

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026225.D
 Acq On : 03 Jan 2022 17:10
 Operator : JC/MD
 Sample : M5335-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:52:28 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)

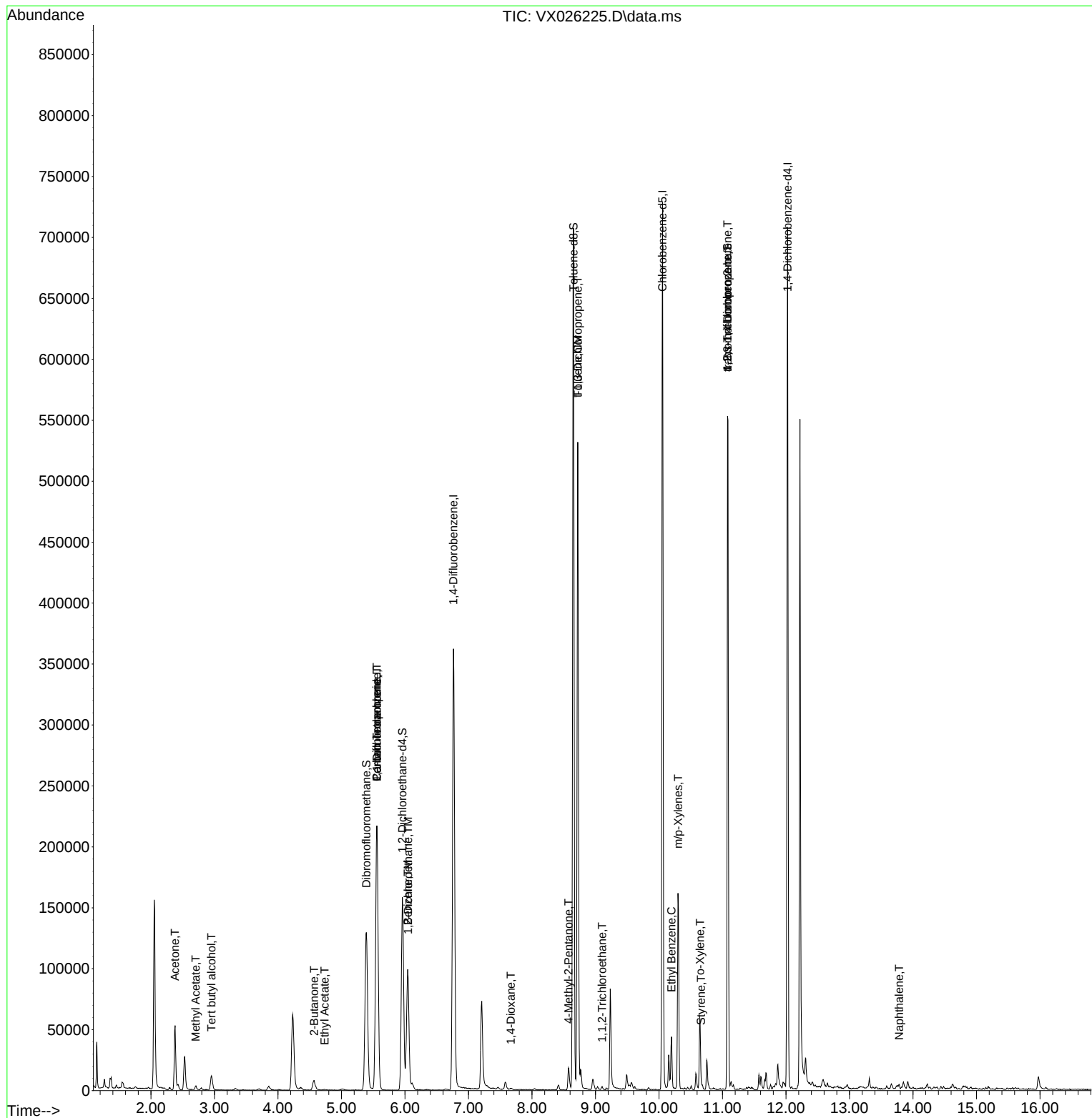
Internal Standards						
1) Pentafluorobenzene	5.556	168	195805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	345953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151055	53.325	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.391	113	111948	49.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.540%			
50) Toluene-d8	8.653	98	401746	48.021	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.040%			
62) 4-Bromofluorobenzene	11.079	95	145380	48.815	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.620%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	12981	22.943	ug/l	98
16) Acetone	2.380	43	56811	37.015	ug/l	94
18) Methyl Acetate	2.703	43	3905	0.784	ug/l	100
20) Methylene Chloride	2.794	84	590	Below Cal	#	85
25) 2-Butanone	4.568	43	14998	7.015	ug/l	98
36) 1,1-Dichloropropene	5.556	75	17369	4.788	ug/l #	49
37) Ethyl Acetate	4.733	43	1433	0.341	ug/l #	73
38) Carbon Tetrachloride	5.556	117	21210	5.256	ug/l #	14
40) Benzene	6.044	78	113695	10.981	ug/l	98
42) 1,2-Dichloroethane	6.050	62	1545	0.369	ug/l #	74
49) 1,4-Dioxane	7.665	88	552	9.111	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	11302	2.649	ug/l	95
52) Toluene	8.720	92	185549	29.111	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	2380	2.432	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	862	0.329	ug/l #	15
67) Ethyl Benzene	10.195	91	22872	1.934	ug/l	99
68) m/p-Xylenes	10.299	106	36485	8.262	ug/l	94
69) o-Xylene	10.647	106	11896	2.753	ug/l	87
70) Styrene	10.659	104	2337	0.330	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	79888	24.457	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	79888	70.756	ug/l #	10
95) Naphthalene	13.780	128	2336	0.223	ug/l	98

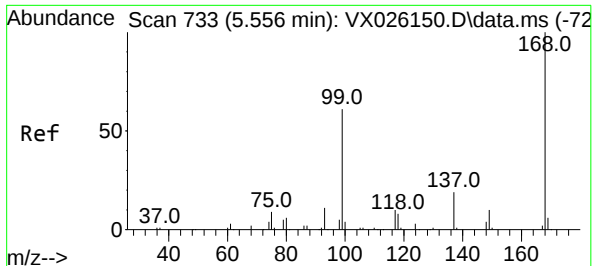
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
Data File : VX026225.D
Acq On : 03 Jan 2022 17:10
Operator : JC/MD
Sample : M5335-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

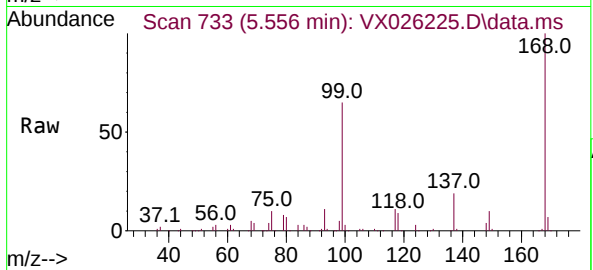
Quant Time: Jan 04 03:52:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



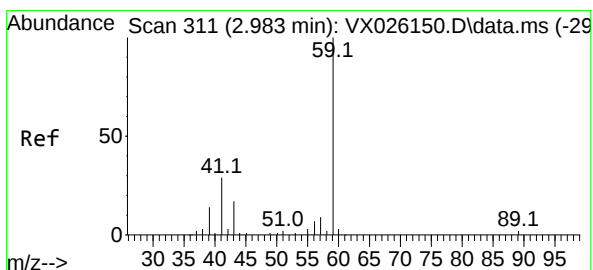
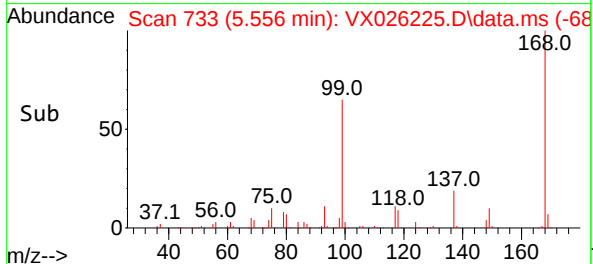
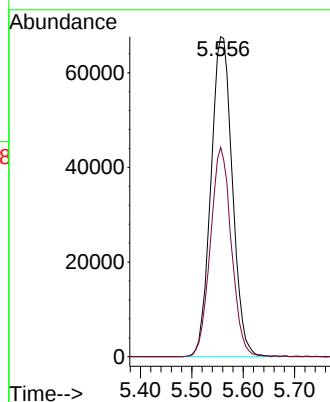


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :

