

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX027003.D
 Acq On : 12 Feb 2022 05:35
 Operator : JC/MD
 Sample : N1465-08 20X
 Misc : 6.14g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5-8-8.0

Quant Time: Feb 14 00:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

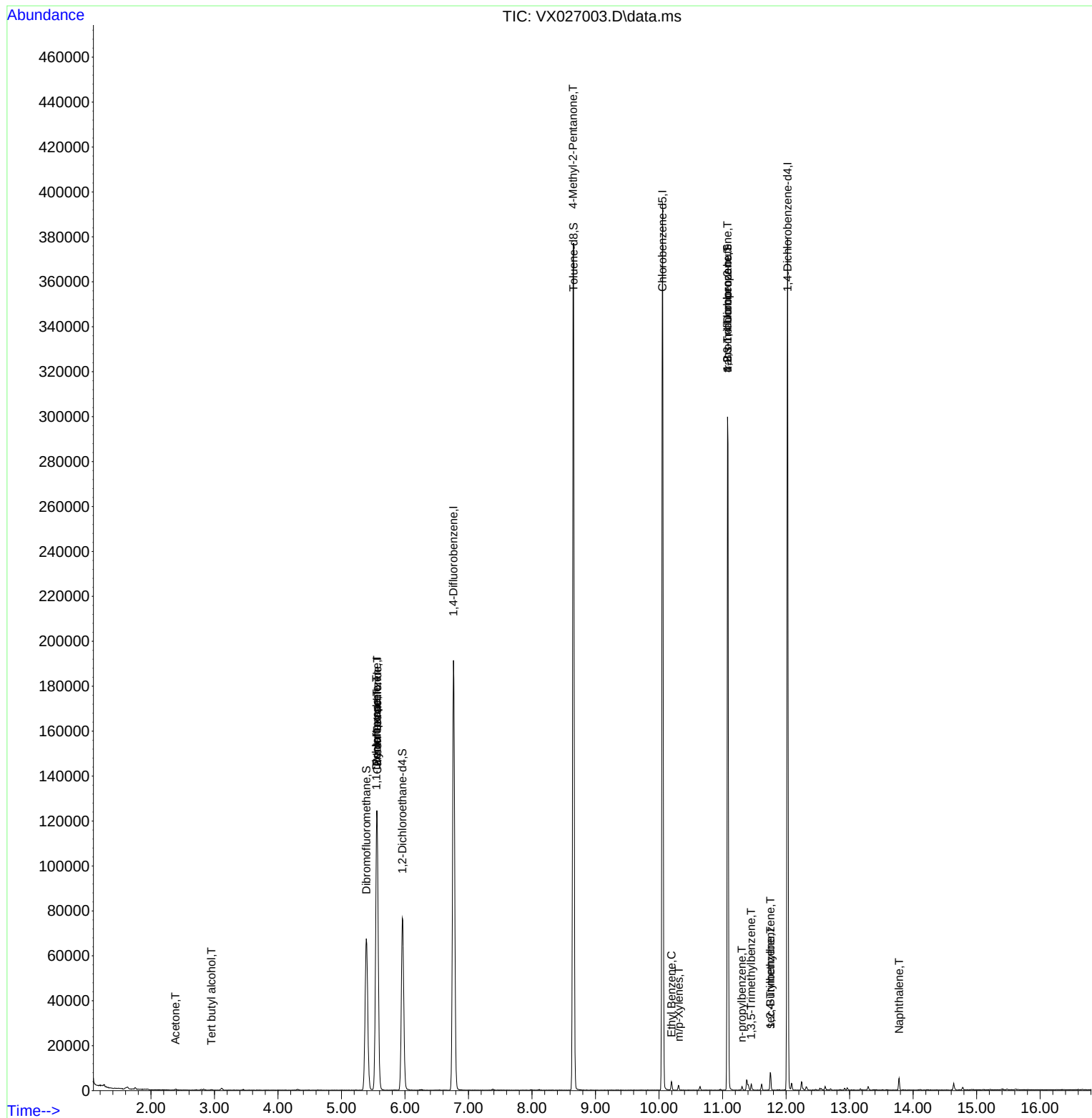
Internal Standards						
1) Pentafluorobenzene	5.556	168	119476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75103	52.366	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.740%			
35) Dibromofluoromethane	5.391	113	60139	51.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.653	98	228207	52.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.840%			
62) 4-Bromofluorobenzene	11.079	95	82564	54.382	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.760%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	211	0.814	ug/l #	75
16) Acetone	2.386	43	475	0.754	ug/l #	83
31) Cyclohexane	5.556	56	2417	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8960	4.835	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12258	6.307	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	976	0.497	ug/l #	1
67) Ethyl Benzene	10.195	91	2420	0.377	ug/l	93
68) m/p-Xylenes	10.311	106	561	0.227	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	40987	24.834	ug/l #	40
78) n-propylbenzene	11.305	91	1329	0.202	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1460	0.299	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	40987	75.772	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	3902	0.791	ug/l	98
85) sec-Butylbenzene	11.756	105	3902	0.661	ug/l #	56
95) Naphthalene	13.780	128	3519	0.638	ug/l	98

