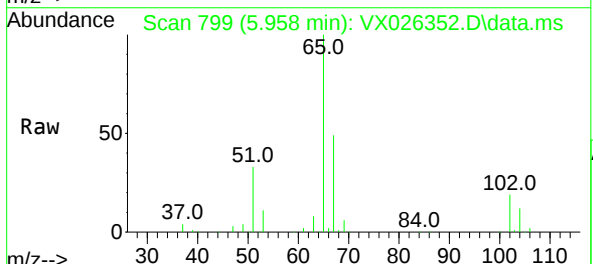
Instrument :
MSVOA_X
ClientSampleId :

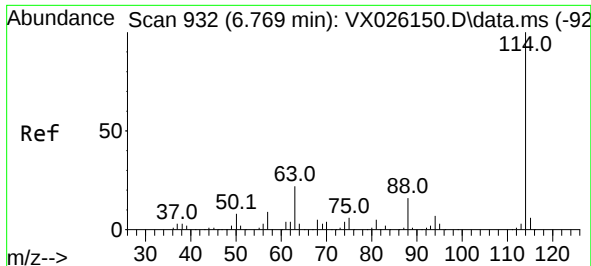
Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#33
1,2-Dichloroethane-d4
Concen: 49.077 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Tgt Ion: 65 Resp: 106021
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4

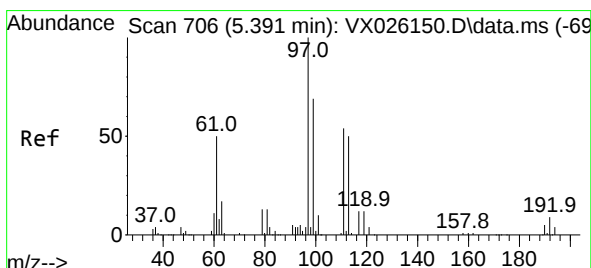
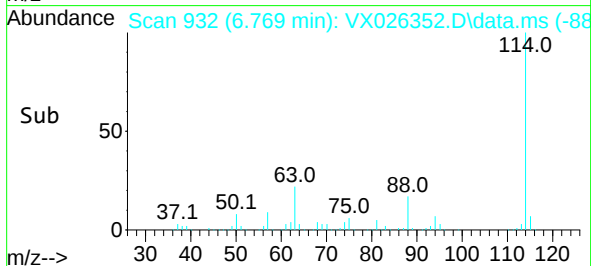
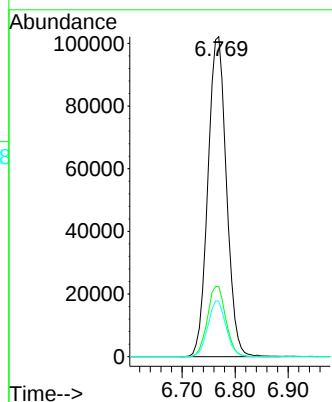
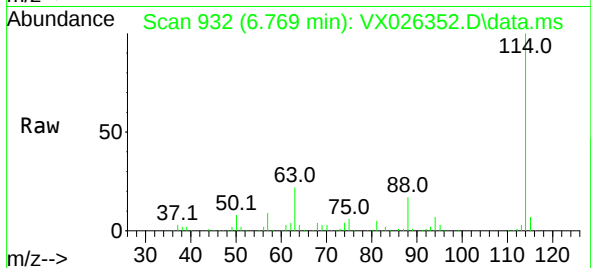




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

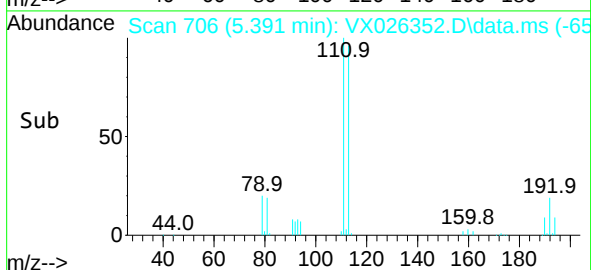
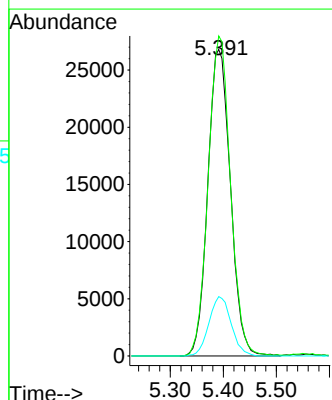
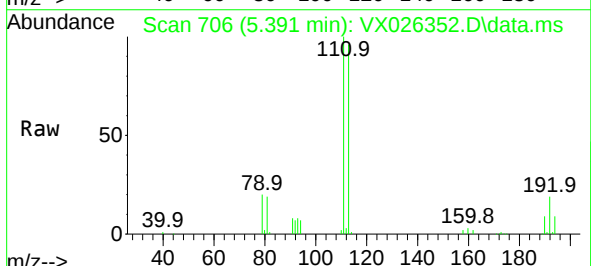
Instrument :
MSVOA_X
ClientSampleId :

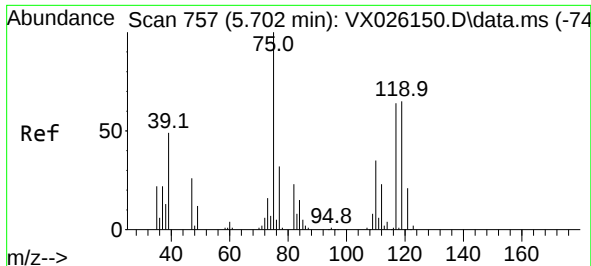
Tgt Ion:114 Resp: 247873
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.0
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.348 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