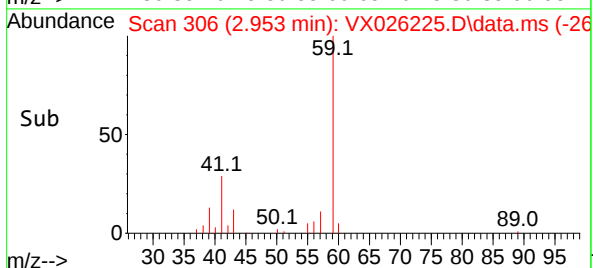
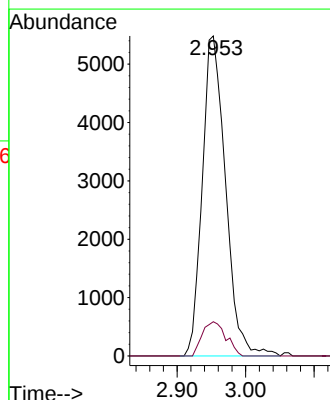
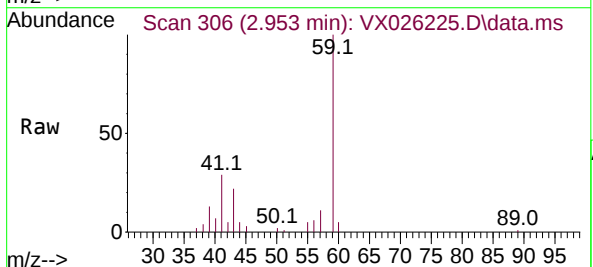


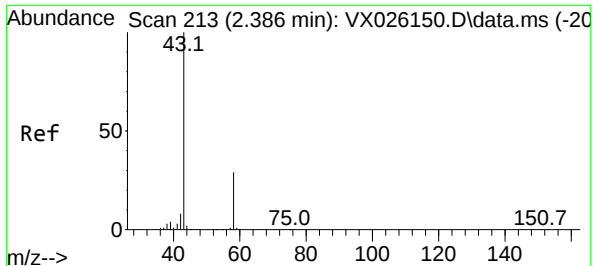
Tgt Ion:168 Resp: 195805
Ion Ratio Lower Upper
168 100
99 65.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 22.943 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Tgt Ion: 59 Resp: 12981
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

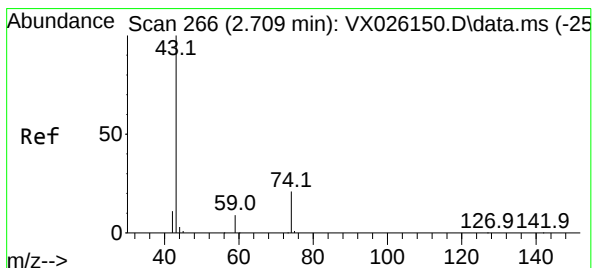
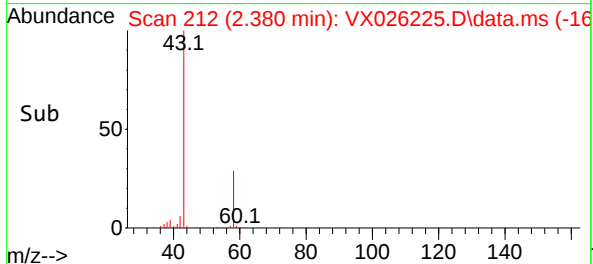
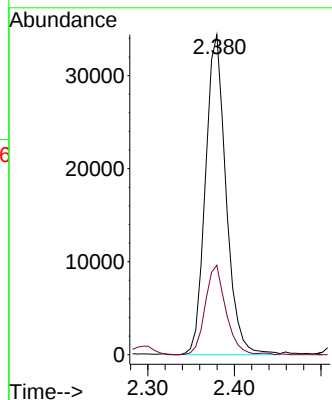
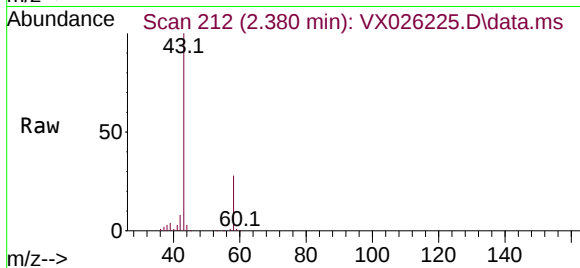




#16
Acetone
Concen: 37.015 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

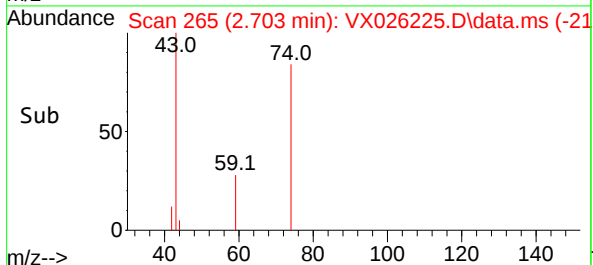
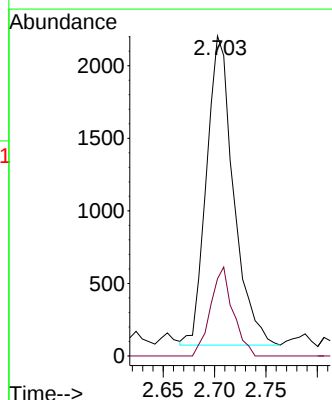
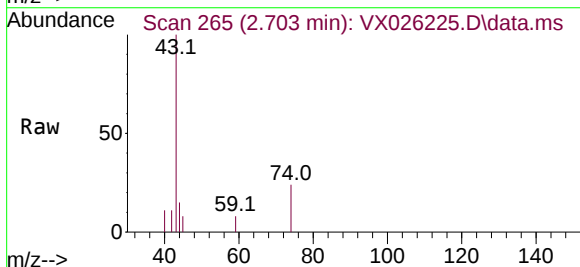
Instrument :
MSVOA_X
ClientSampleId :

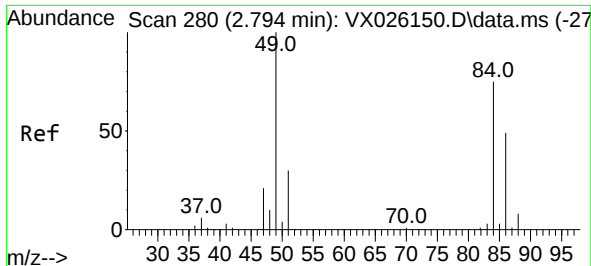
Tgt Ion: 43 Resp: 56811
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2



#18
Methyl Acetate
Concen: 0.784 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

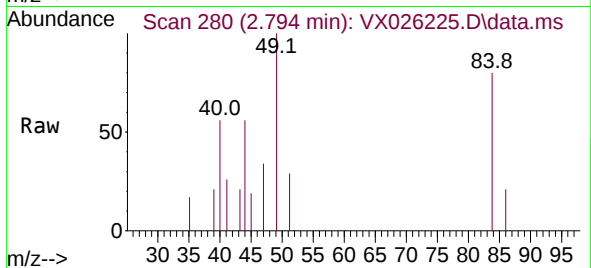
Tgt Ion: 43 Resp: 3905
Ion Ratio Lower Upper
43 100
74 23.7 19.1 28.7



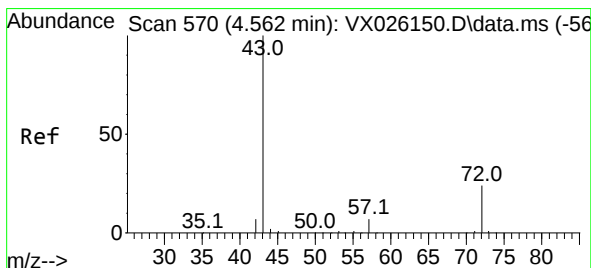
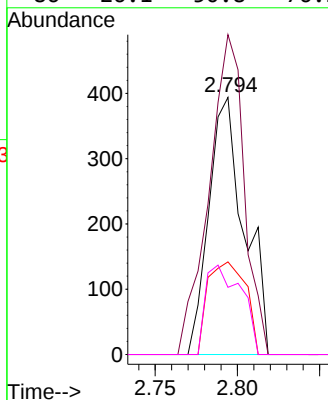
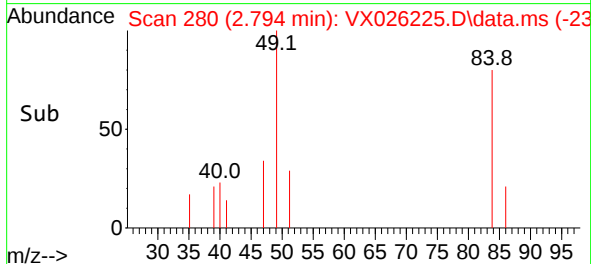


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :

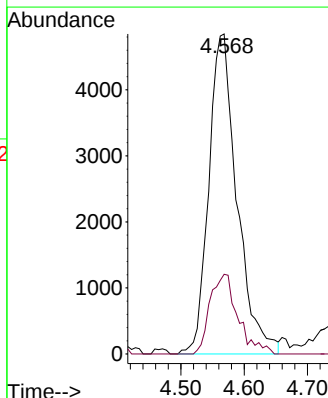
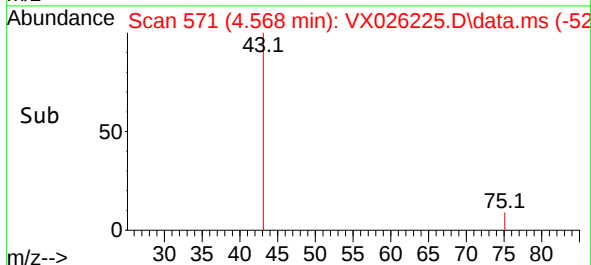
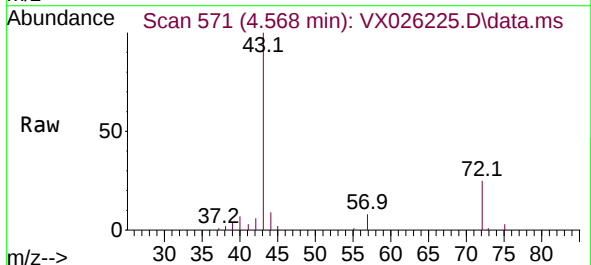


