

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026234.D
 Acq On : 03 Jan 2022 20:38
 Operator : JC/MD
 Sample : M5333-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:54:55 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	191314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	328330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147810	53.404	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.800%	
35) Dibromofluoromethane	5.391	113	108768	50.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	8.653	98	387935	48.859	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	11.079	95	134311	47.519	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	60235	108.961	ug/l	99
15) Acrylonitrile	3.117	53	1575	1.151	ug/l #	31
16) Acetone	2.374	43	970	0.647	ug/l #	83
18) Methyl Acetate	2.947	43	10070	2.070	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	122339	16.533	ug/l	99
20) Methylene Chloride	2.794	84	789	Below Cal		89
22) Diisopropyl ether	3.757	45	3340	0.418	ug/l #	74
23) Vinyl Acetate	3.757	43	1862	0.293	ug/l #	70
31) Cyclohexane	5.550	56	4822	1.223	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	16557	4.809	ug/l #	50
38) Carbon Tetrachloride	5.562	117	21039	5.494	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	74467	25.319	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	74467	73.249	ug/l #	10

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

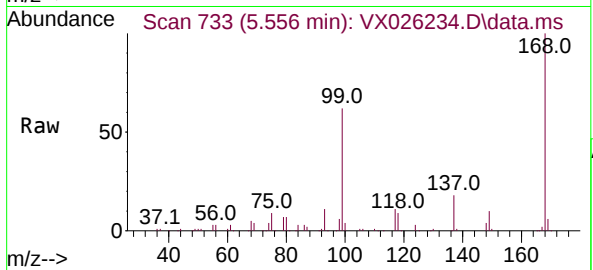
Quant Time: Jan 04 03:54:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



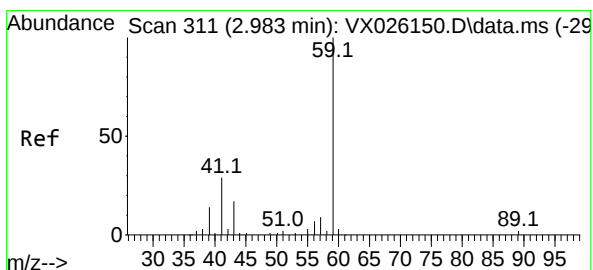
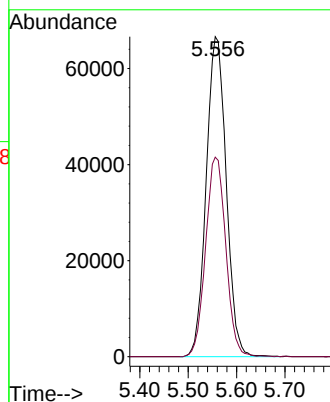
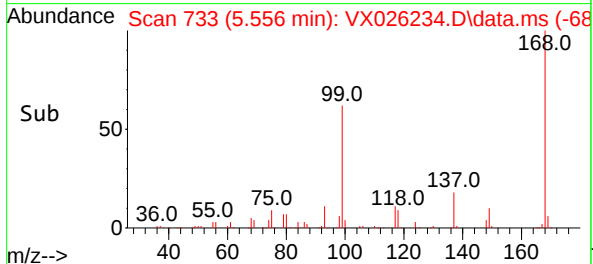


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026234.D
Acq: 03 Jan 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :

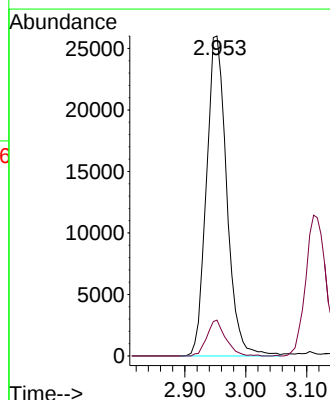
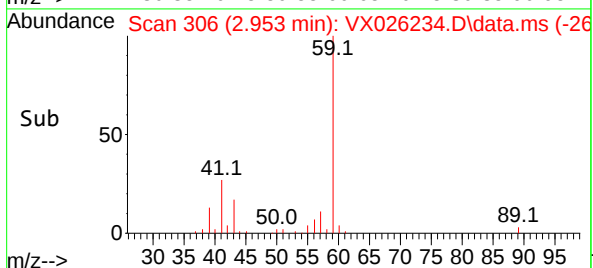
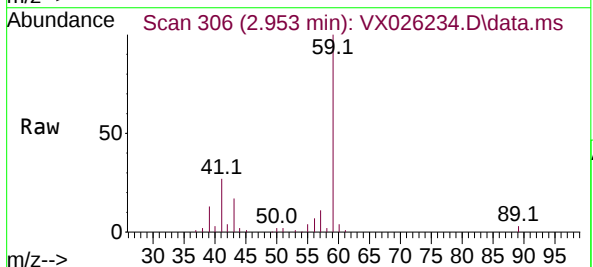


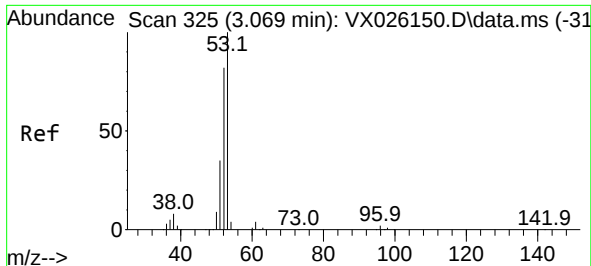
Tgt Ion:168 Resp: 191314
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 108.961 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026234.D
Acq: 03 Jan 2022 20:38