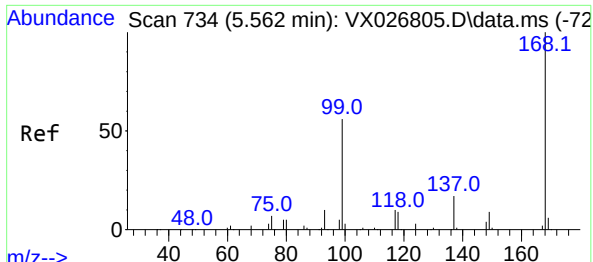
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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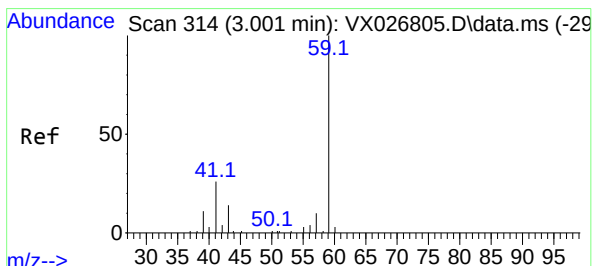
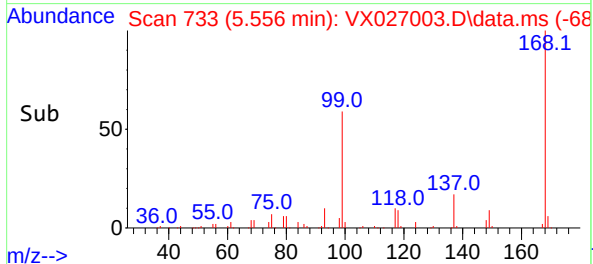
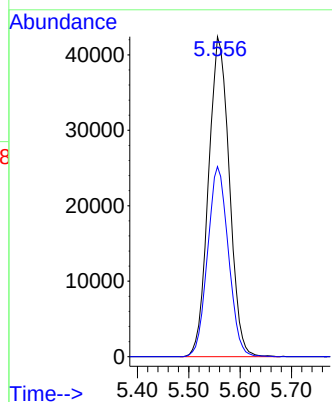
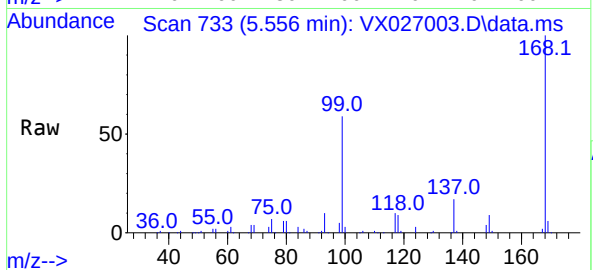