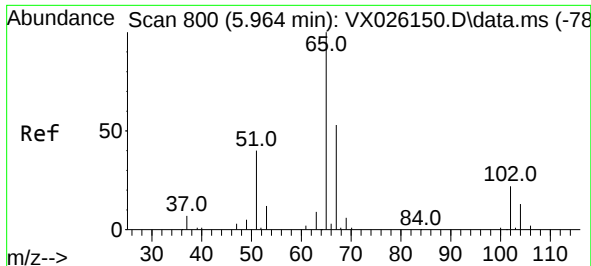
Tgt Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
49 124.4 97.1 145.7
51 36.0 29.3 43.9
86 26.1 50.8 76.2#



#25
2-Butanone
Concen: 7.015 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Tgt Ion: 43 Resp: 14998
Ion Ratio Lower Upper
43 100
72 24.9 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 53.325 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026225.D

Acq: 03 Jan 2022 17:10

Instrument :

MSVOA_X

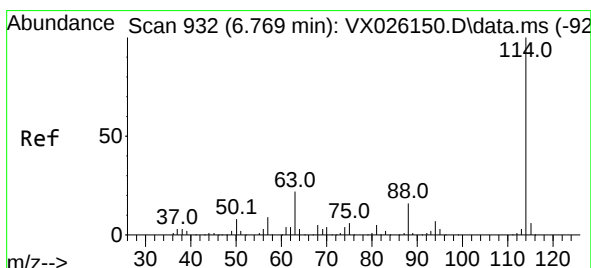
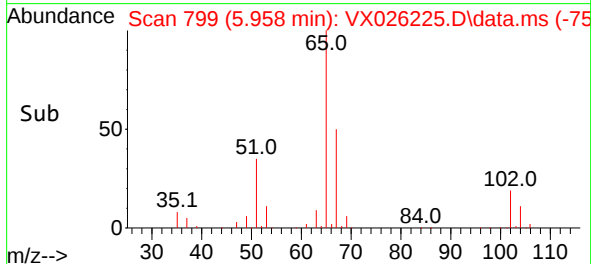
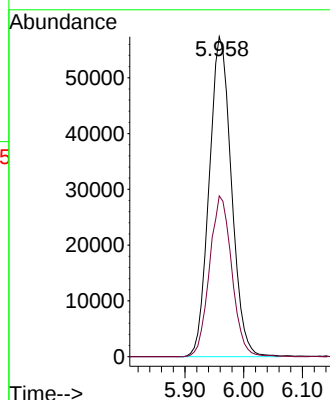
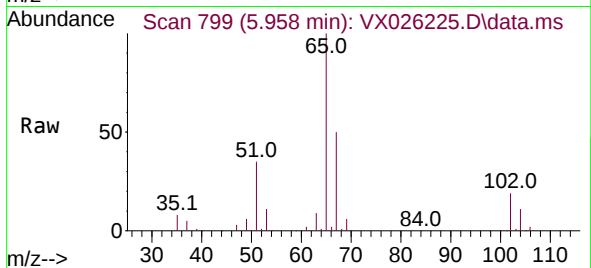
ClientSampleId :

Tgt Ion: 65 Resp: 151055

Ion Ratio Lower Upper

65 100

67 50.3 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: VX026225.D

Acq: 03 Jan 2022 17:10

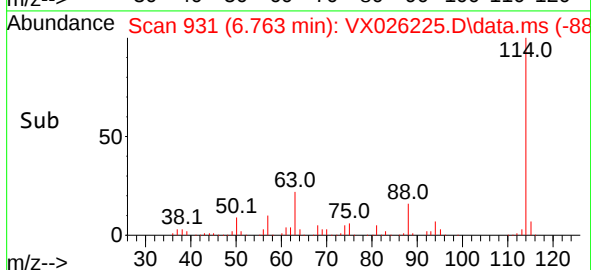
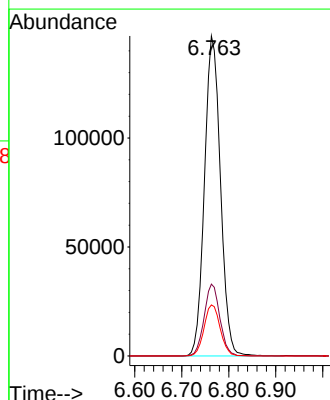
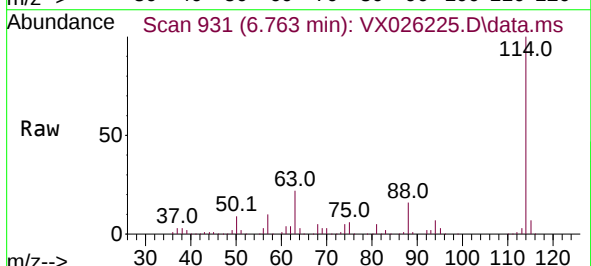
Tgt Ion: 114 Resp: 345953

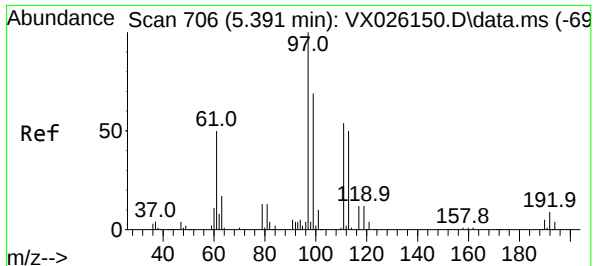
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

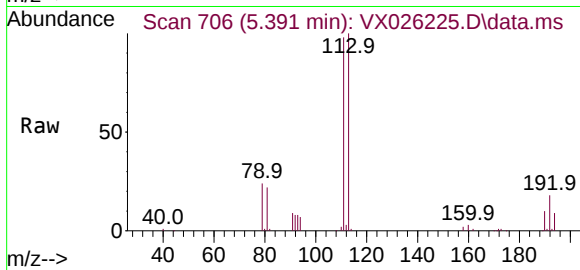
88 15.9 0.0 30.6



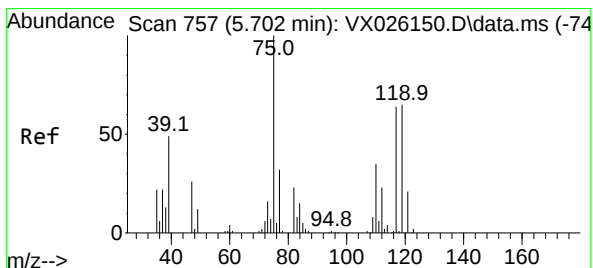
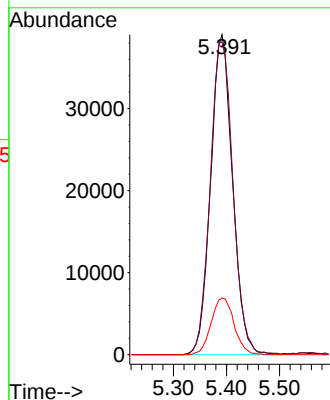
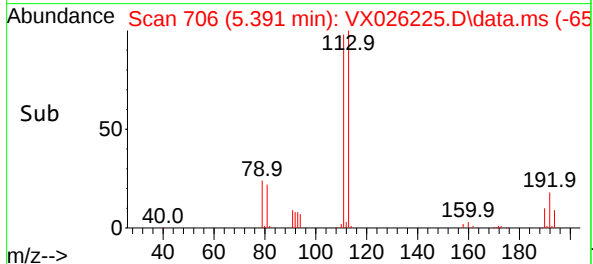


#35
 Dibromofluoromethane
 Concen: 49.773 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX026225.D
 Acq: 03 Jan 2022 17:10

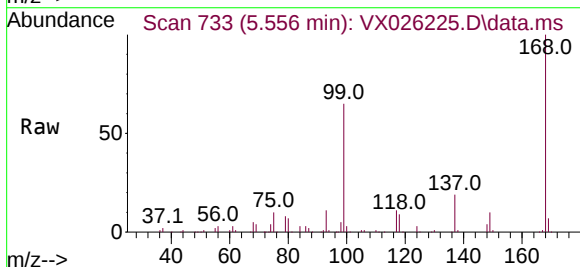
Instrument :
 MSVOA_X
 ClientSampleId :