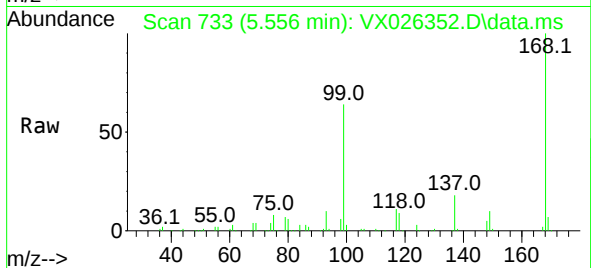
Tgt Ion:113 Resp: 79524
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 19.0 15.0 22.4



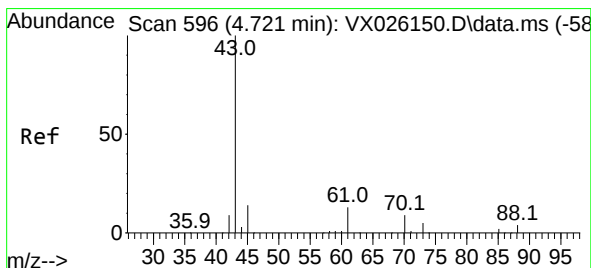
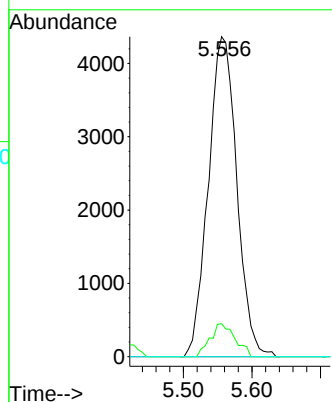
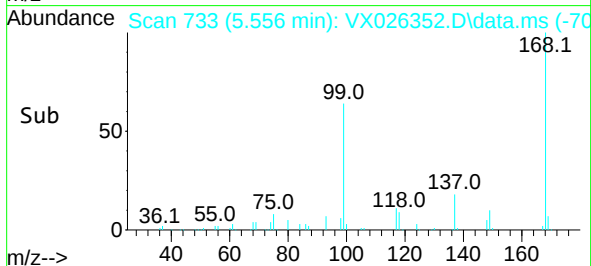


#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Instrument :
MSVOA_X
ClientSampleId :

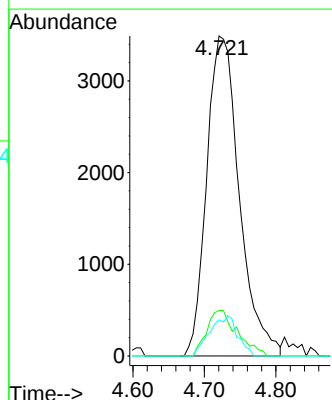
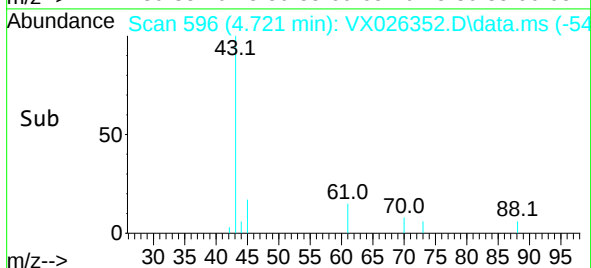
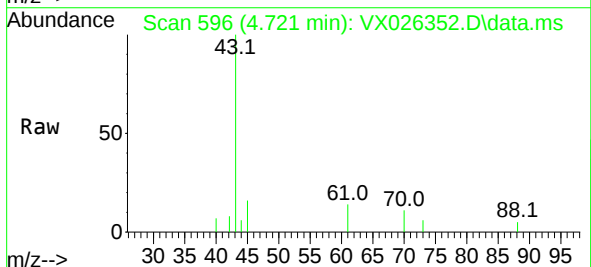


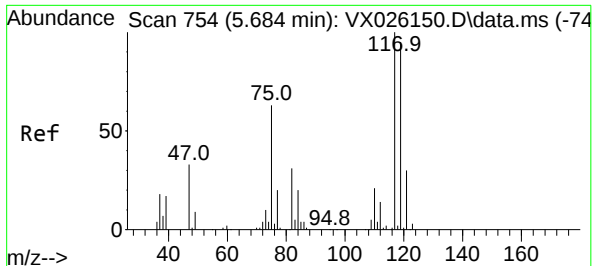
Tgt Ion: 75 Resp: 12611
Ion Ratio Lower Upper
75 100
110 9.0 18.2 54.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.671 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

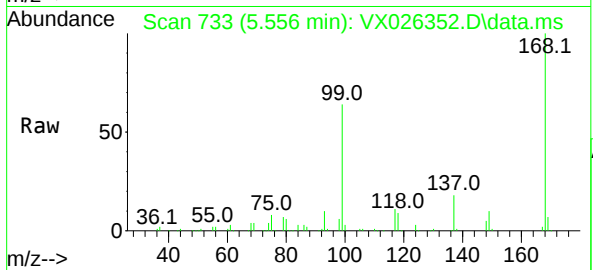
Tgt Ion: 43 Resp: 11062
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.7 8.5 12.7