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

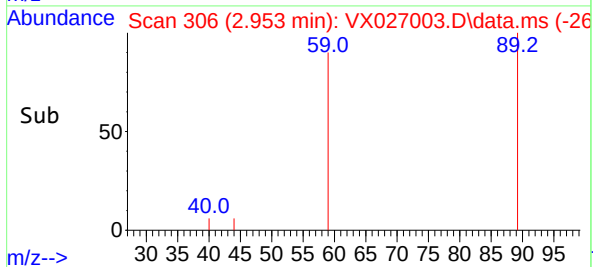
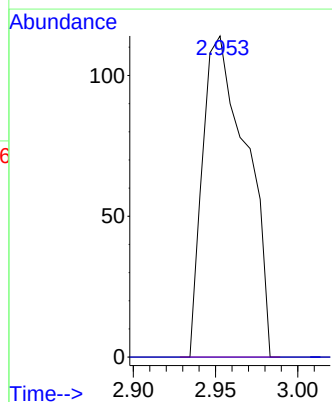
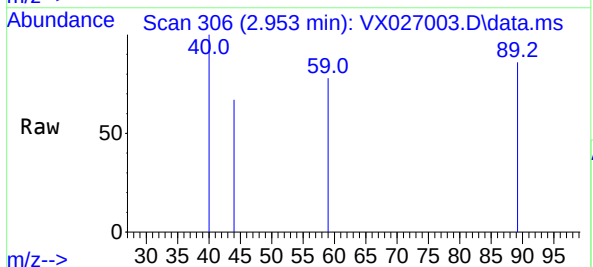
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

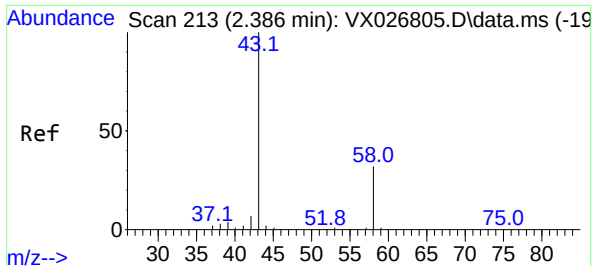
Tgt Ion:168 Resp: 119476
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.814 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

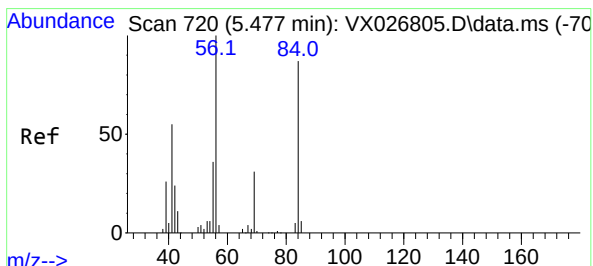
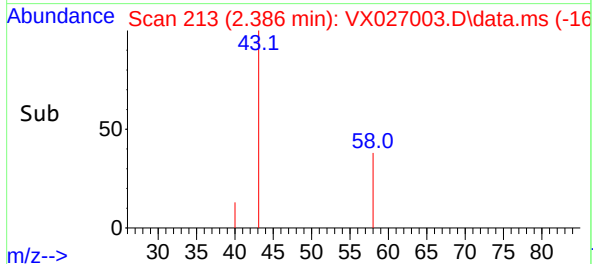
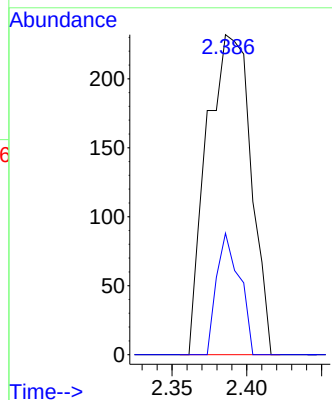
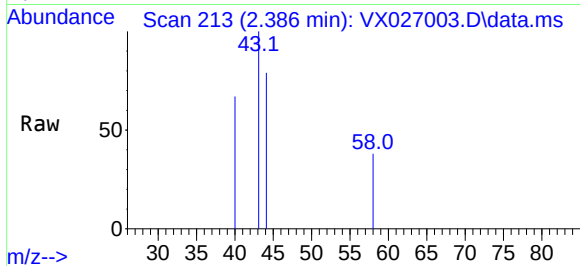