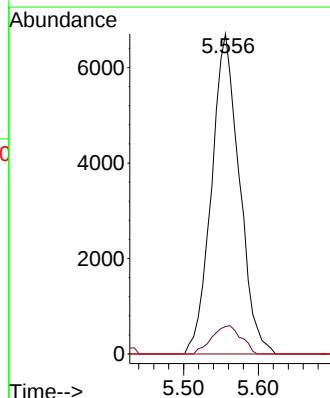
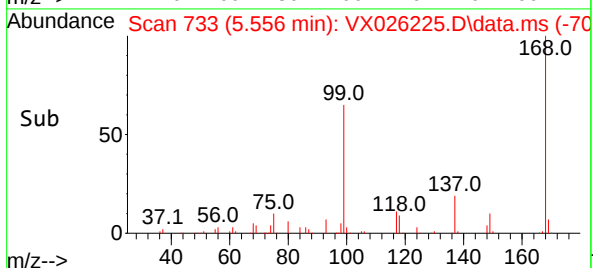
Tgt Ion:113 Resp: 111948
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 18.5 15.0 22.4

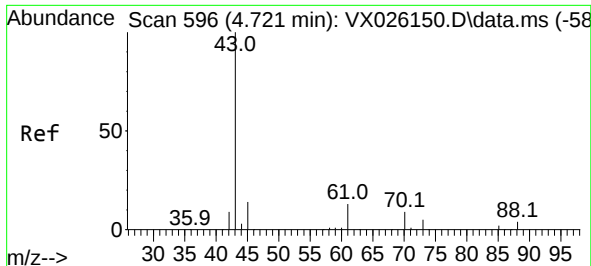


#36
 1,1-Dichloropropene
 Concen: 4.788 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.146 min
 Lab File: VX026225.D
 Acq: 03 Jan 2022 17:10



Tgt Ion: 75 Resp: 17369
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.2 54.6#
 77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.341 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

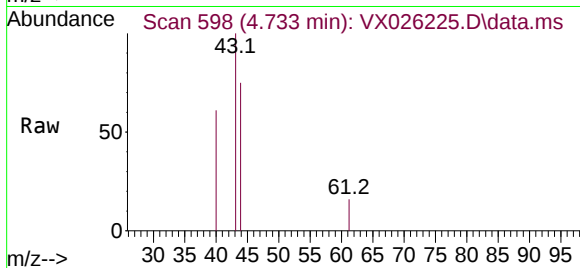
Lab File: VX026225.D

Acq: 03 Jan 2022 17:10

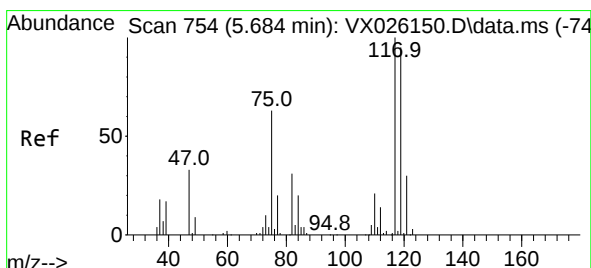
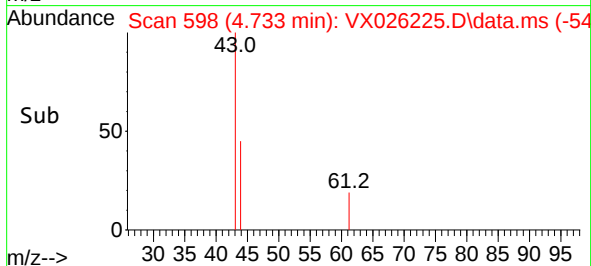
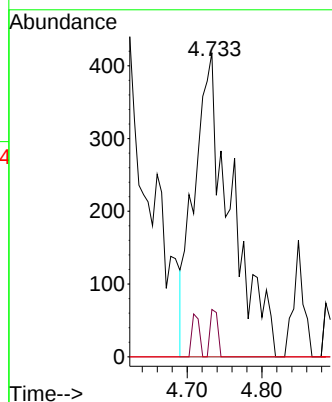
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	1433
Ion	Ratio	Lower	Upper
43	100		
61	3.2	10.7	16.1#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 5.256 ug/l

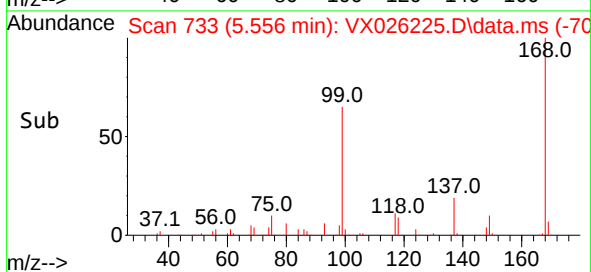
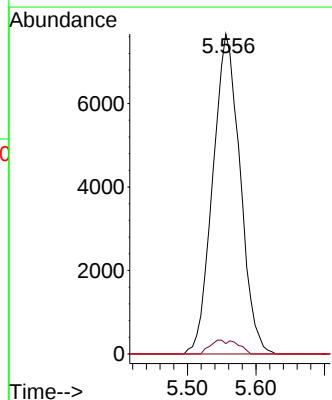
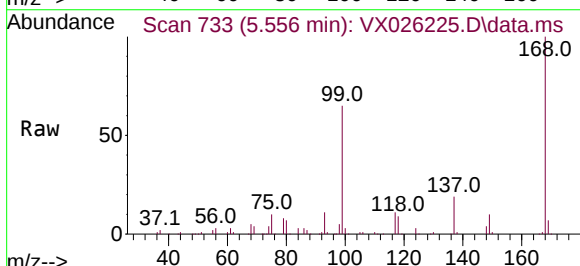
RT: 5.556 min Scan# 733

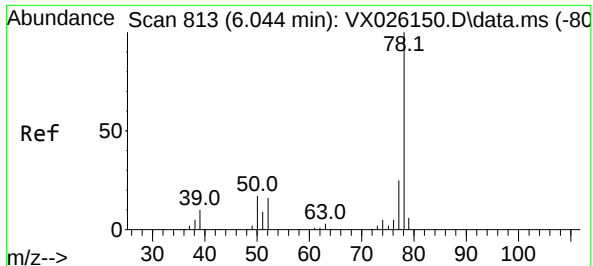
Delta R.T. -0.128 min

Lab File: VX026225.D

Acq: 03 Jan 2022 17:10

Tgt Ion:	117	Resp:	21210
Ion	Ratio	Lower	Upper
117	100		
119	3.2	77.2	115.8#
121	0.0	23.8	35.8#

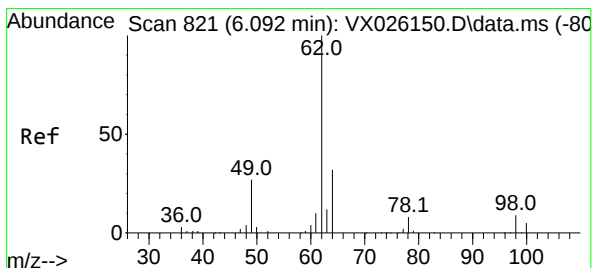
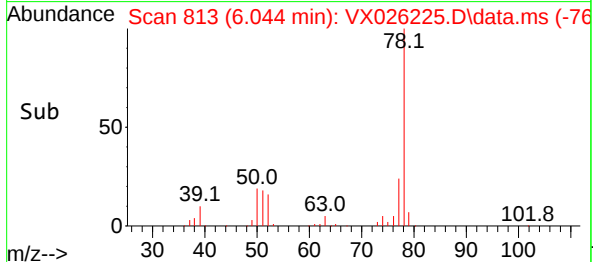
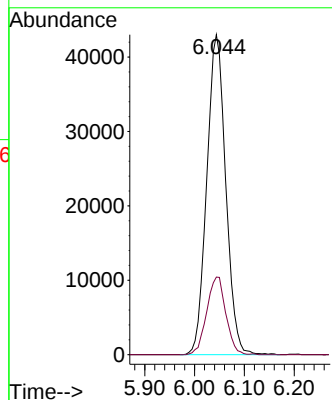
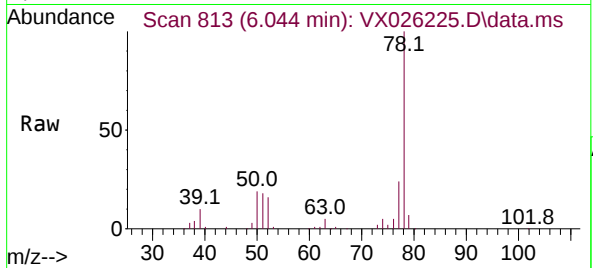