Tgt Ion: 59 Resp: 60235
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2





#15

Acrylonitrile

Concen: 1.151 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.048 min

Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

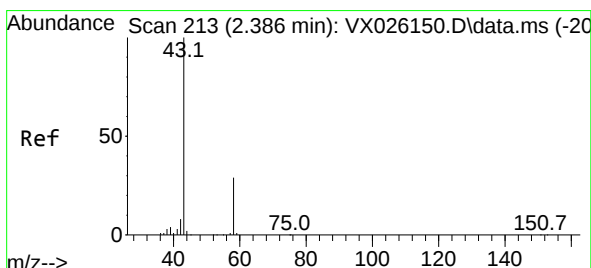
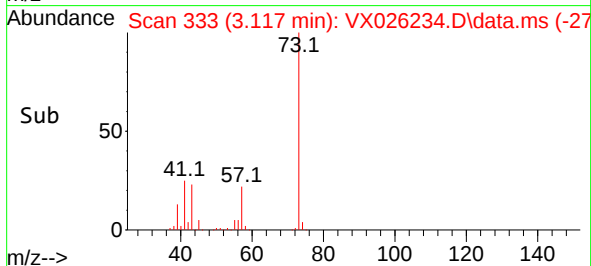
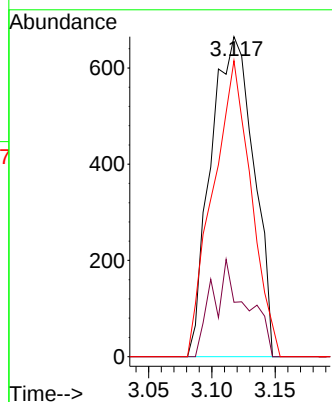
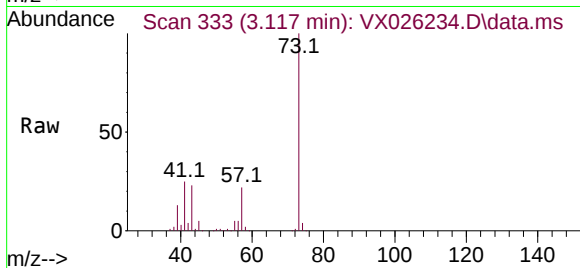
Tgt Ion: 53 Resp: 1575

Ion Ratio Lower Upper

53 100

52 23.9 66.2 99.2#

51 82.0 29.4 44.0#



#16

Acetone

Concen: 0.647 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX026234.D

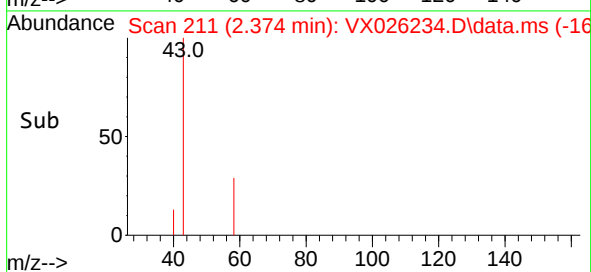
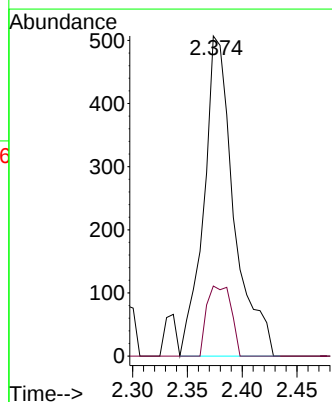
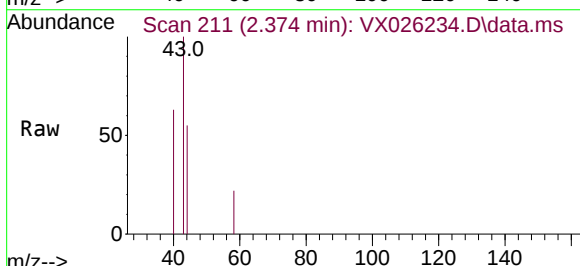
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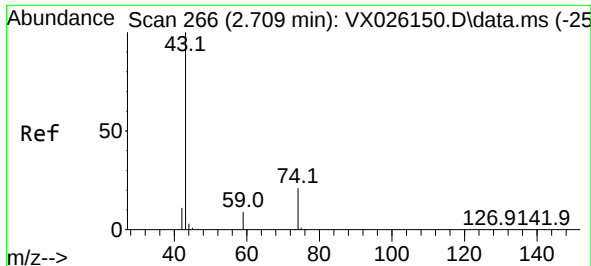
Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

43 100

58 21.9 24.8 37.2#

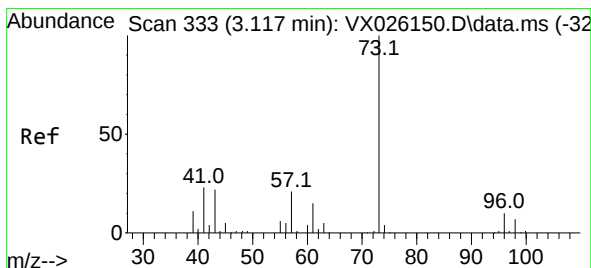
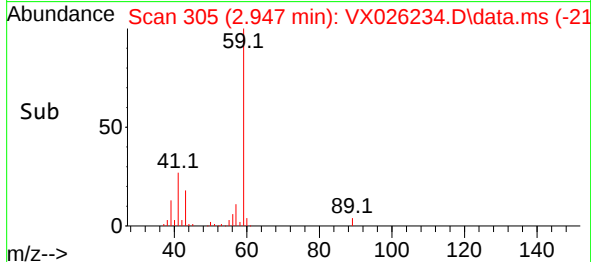
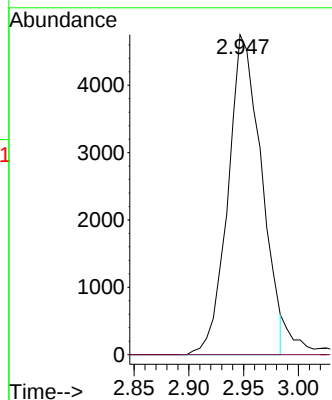
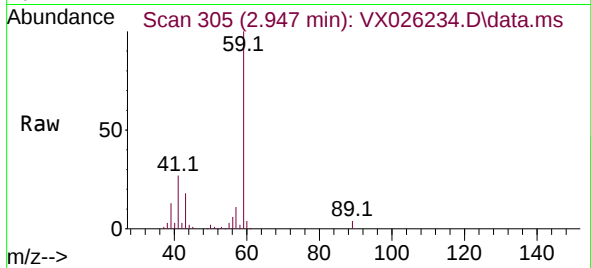