#16
Acetone
Concen: 0.754 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

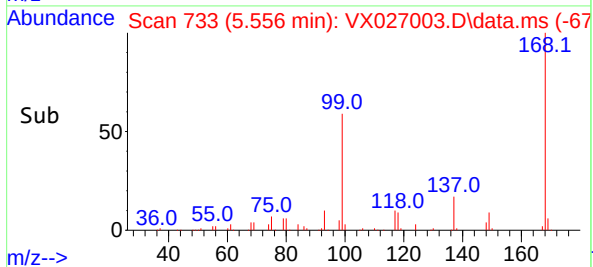
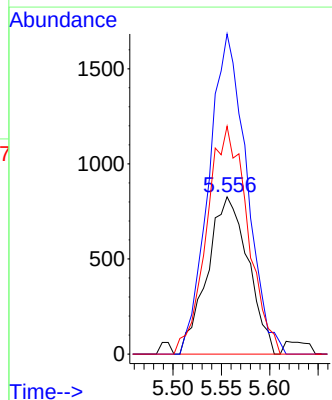
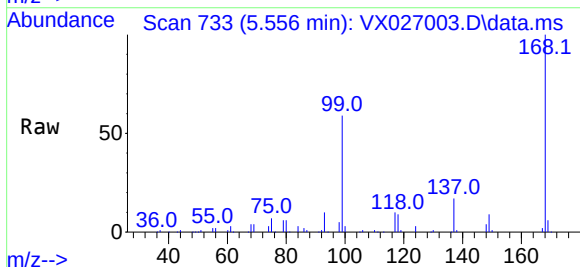
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

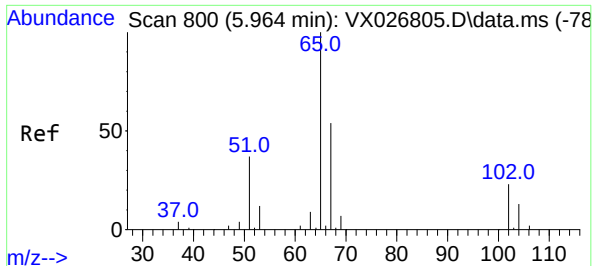
Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
58 37.9 23.0 34.6#



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion: 56 Resp: 2417
Ion Ratio Lower Upper
56 100
69 203.5 25.8 38.6#
84 144.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.366 ug/l

RT: 5.958 min Scan# 791

Delta R.T. -0.006 min

Lab File: VX027003.D

Acq: 12 Feb 2022 05:35

Instrument :

MSVOA_X

ClientSampleId :

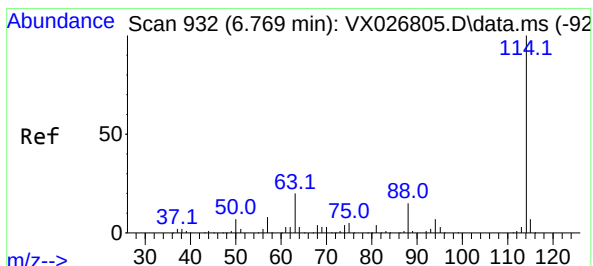
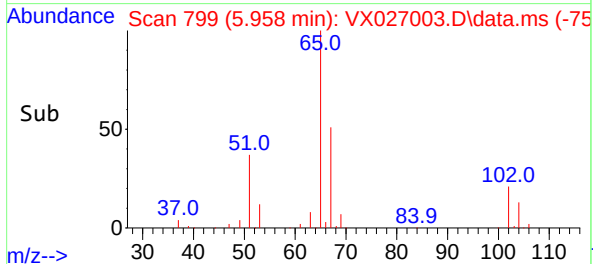
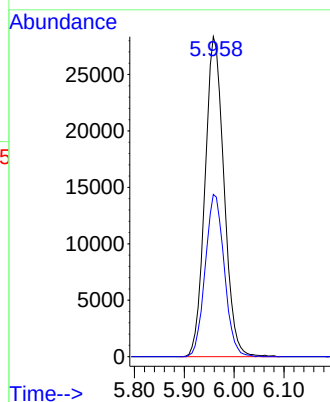
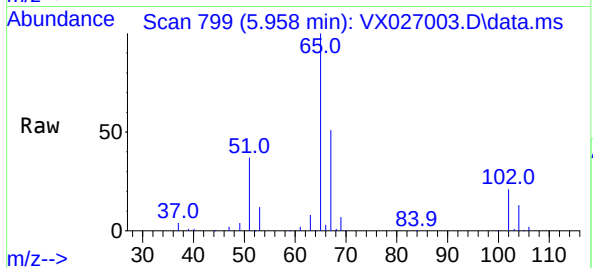
A5-8-8.0