#40
Benzene
Concen: 10.981 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

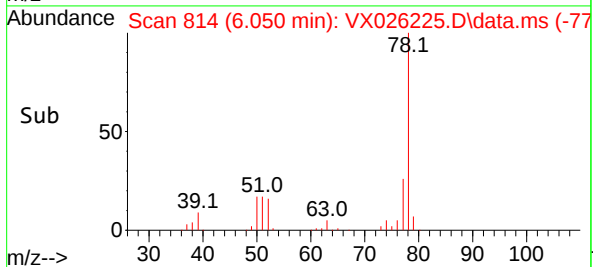
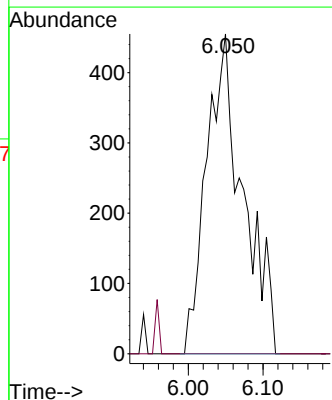
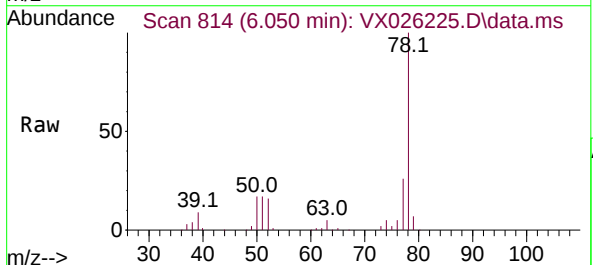
Instrument :
MSVOA_X
ClientSampleId :

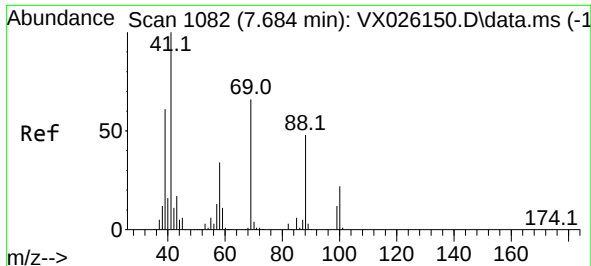
Tgt Ion: 78 Resp: 113695
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8



#42
1,2-Dichloroethane
Concen: 0.369 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.042 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Tgt Ion: 62 Resp: 1545
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.8





#49

1,4-Dioxane

Concen: 9.111 ug/l

RT: 7.665 min Scan# 1082

Delta R.T. -0.019 min

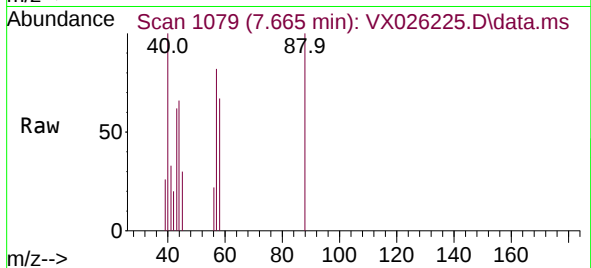
Lab File: VX026225.D

Acq: 03 Jan 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :



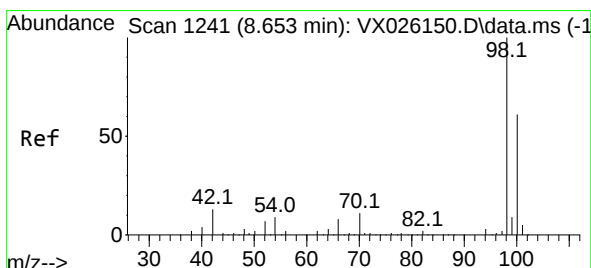
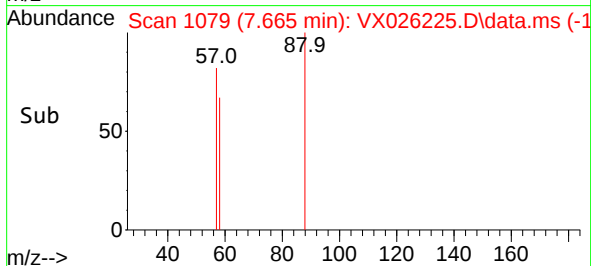
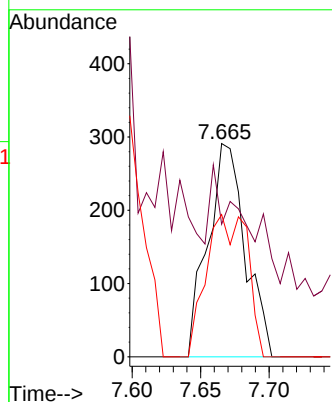
Tgt Ion: 88 Resp: 552

Ion Ratio Lower Upper

88 100

43 47.8 25.3 37.9#

58 74.3 51.8 77.6



#50

Toluene-d8

Concen: 48.021 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026225.D

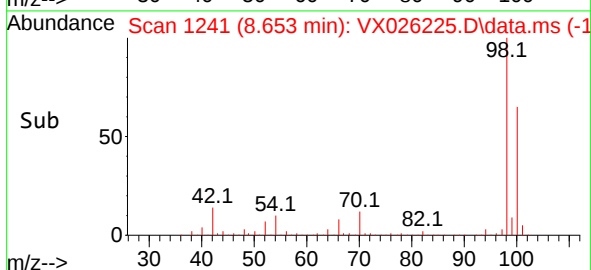
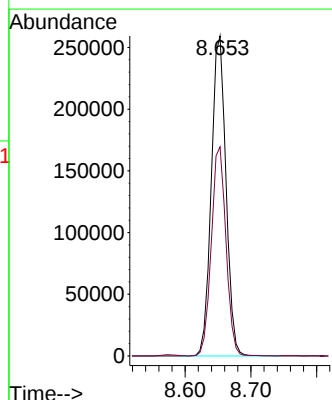
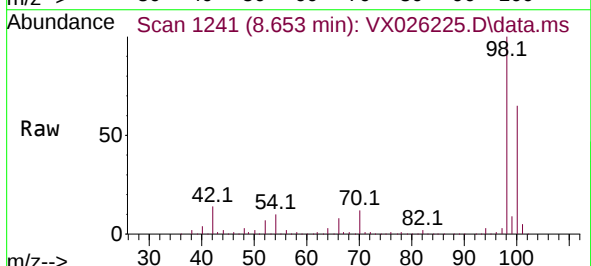
Acq: 03 Jan 2022 17:10

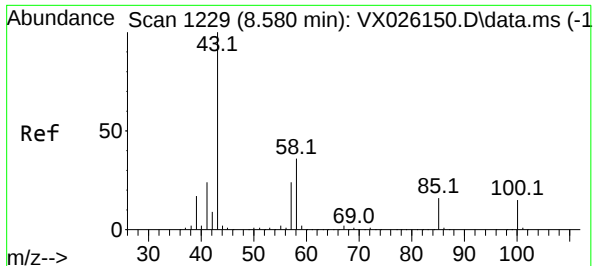
Tgt Ion: 98 Resp: 401746

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

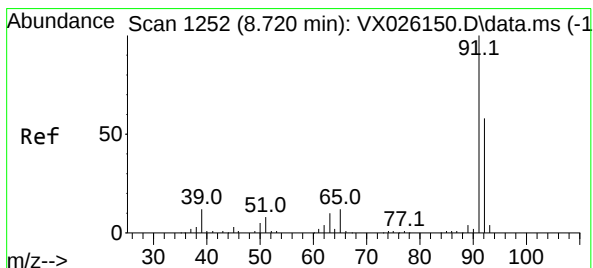
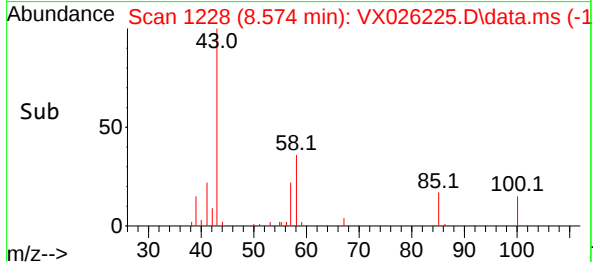
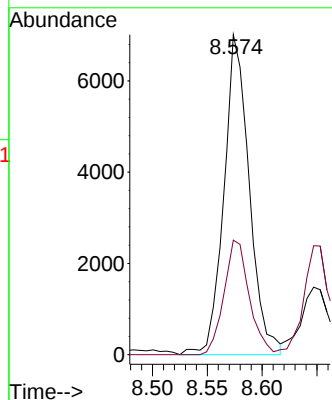
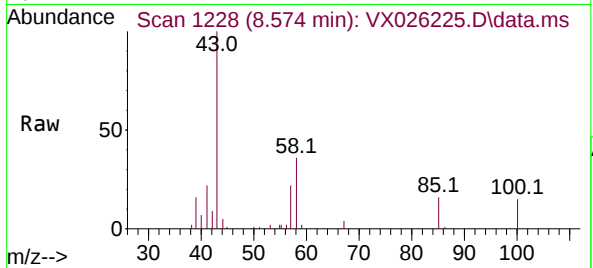




#51
4-Methyl-2-Pentanone
Concen: 2.649 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