#18
Methyl Acetate
Concen: 2.070 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.238 min
Lab File: VX026234.D
Acq: 03 Jan 2022 20:38

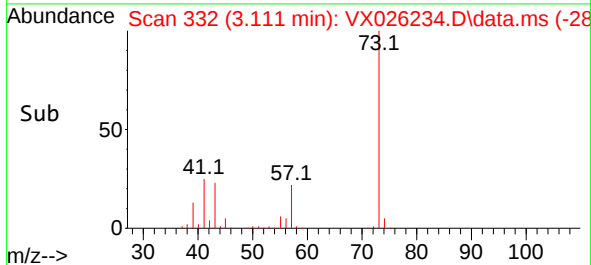
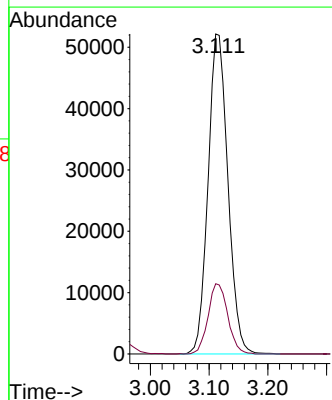
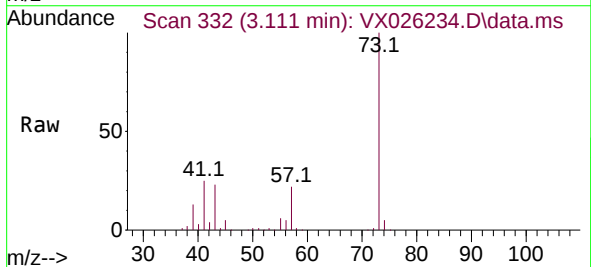
Instrument :
MSVOA_X
ClientSampleId :

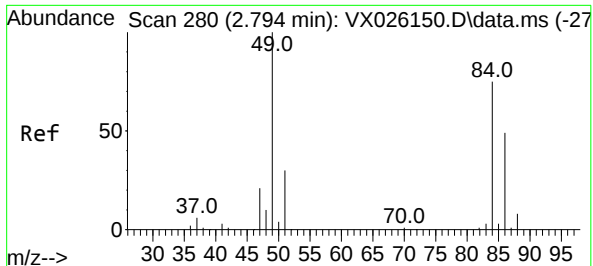
Tgt Ion: 43 Resp: 10070
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#19
Methyl tert-butyl Ether
Concen: 16.533 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX026234.D
Acq: 03 Jan 2022 20:38

Tgt Ion: 73 Resp: 122339
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

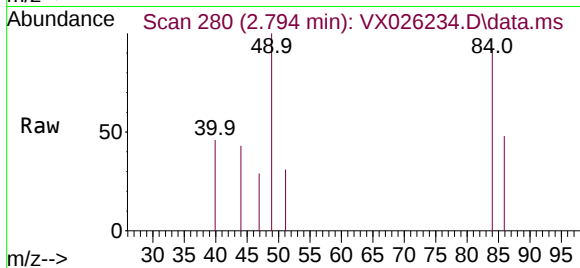
Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 789

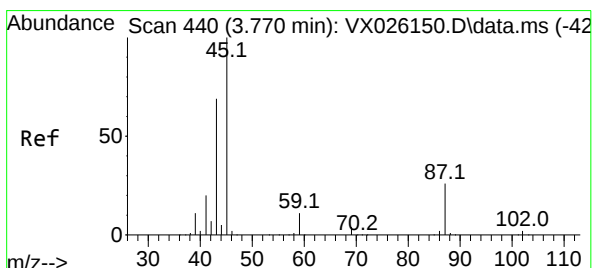
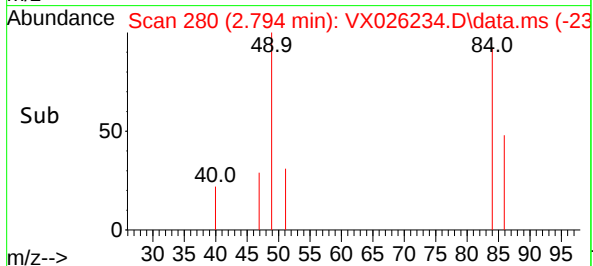
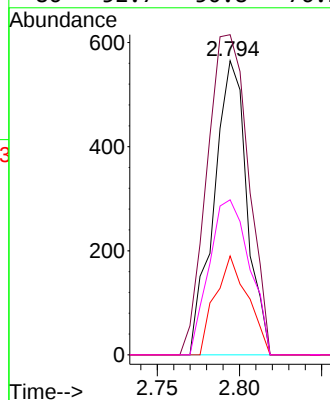
Ion Ratio Lower Upper