Tgt Ion: 65 Resp: 75103

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027003.D

Acq: 12 Feb 2022 05:35

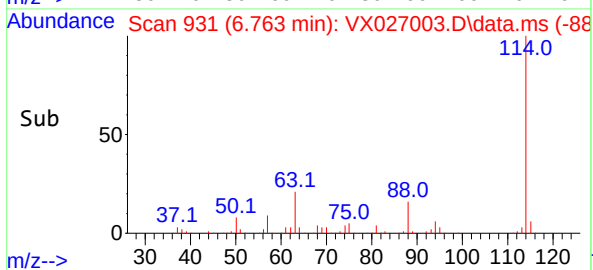
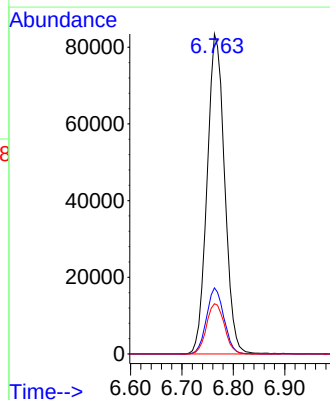
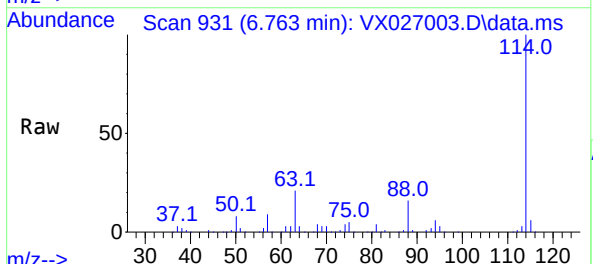
Tgt Ion: 114 Resp: 197186

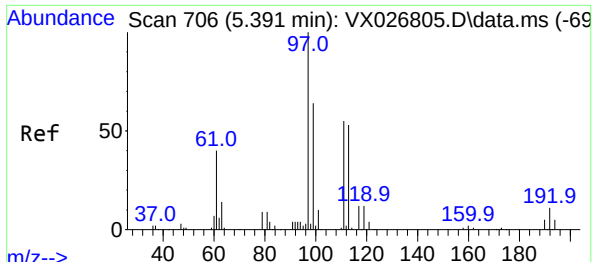
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.7 0.0 33.0

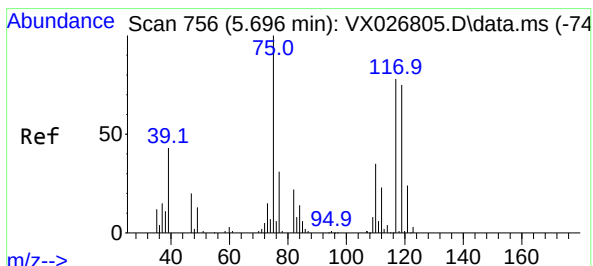
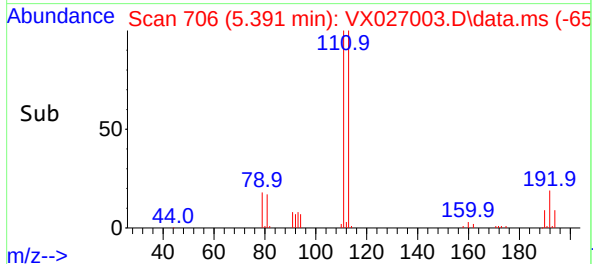
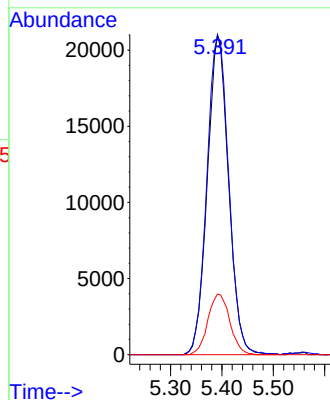
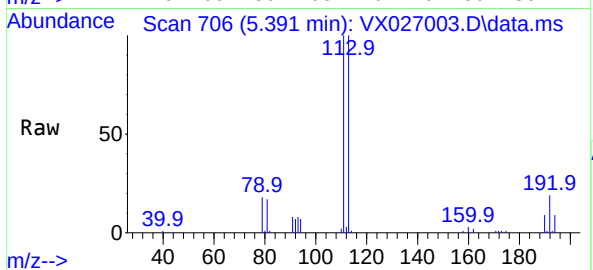




#35
Dibromofluoromethane
Concen: 51.191 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