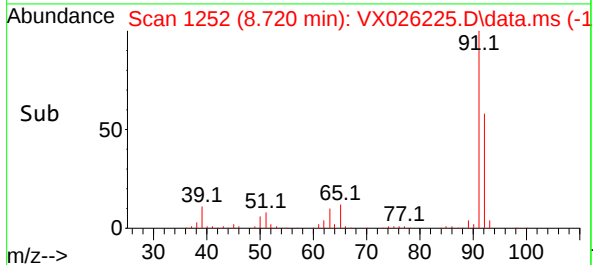
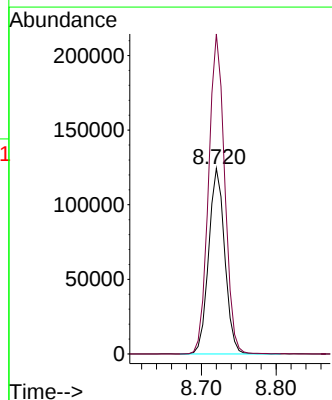
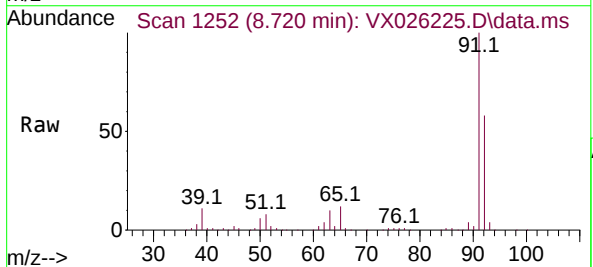
Instrument :
MSVOA_X
ClientSampleId :

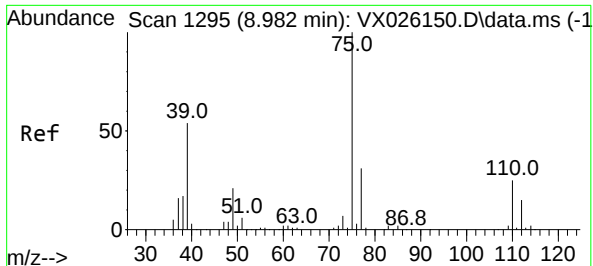
Tgt Ion: 43 Resp: 11302
Ion Ratio Lower Upper
43 100
58 35.6 30.8 46.2



#52
Toluene
Concen: 29.111 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Tgt Ion: 92 Resp: 185549
Ion Ratio Lower Upper
92 100
91 173.0 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 2.432 ug/l

RT: 8.720 min Scan# 1315

Delta R.T. -0.262 min

Lab File: VX026225.D

Acq: 03 Jan 2022 17:10

Instrument :

MSVOA_X

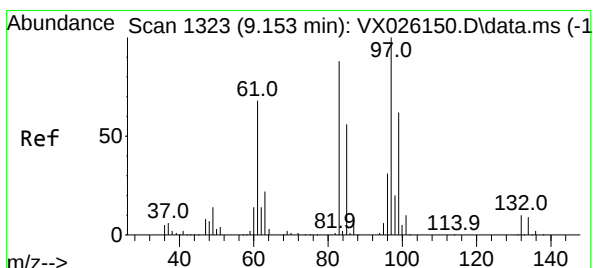
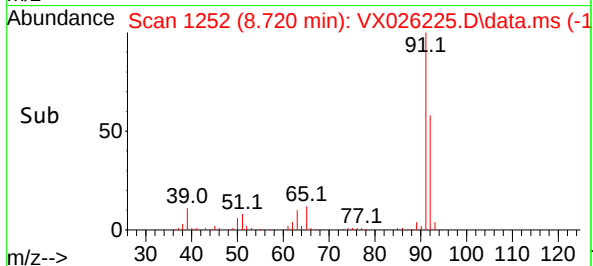
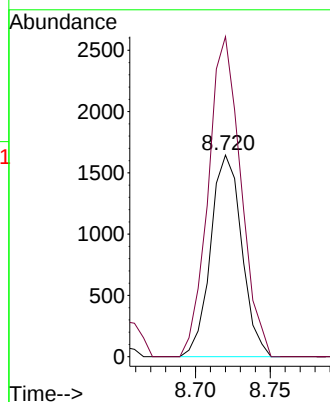
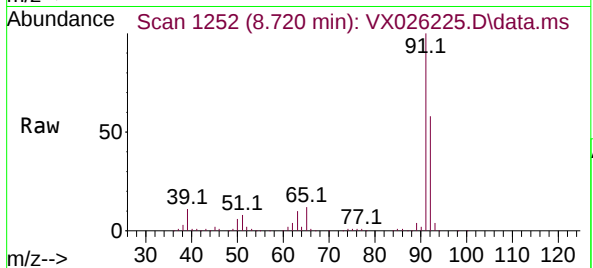
ClientSampleId :

Tgt Ion: 75 Resp: 2380

Ion Ratio Lower Upper

75 100

77 158.7 25.1 37.7#



#55

1,1,2-Trichloroethane

Concen: 0.329 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX026225.D

Acq: 03 Jan 2022 17:10

Tgt Ion: 97 Resp: 862

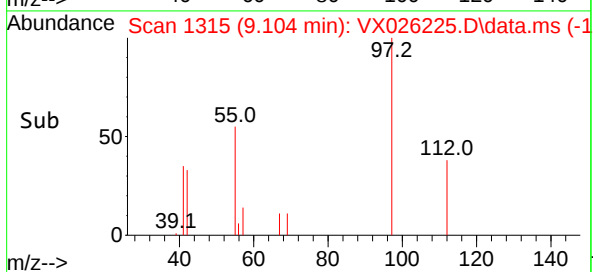
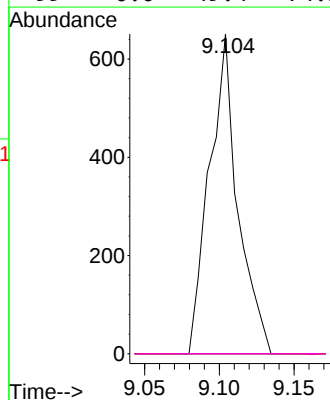
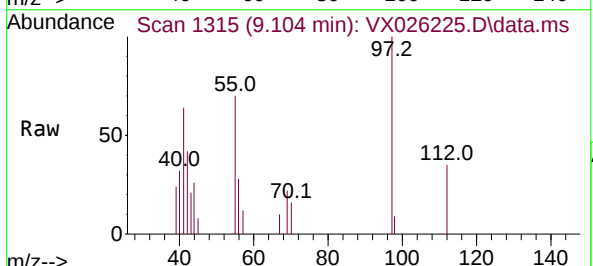
Ion Ratio Lower Upper

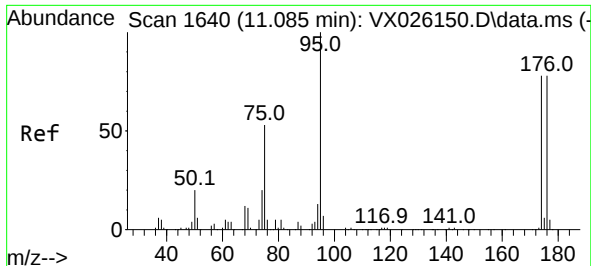
97 100

83 0.0 70.5 105.7#

85 0.0 43.8 65.6#

99 0.0 49.4 74.2#

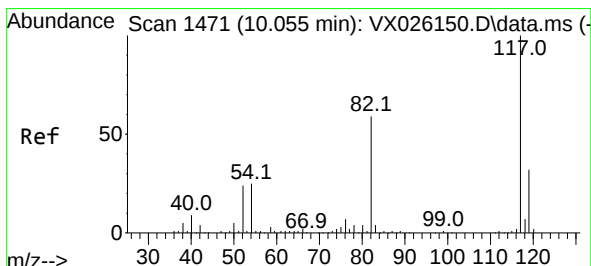
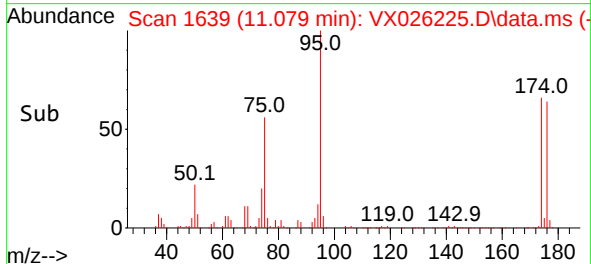
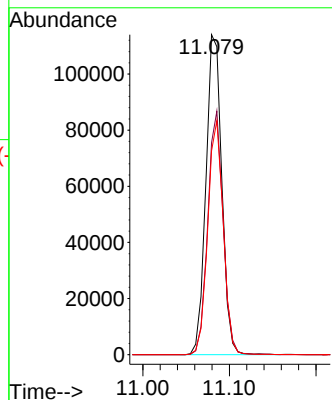
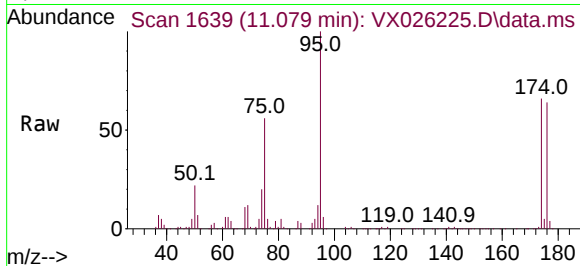




#62
4-Bromofluorobenzene
Concen: 48.815 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