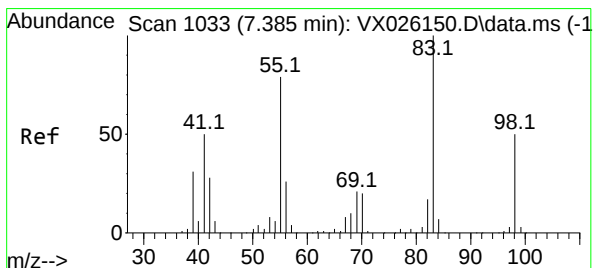
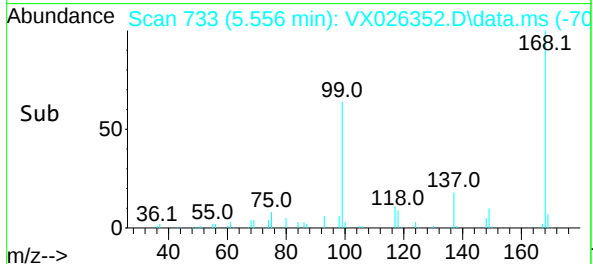
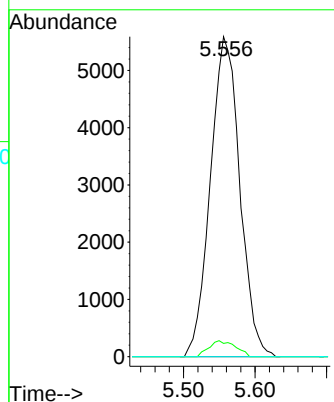


#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Instrument :
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ClientSampleId :

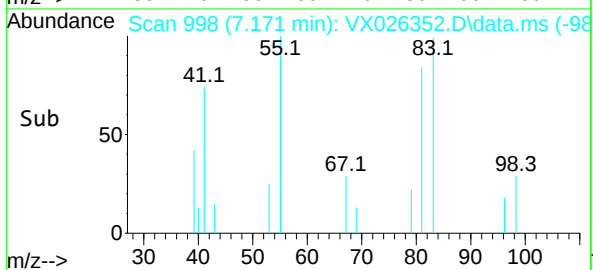
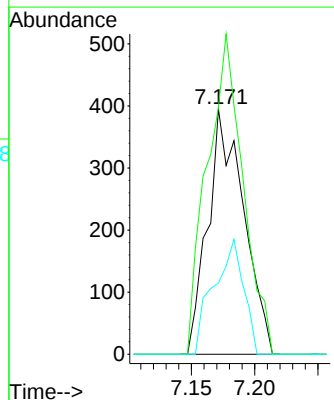
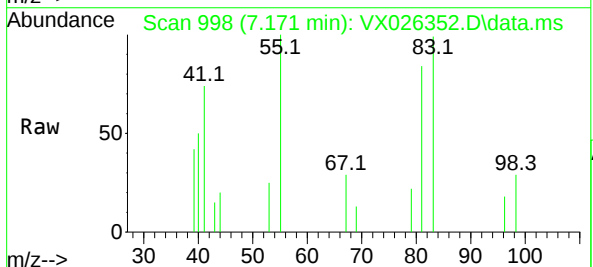


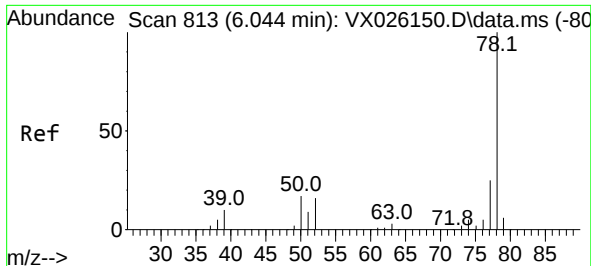
Tgt Ion:117 Resp: 15969
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 23.8 35.8#



#39
Methylcyclohexane
Concen: 0.265 ug/l
RT: 7.171 min Scan# 998
Delta R.T. -0.214 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

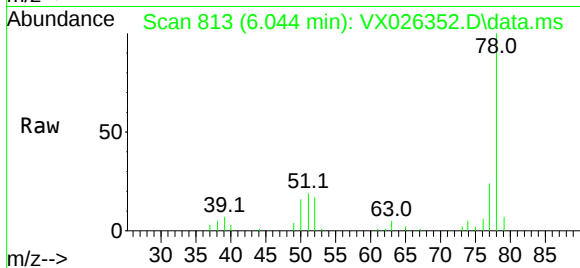
Tgt Ion: 83 Resp: 776
Ion Ratio Lower Upper
83 100
55 100.8 57.8 86.8#
98 29.1 40.5 60.7#



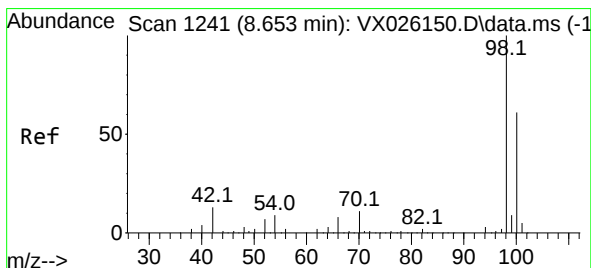
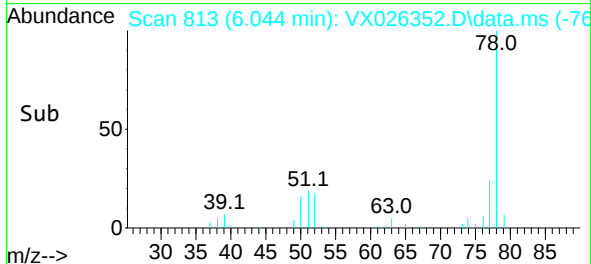
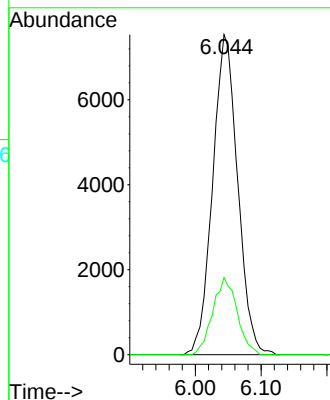