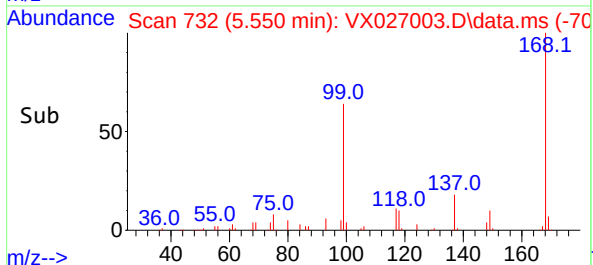
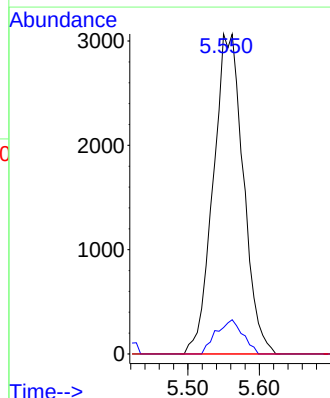
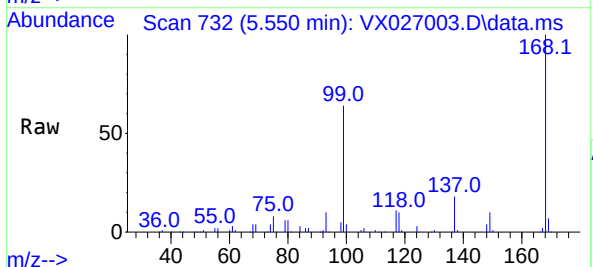
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

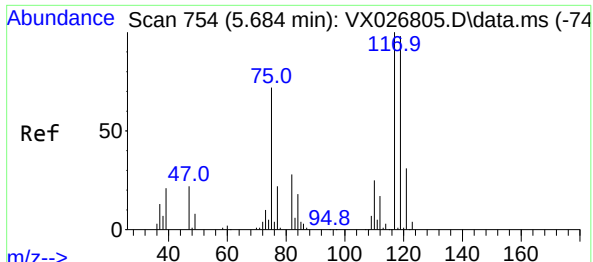
Tgt Ion:	113	Resp:	60139
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	19.6	15.0	22.4



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion:	75	Resp:	8960
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.2	51.6#
77	0.0	24.6	36.8#

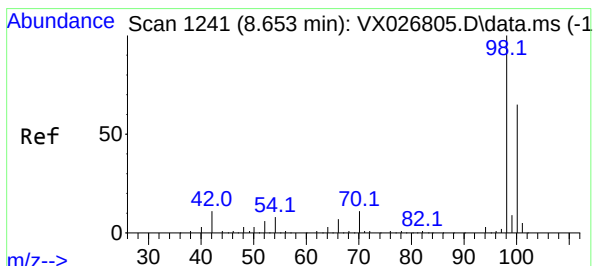
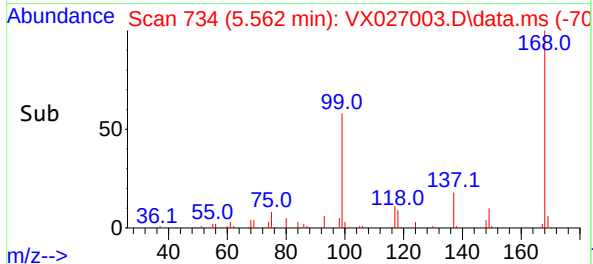
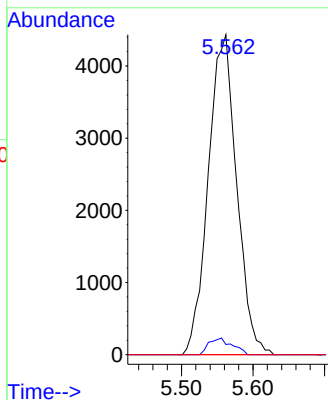
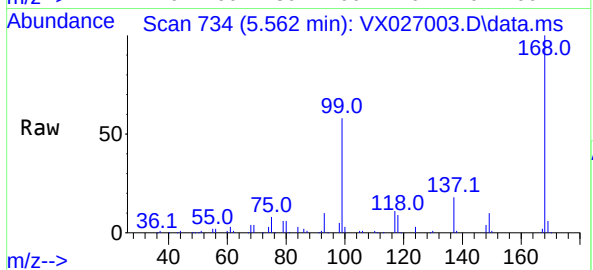