84 100

49 108.8 97.1 145.7

51 33.6 29.3 43.9

86 52.7 50.8 76.2



#22

Diisopropyl ether

Concen: 0.418 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.013 min

Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

Tgt Ion: 45 Resp: 3340

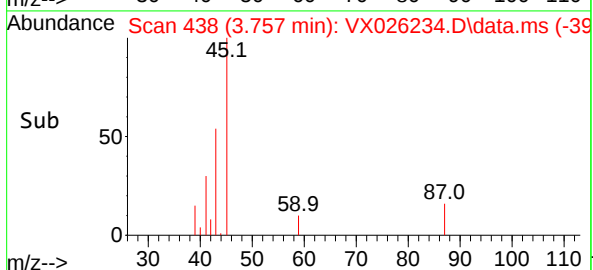
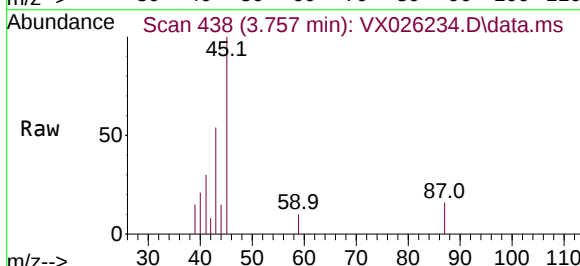
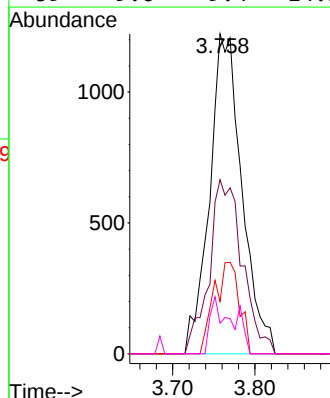
Ion Ratio Lower Upper

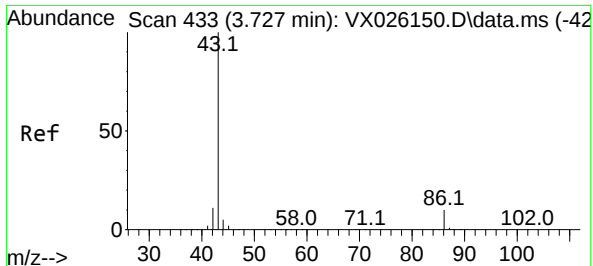
45 100

43 54.4 63.8 95.6#

87 16.4 24.2 36.4#

59 9.6 9.4 14.2

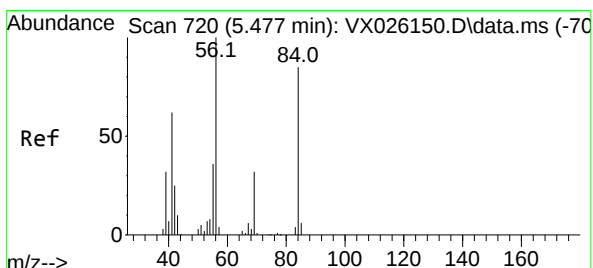
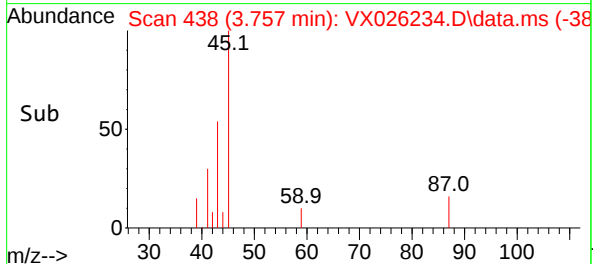
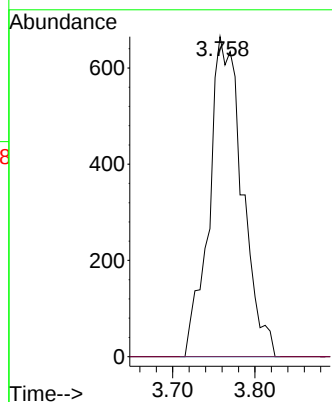
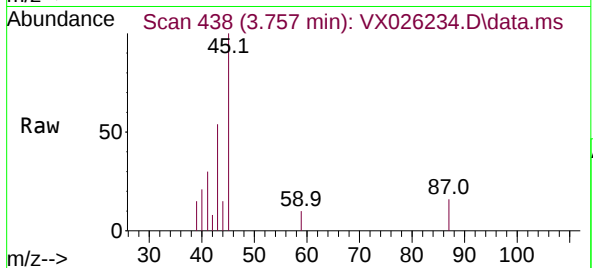




#23
 Vinyl Acetate
 Concen: 0.293 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX026234.D
 Acq: 03 Jan 2022 20:38

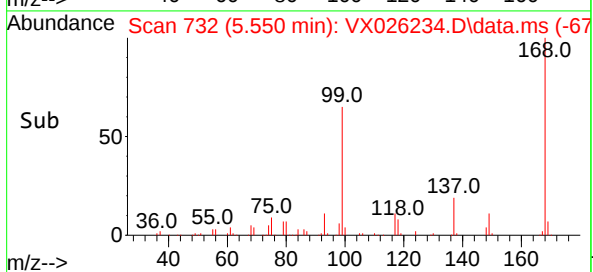
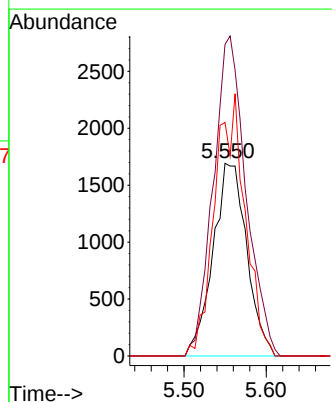
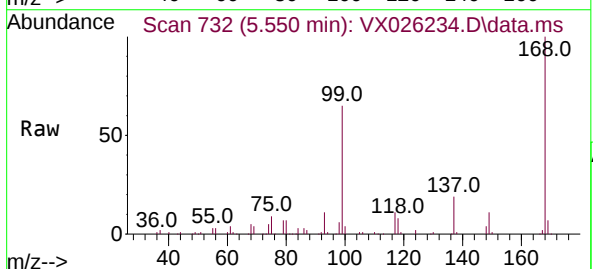
Instrument :
 MSVOA_X
 ClientSampleId :