#40
Benzene
Concen: 2.689 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Instrument :
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ClientSampleId :

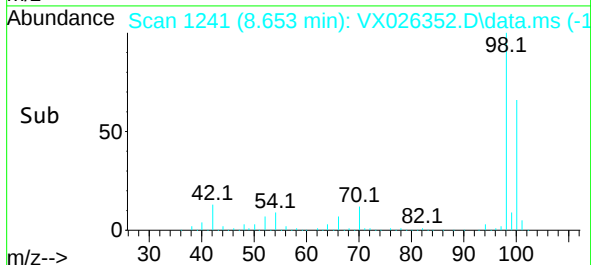
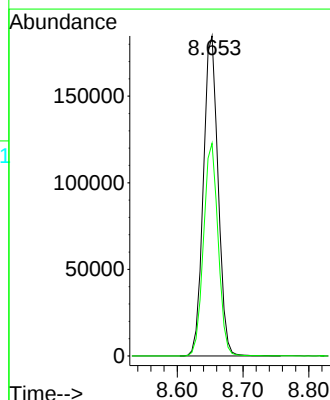
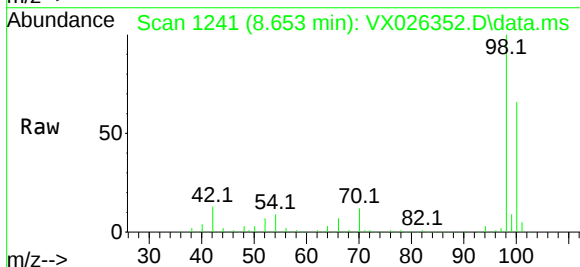


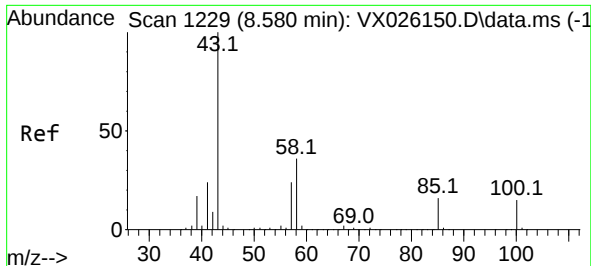
Tgt Ion: 78 Resp: 19946
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8



#50
Toluene-d8
Concen: 47.997 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Tgt Ion: 98 Resp: 287703
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.428 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX026352.D

Acq: 06 Jan 2022 03:34

Instrument :

MSVOA_X

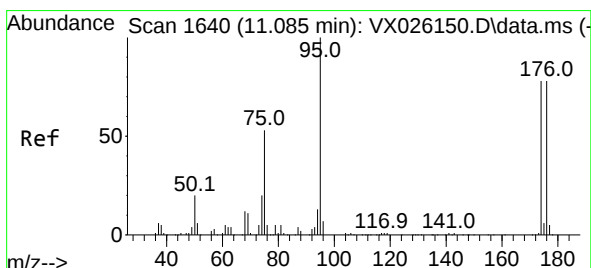
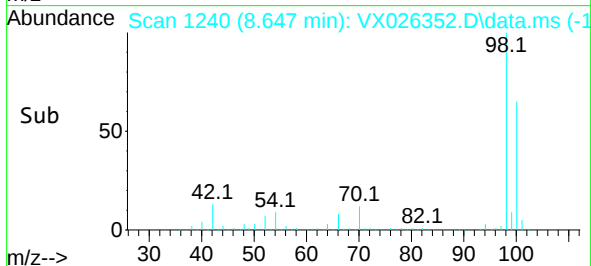
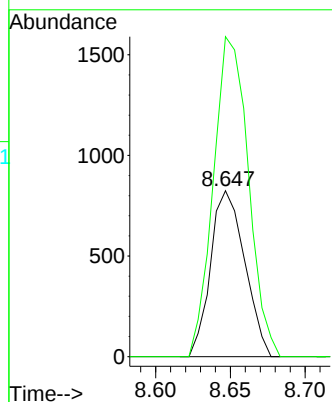
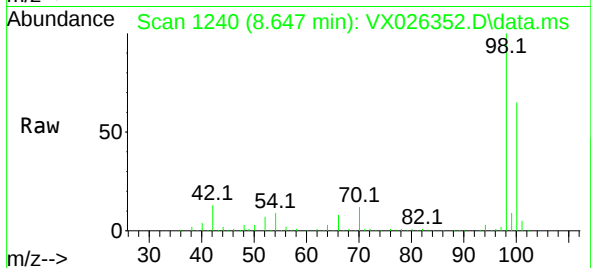
ClientSampleId :

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

58 197.9 30.8 46.2#



#62

4-Bromofluorobenzene

Concen: 51.026 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026352.D

Acq: 06 Jan 2022 03:34

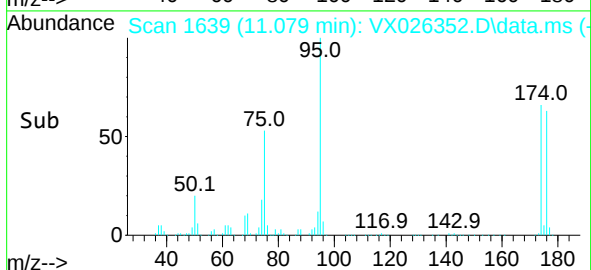
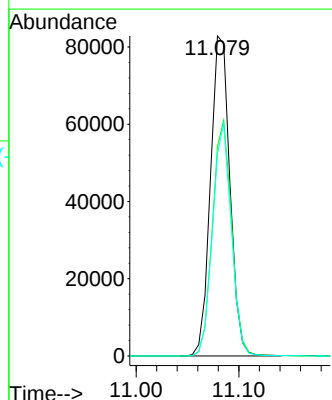
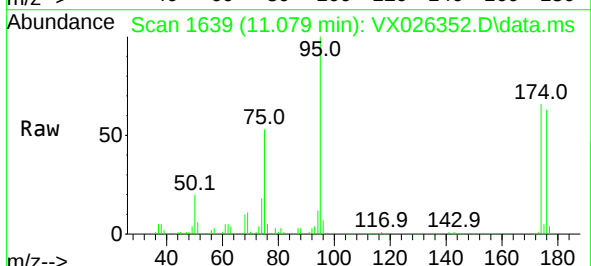
Tgt Ion: 95 Resp: 108882