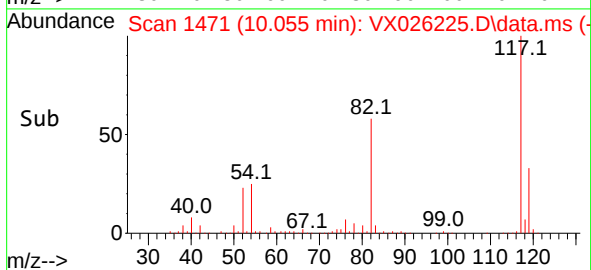
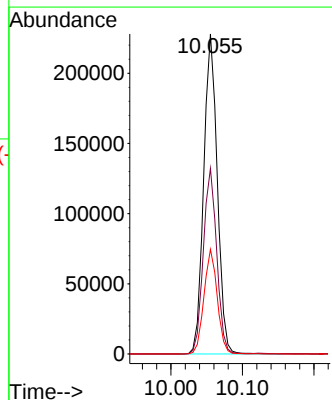
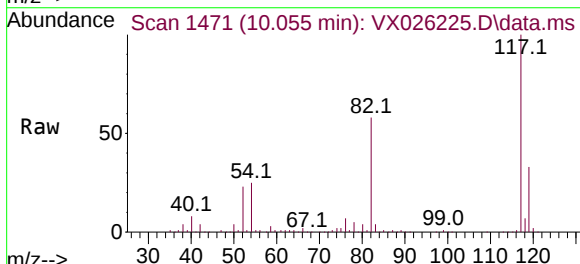
Instrument :
MSVOA_X
ClientSampleId :

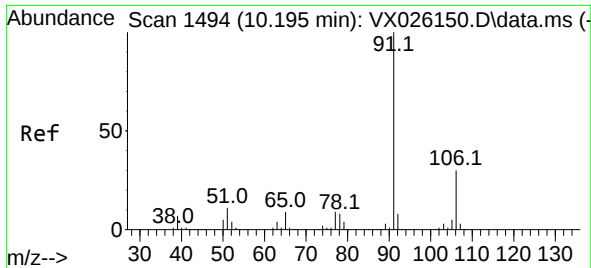
Tgt Ion: 95 Resp: 145380
Ion Ratio Lower Upper
95 100
174 73.4 0.0 157.4
176 71.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Tgt Ion: 117 Resp: 301097
Ion Ratio Lower Upper
117 100
82 58.0 43.8 65.6
119 32.7 25.2 37.8

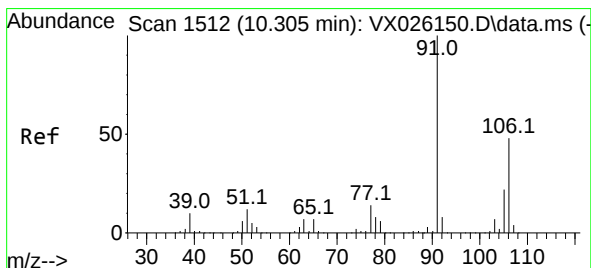
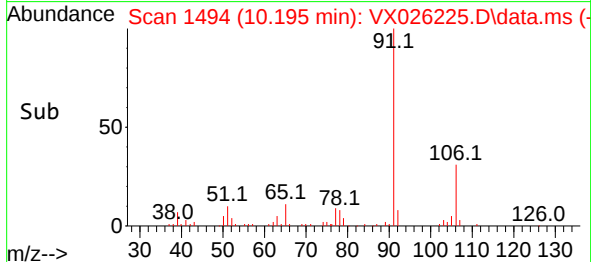
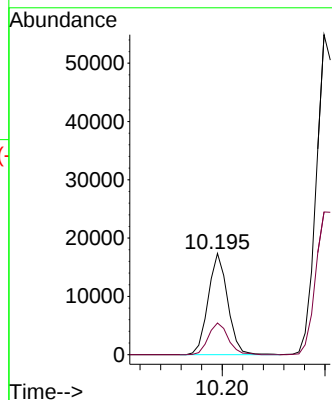
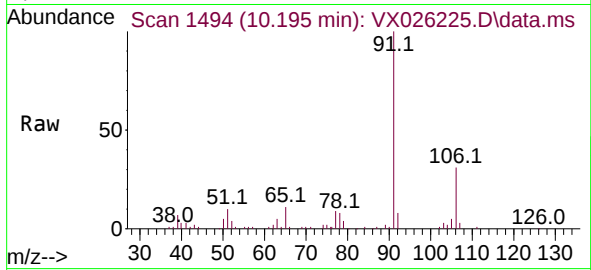




#67
Ethyl Benzene
Concen: 1.934 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

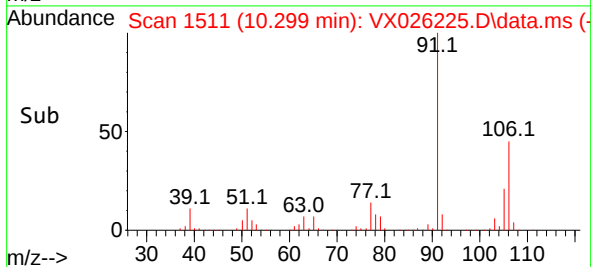
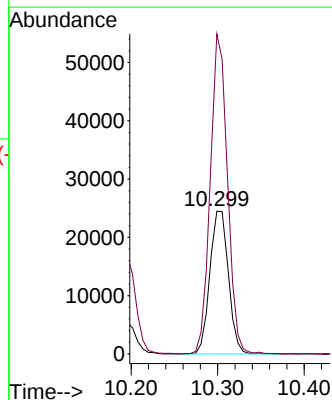
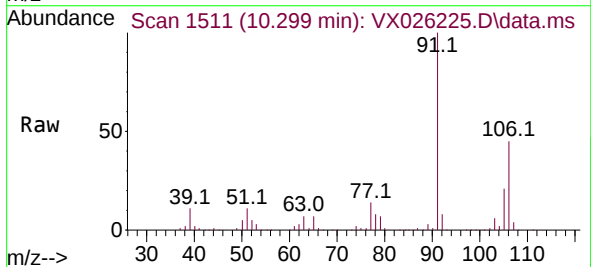
Instrument :
MSVOA_X
ClientSampleId :

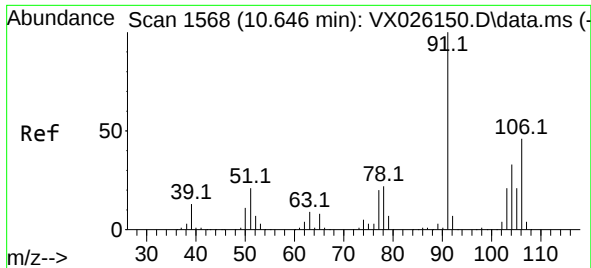
Tgt Ion: 91 Resp: 22872
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5



#68
m/p-Xylenes
Concen: 8.262 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Tgt Ion:106 Resp: 36485
Ion Ratio Lower Upper
106 100
91 207.9 158.6 238.0

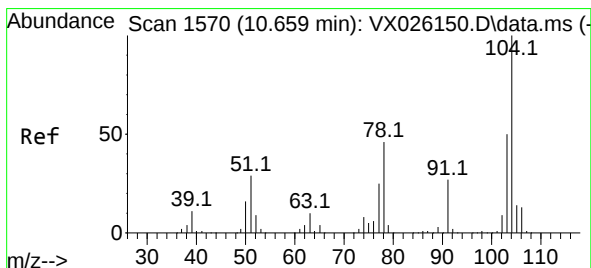
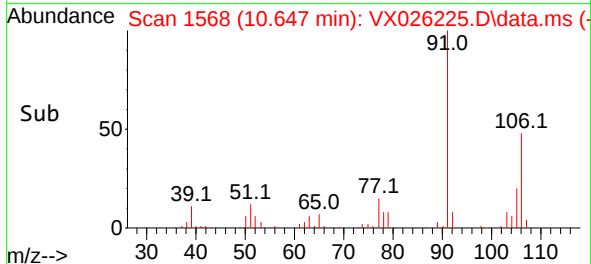
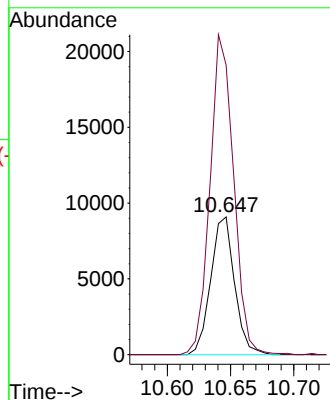
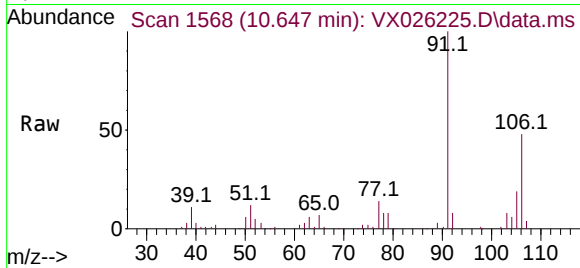