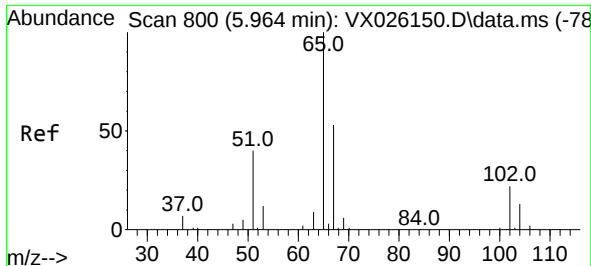
Tgt Ion: 43 Resp: 1862
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.6#



#31
 Cyclohexane
 Concen: 1.223 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.073 min
 Lab File: VX026234.D
 Acq: 03 Jan 2022 20:38

Tgt Ion: 56 Resp: 4822
 Ion Ratio Lower Upper
 56 100
 69 161.7 23.9 35.9#
 84 121.2 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 53.404 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

Instrument :

MSVOA_X

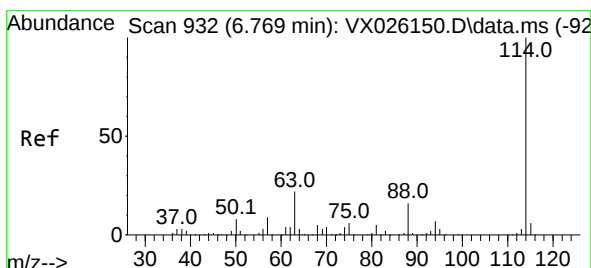
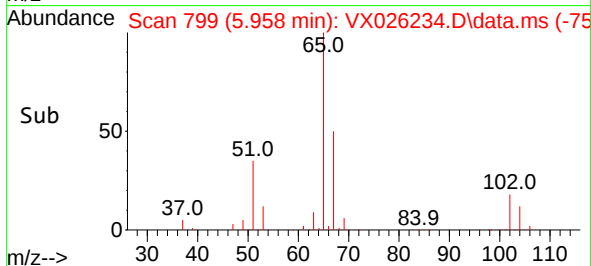
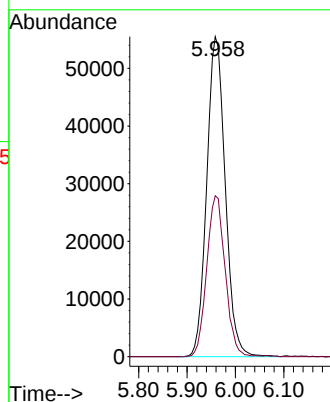
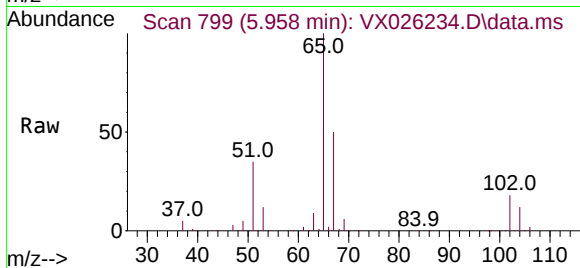
ClientSampleId :

Tgt Ion: 65 Resp: 147810

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

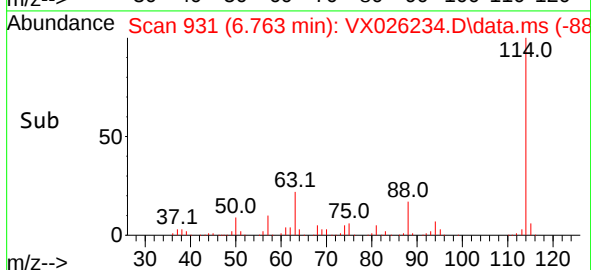
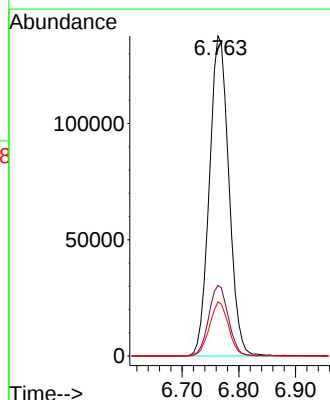
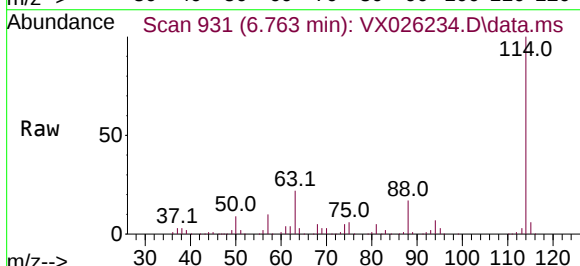
Tgt Ion: 114 Resp: 328330

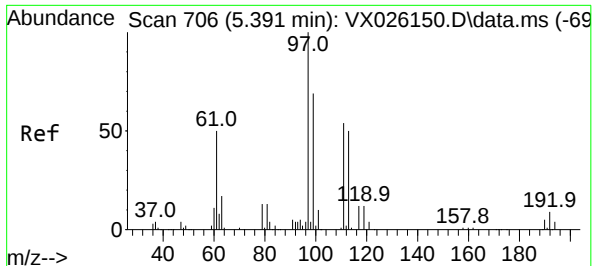
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.955 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

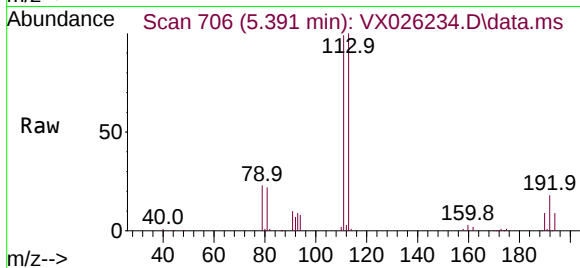
Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

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MSVOA_X

ClientSampleId :