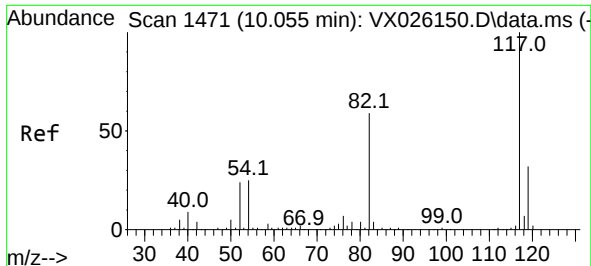
Ion Ratio Lower Upper

95 100

174 72.5 0.0 157.4

176 69.7 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026352.D

Acq: 06 Jan 2022 03:34

Instrument :

MSVOA_X

ClientSampleId :

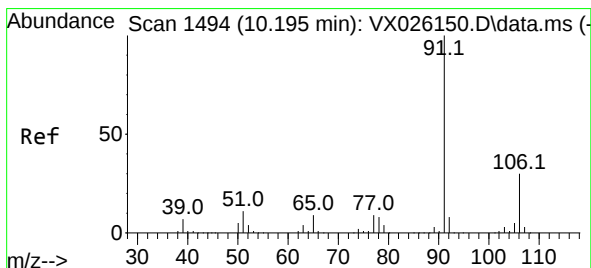
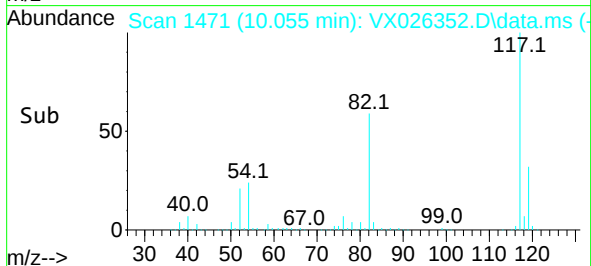
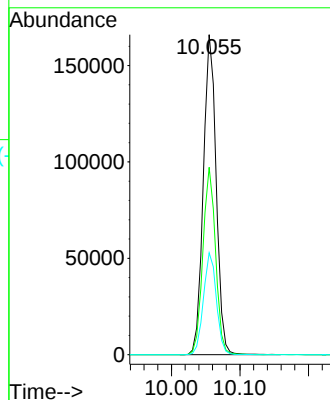
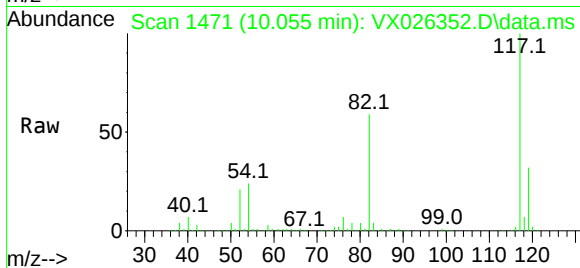
Tgt Ion:117 Resp: 217096

Ion Ratio Lower Upper

117 100

82 58.6 43.8 65.6

119 31.8 25.2 37.8



#67

Ethyl Benzene

Concen: 0.601 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026352.D

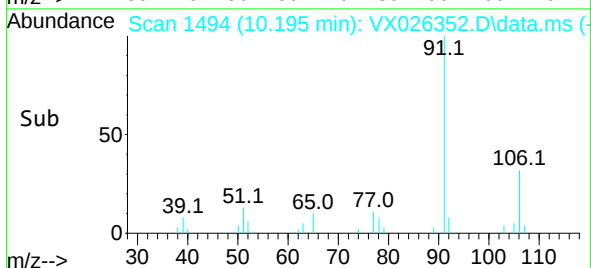
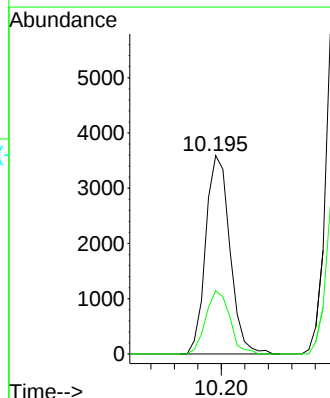
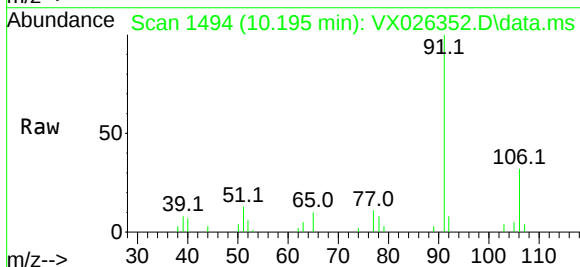
Acq: 06 Jan 2022 03:34