#69
o-Xylene
Concen: 2.753 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

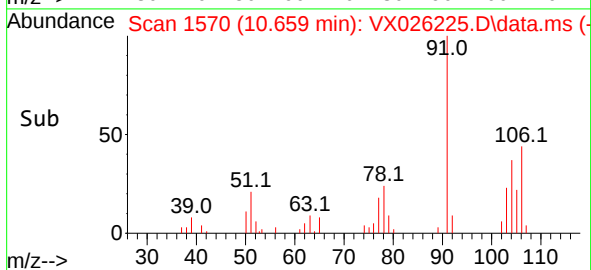
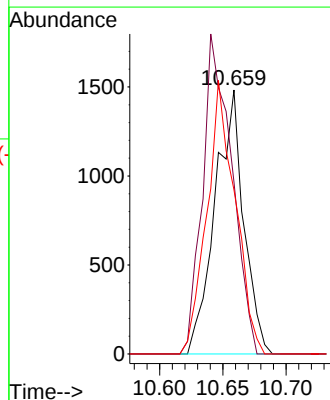
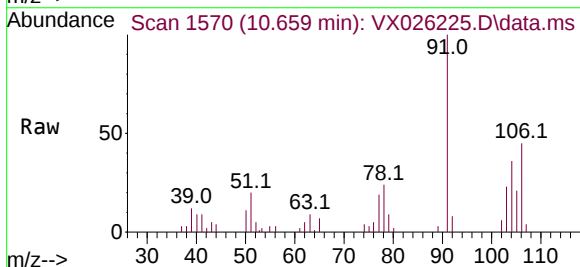
Instrument :
MSVOA_X
ClientSampleId :

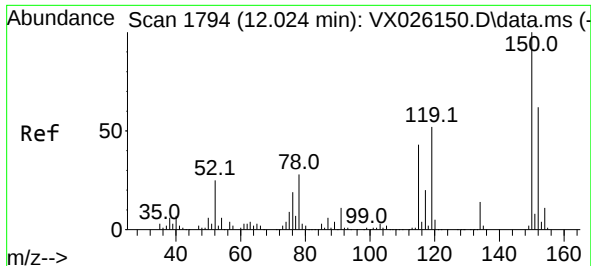
Tgt Ion:106 Resp: 11896
Ion Ratio Lower Upper
106 100
91 230.7 105.5 316.4



#70
Styrene
Concen: 0.330 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

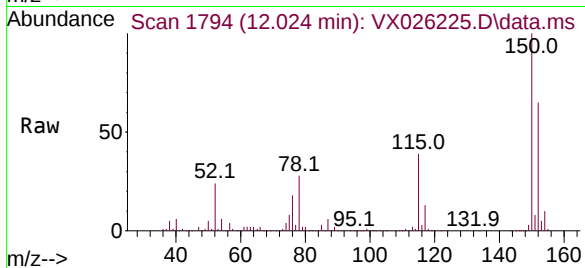
Tgt Ion:104 Resp: 2337
Ion Ratio Lower Upper
104 100
78 123.1 39.8 59.6#
103 102.2 43.0 64.6#



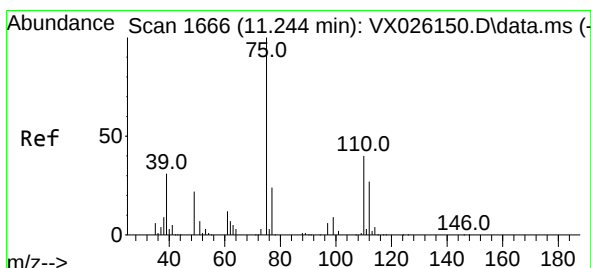
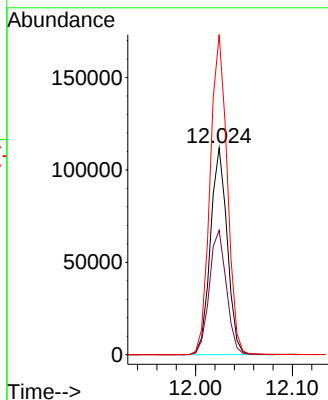
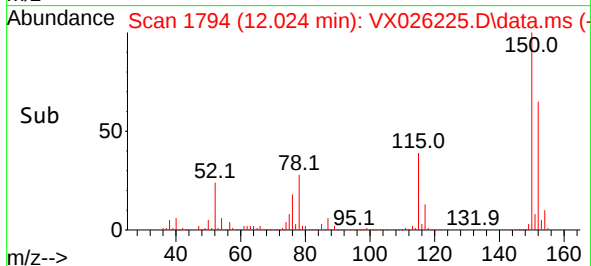


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026225.D
 Acq: 03 Jan 2022 17:10

Instrument :
 MSVOA_X
 ClientSampleId :

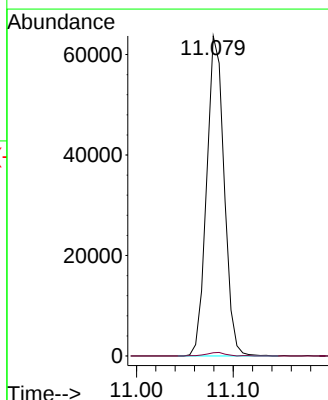
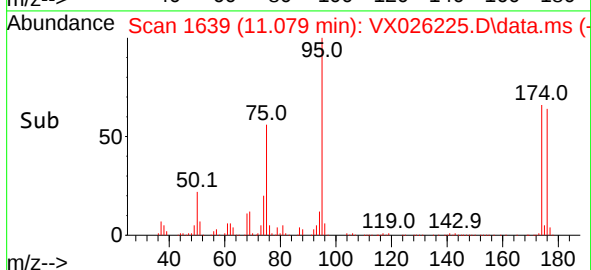
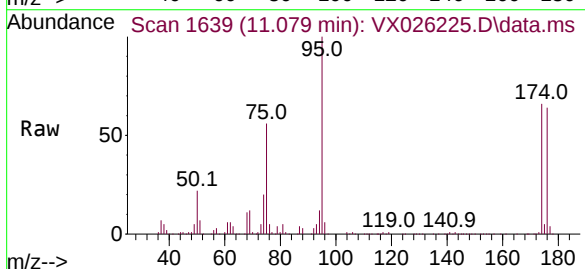


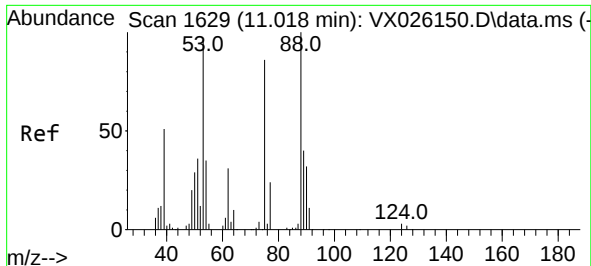
Tgt Ion:152 Resp: 135325
 Ion Ratio Lower Upper
 152 100
 115 61.2 41.3 123.9
 150 157.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.457 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026225.D
 Acq: 03 Jan 2022 17:10

Tgt Ion: 75 Resp: 79888
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.0 57.0#

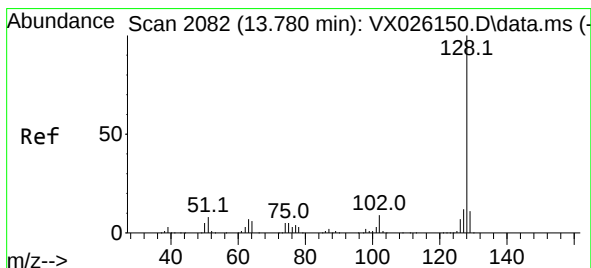
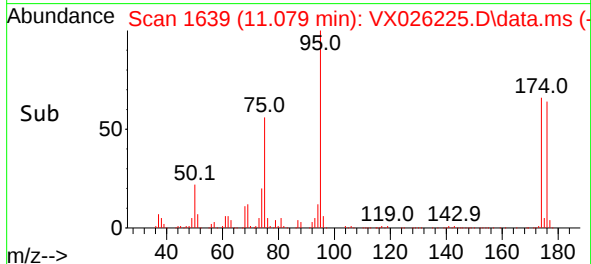
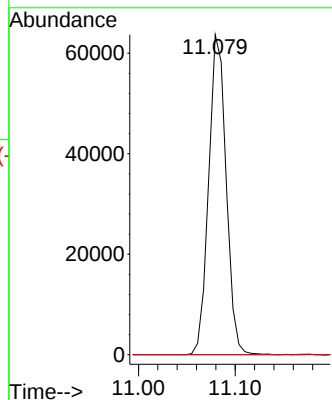
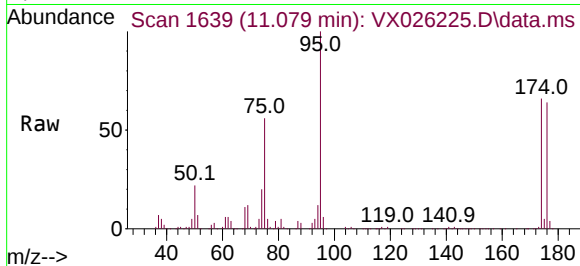




#81
trans-1,4-Dichloro-2-butene
Concen: 70.756 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 79888
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026225.D
Acq: 03 Jan 2022 17:10

Tgt Ion:128 Resp: 2336
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.3 8.8 13.2