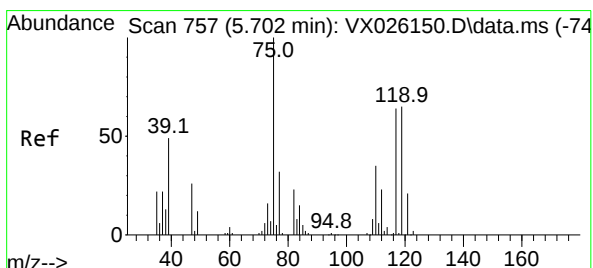
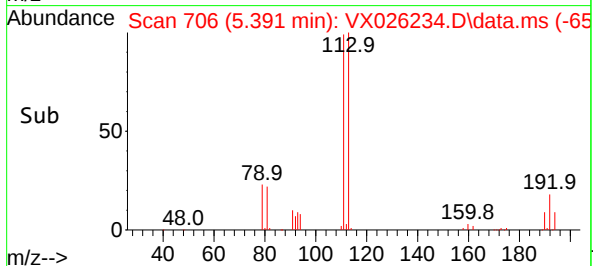
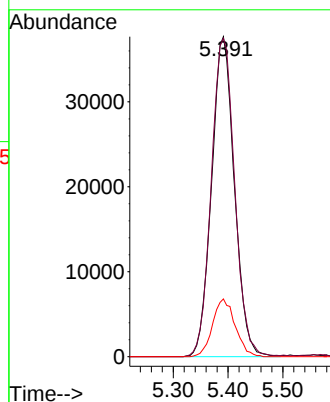
Tgt Ion:113 Resp: 108768

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 17.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.809 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

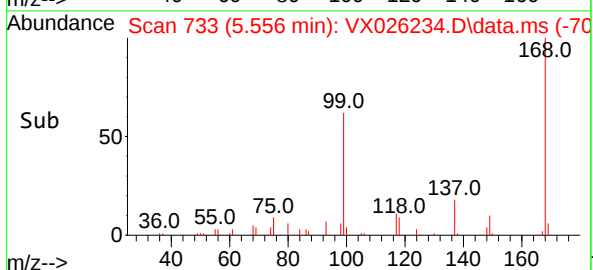
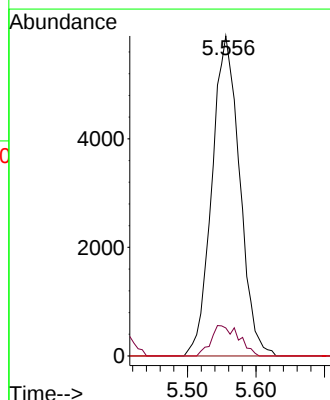
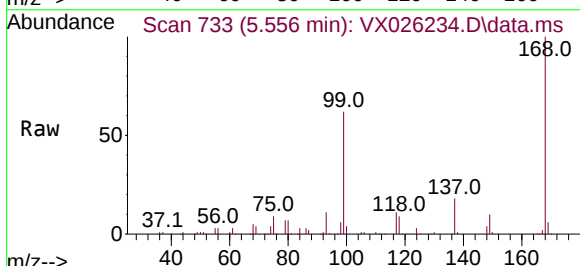
Tgt Ion: 75 Resp: 16557

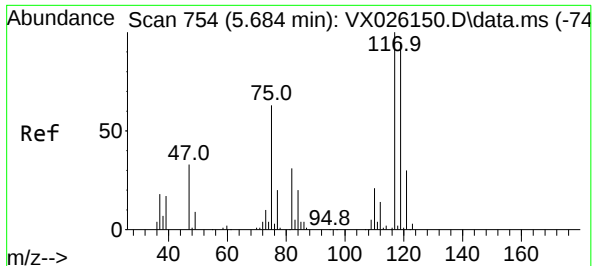
Ion Ratio Lower Upper

75 100

110 9.6 18.2 54.6#

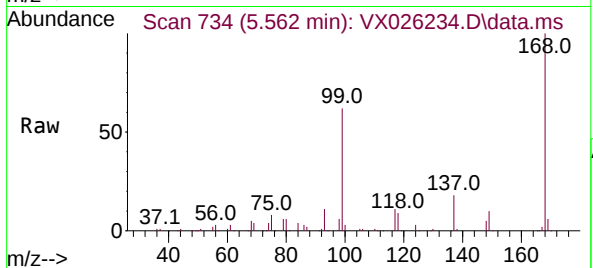
77 0.0 24.7 37.1#



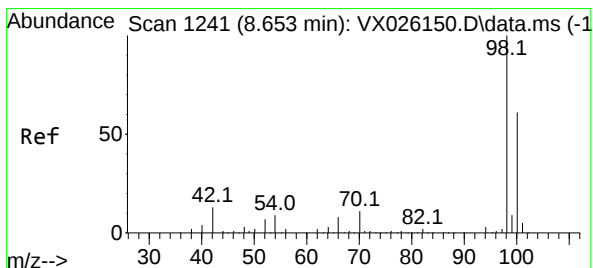
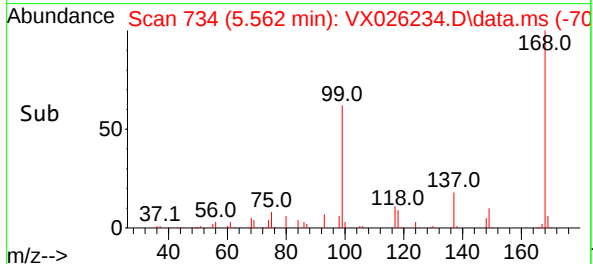
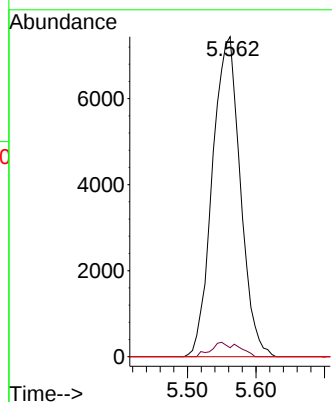