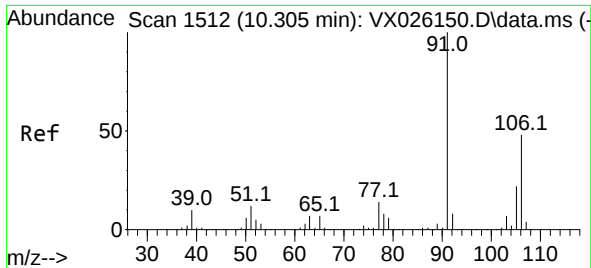
Tgt Ion: 91 Resp: 5122

Ion Ratio Lower Upper

91 100

106 31.8 25.7 38.5

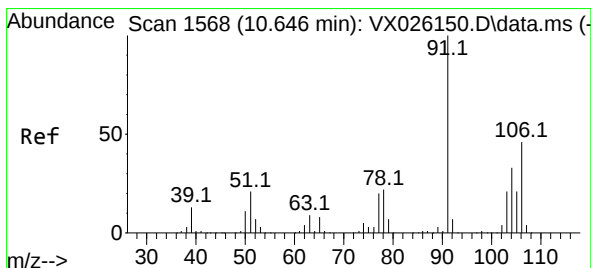
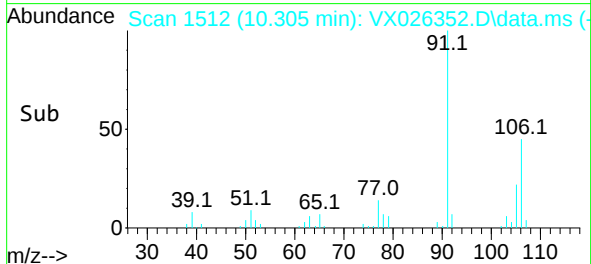
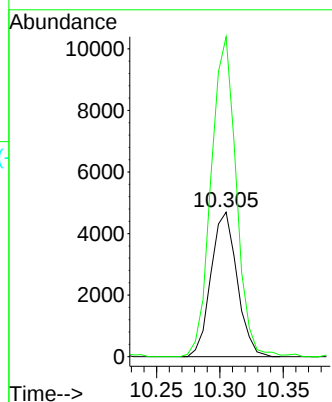
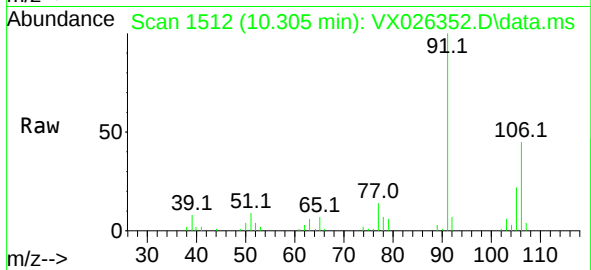




#68
m/p-Xylenes
Concen: 2.114 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

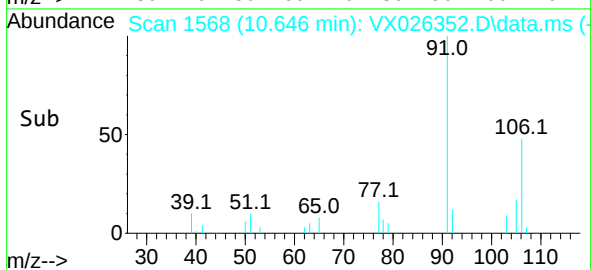
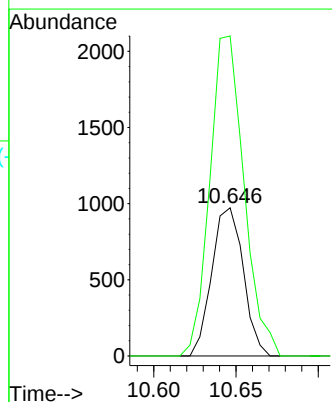
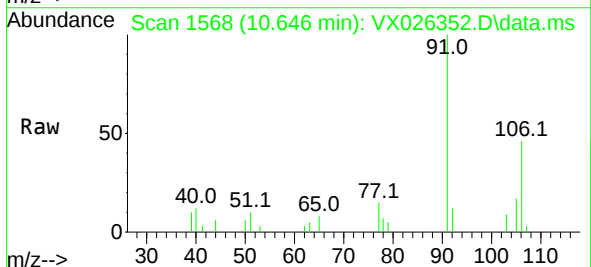
Instrument :
MSVOA_X
ClientSampleId :

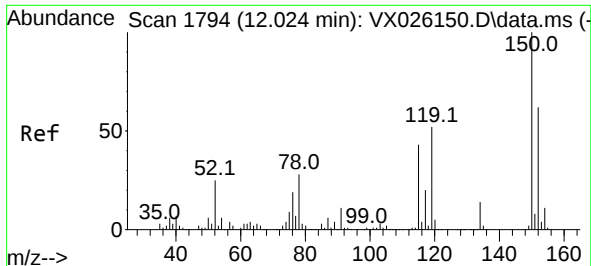
Tgt Ion:106 Resp: 6731
Ion Ratio Lower Upper
106 100
91 213.5 158.6 238.0



#69
o-Xylene
Concen: 0.416 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

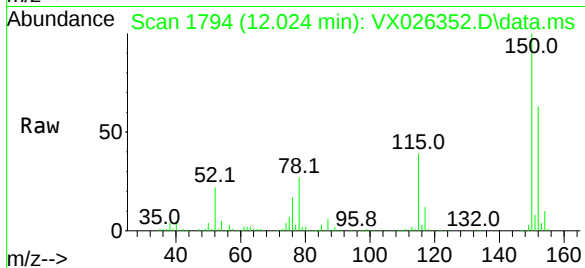
Tgt Ion:106 Resp: 1295
Ion Ratio Lower Upper
106 100
91 234.6 105.5 316.4