#38
Carbon Tetrachloride
Concen: 6.307 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

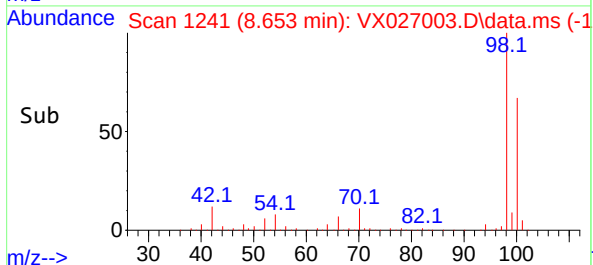
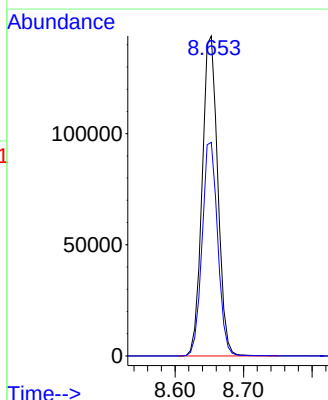
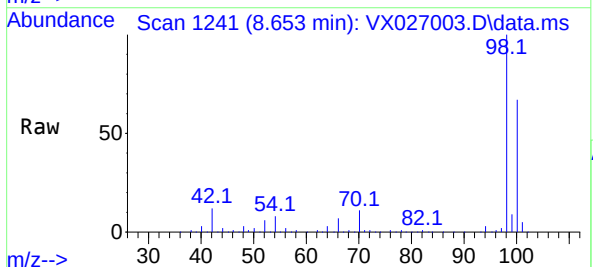
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

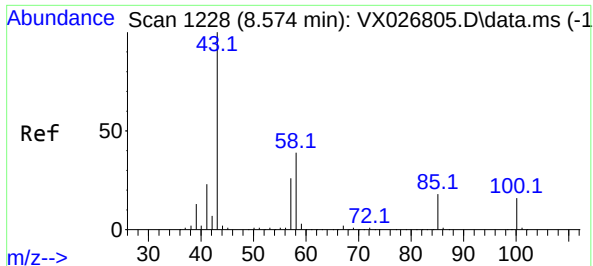
Tgt Ion:117 Resp: 12258
Ion Ratio Lower Upper
117 100
119 3.2 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.920 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion: 98 Resp: 228207
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.497 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027003.D

Acq: 12 Feb 2022 05:35

Instrument :

MSVOA_X

ClientSampleId :

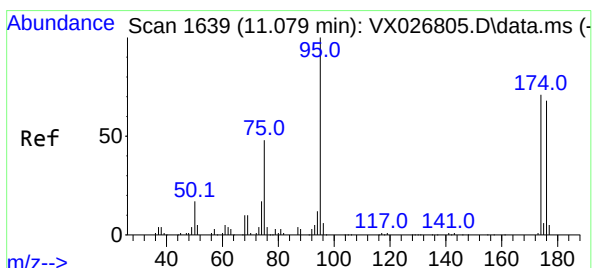
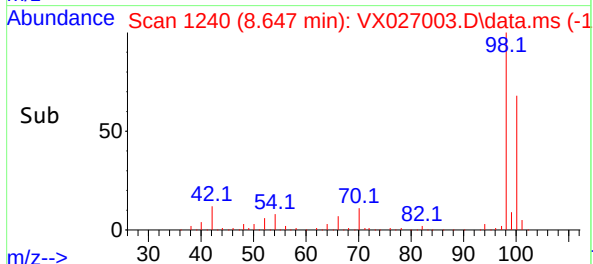
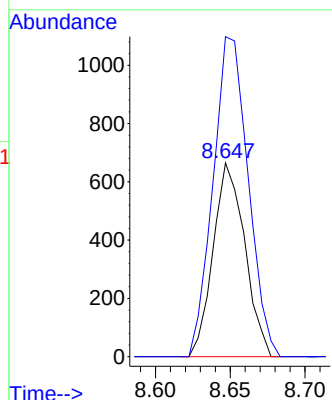
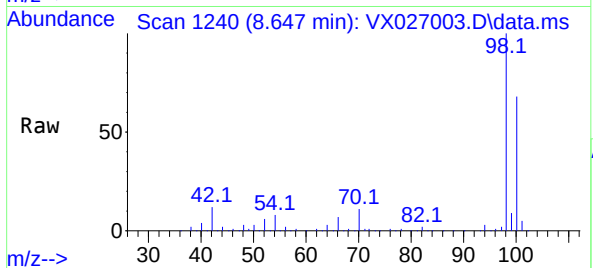
A5-8-8.0