#38
Carbon Tetrachloride
Concen: 5.494 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026234.D
Acq: 03 Jan 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :

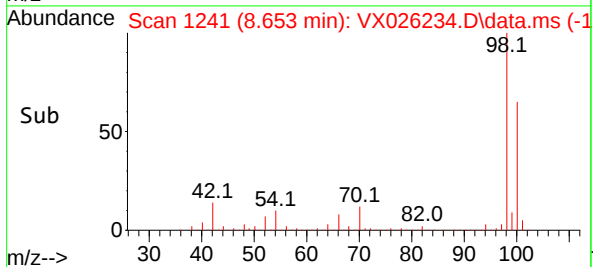
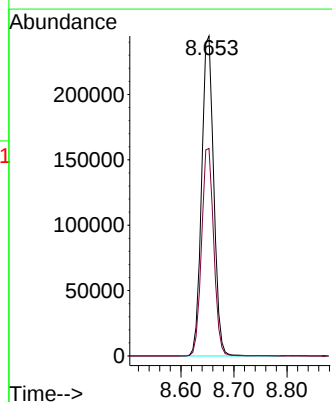
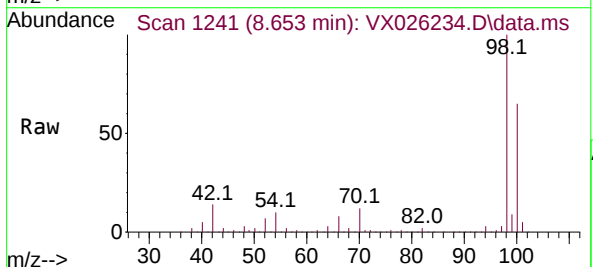


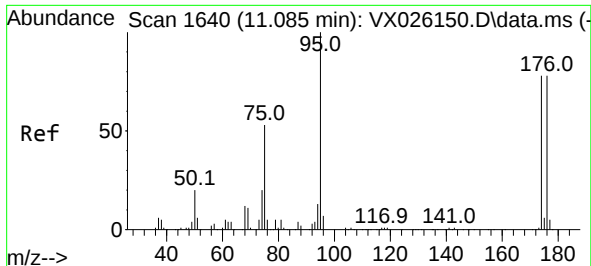
Tgt Ion:117 Resp: 21039
Ion Ratio Lower Upper
117 100
119 2.8 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 48.859 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026234.D
Acq: 03 Jan 2022 20:38

Tgt Ion: 98 Resp: 387935
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 47.519 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026234.D

Acq: 03 Jan 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

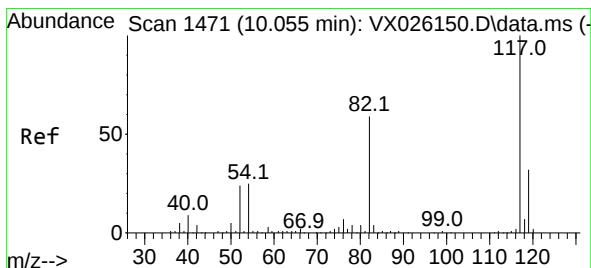
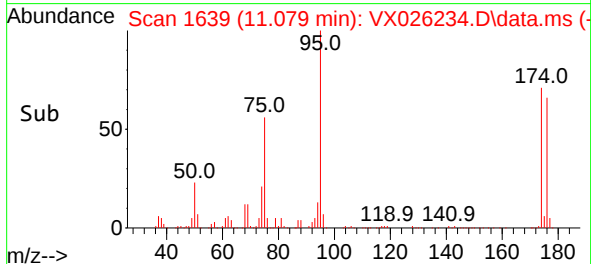
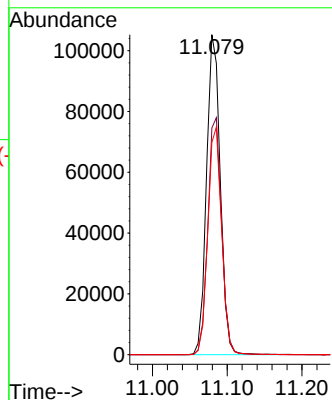
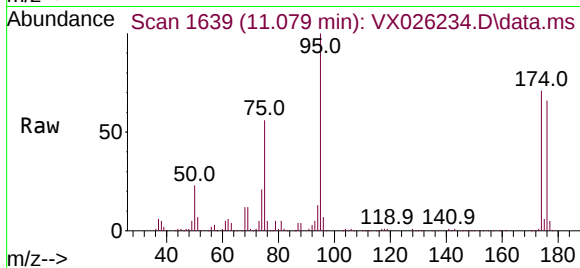
Tgt Ion: 95 Resp: 134311

Ion Ratio Lower Upper

95 100

174 74.5 0.0 157.4

176 71.6 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: VX026234.D

Acq: 03 Jan 2022 20:38

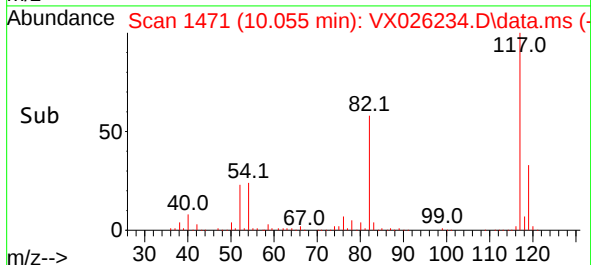
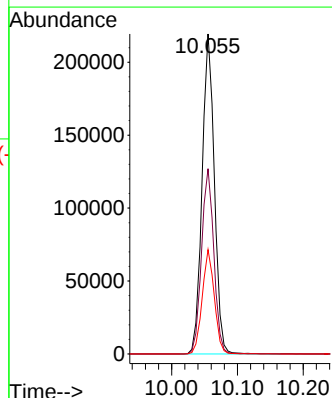
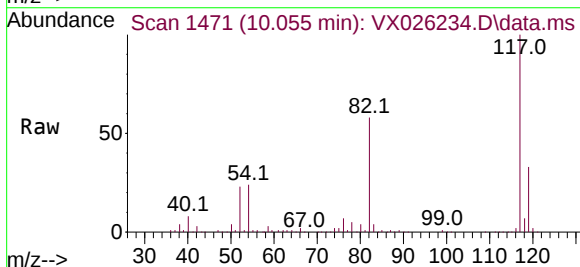
Tgt Ion: 117 Resp: 283788