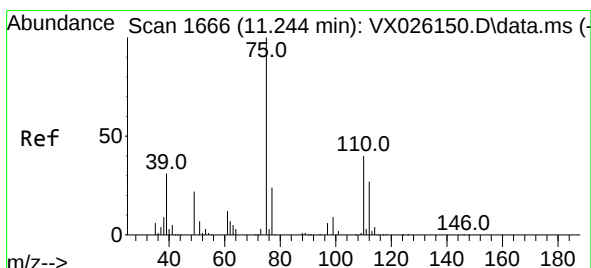
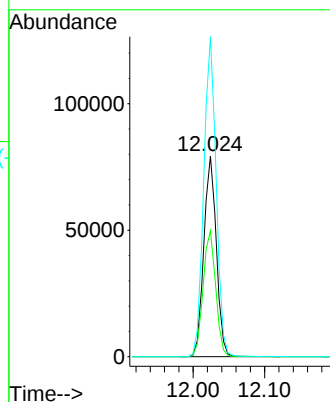
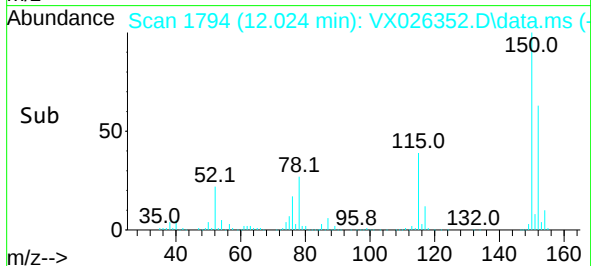


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026352.D
 Acq: 06 Jan 2022 03:34

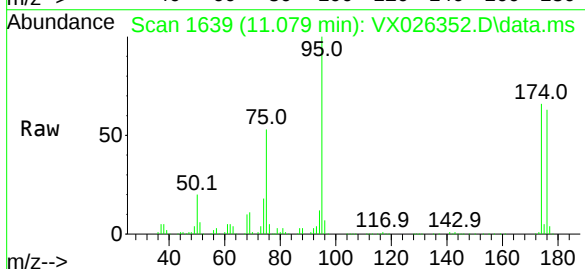
Instrument :
 MSVOA_X
 ClientSampleId :



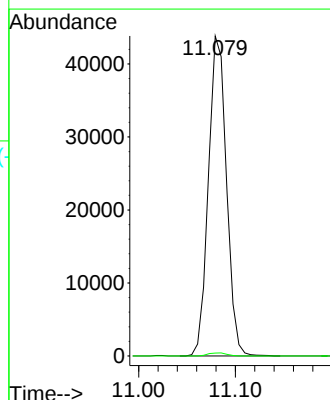
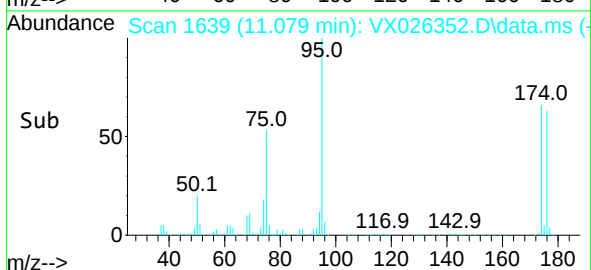
Tgt Ion:152 Resp: 96590
 Ion Ratio Lower Upper
 152 100
 115 63.0 41.3 123.9
 150 157.6 0.0 351.8

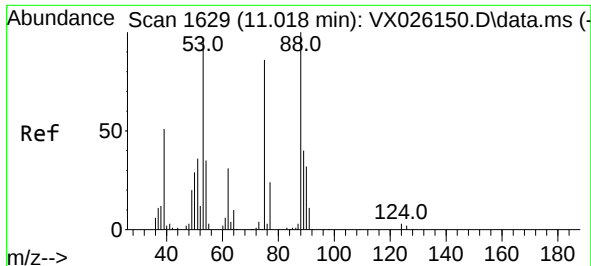


#76
 1,2,3-Trichloropropane
 Concen: 24.440 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026352.D
 Acq: 06 Jan 2022 03:34



Tgt Ion: 75 Resp: 56981
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#

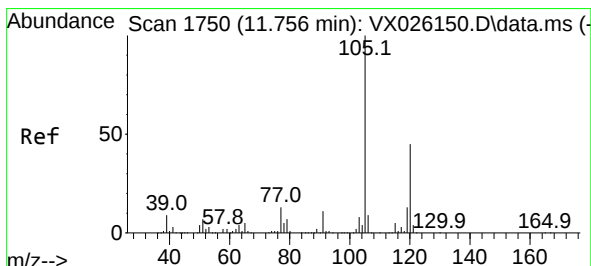
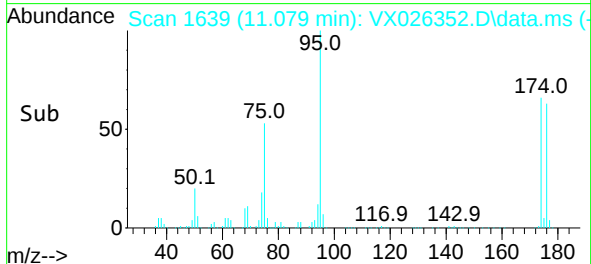
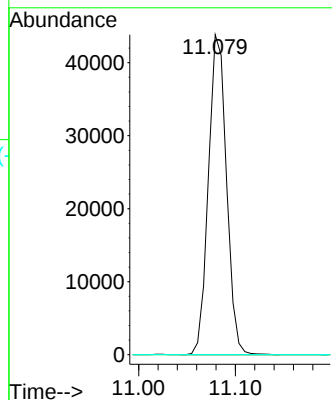
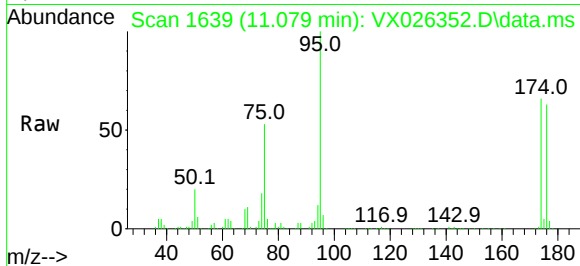




#81
trans-1,4-Dichloro-2-butene
Concen: 70.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

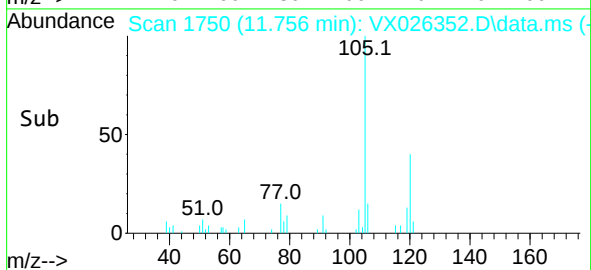
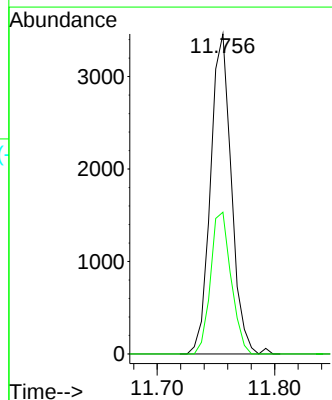
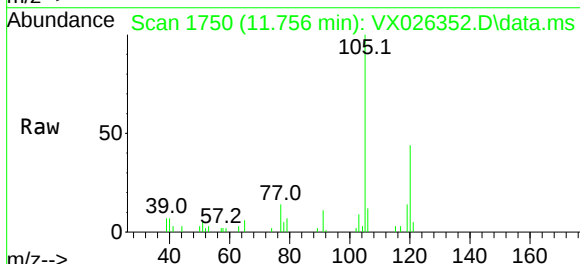
Instrument :
MSVOA_X
ClientSampleId :

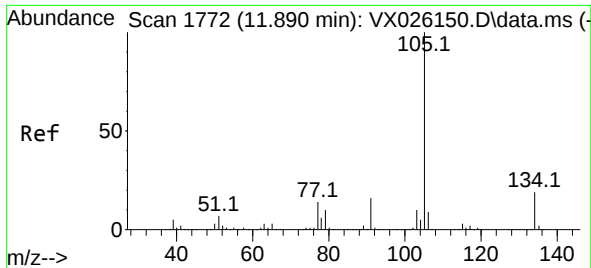
Tgt Ion: 75 Resp: 56981
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.685 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026352.D
Acq: 06 Jan 2022 03:34

Tgt Ion: 105 Resp: 4265
Ion Ratio Lower Upper
105 100
120 43.5 22.9 68.7

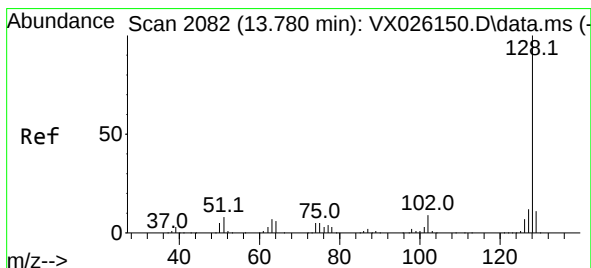
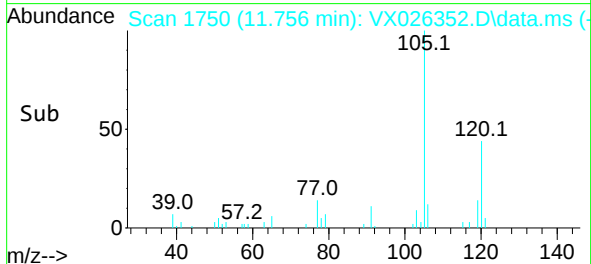
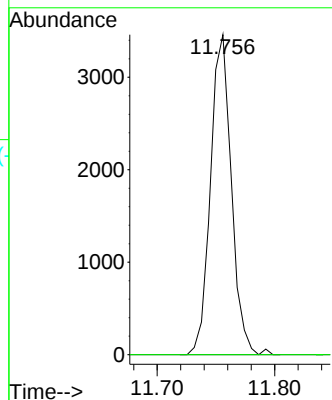
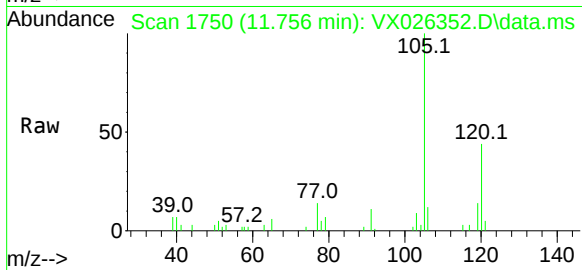




#85
 sec-Butylbenzene
 Concen: 0.565 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX026352.D
 Acq: 06 Jan 2022 03:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 4265
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#95
 Naphthalene
 Concen: 0.490 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX026352.D
 Acq: 06 Jan 2022 03:34

Tgt Ion:128 Resp: 3660
 Ion Ratio Lower Upper
 128 100
 127 11.7 10.3 15.5
 129 10.4 8.8 13.2