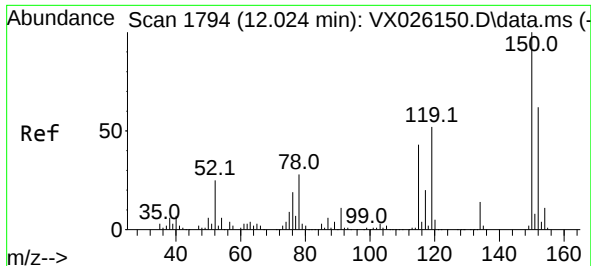
Ion Ratio Lower Upper

117 100

82 57.9 43.8 65.6

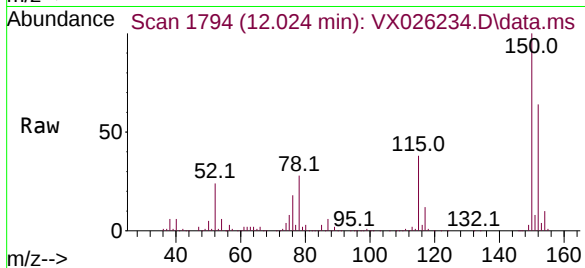
119 32.6 25.2 37.8



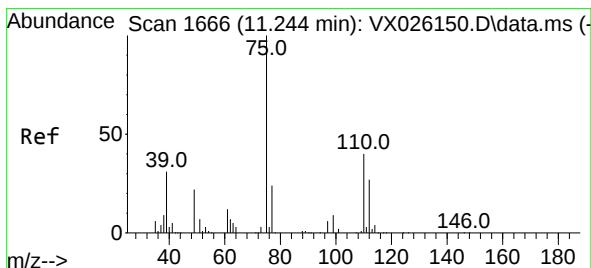
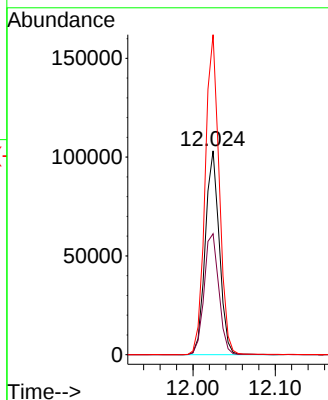
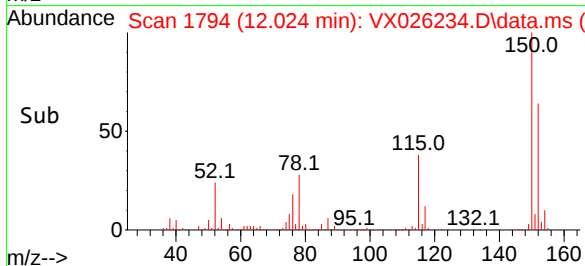


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026234.D
 Acq: 03 Jan 2022 20:38

Instrument :
 MSVOA_X
 ClientSampleId :

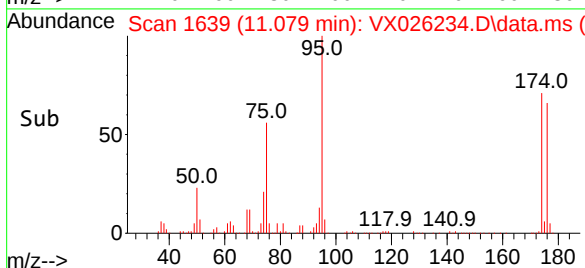
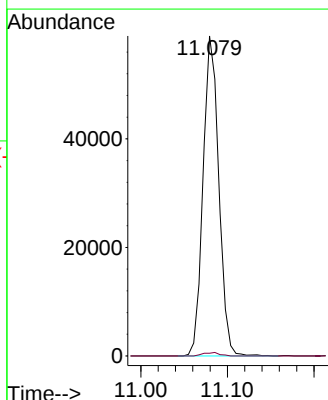
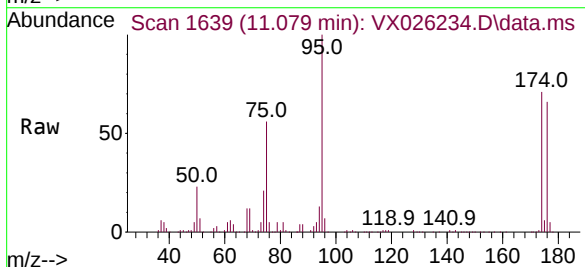


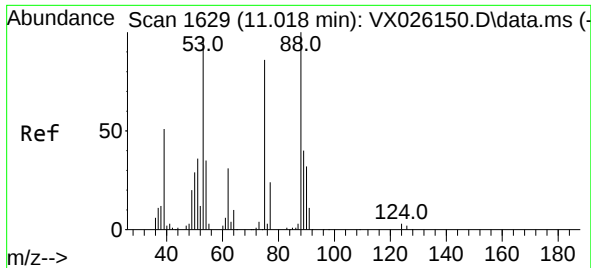
Tgt Ion:152 Resp: 121849
 Ion Ratio Lower Upper
 152 100
 115 62.5 41.3 123.9
 150 158.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 25.319 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026234.D
 Acq: 03 Jan 2022 20:38

Tgt Ion: 75 Resp: 74467
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.249 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026234.D
 Acq: 03 Jan 2022 20:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 74467
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