Tgt Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

58 183.5 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 54.382 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027003.D

Acq: 12 Feb 2022 05:35

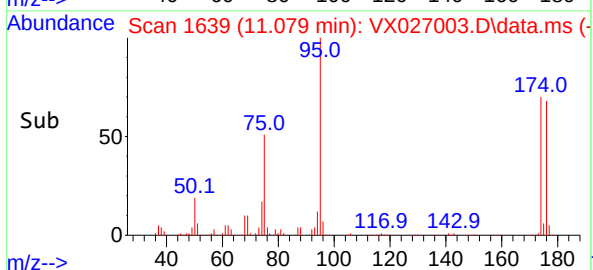
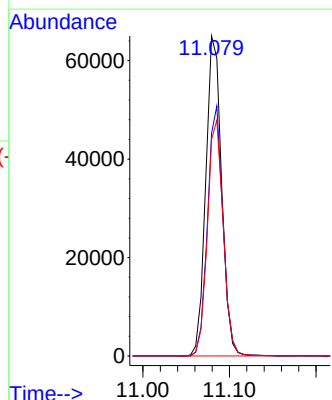
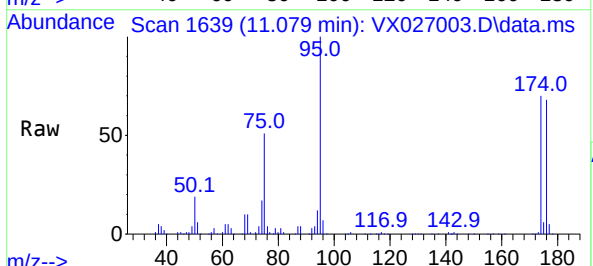
Tgt Ion: 95 Resp: 82564

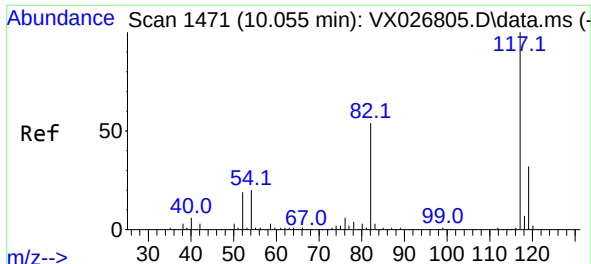
Ion Ratio Lower Upper

95 100

174 76.0 0.0 148.6

176 73.5 0.0 141.4

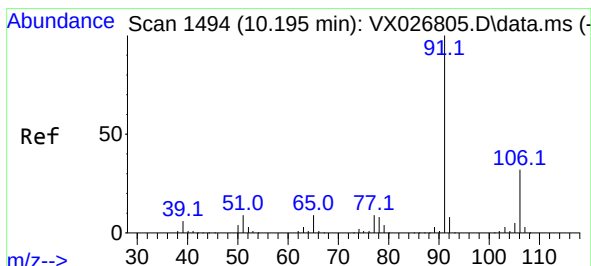
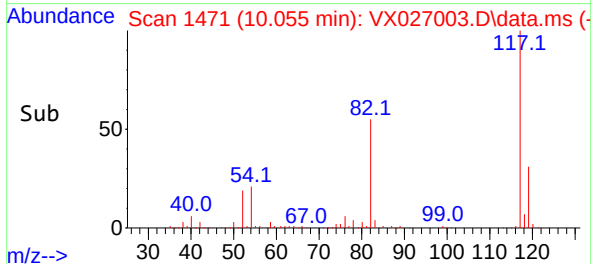
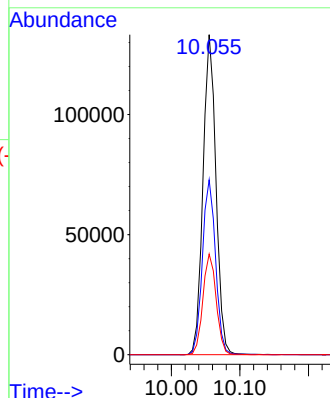
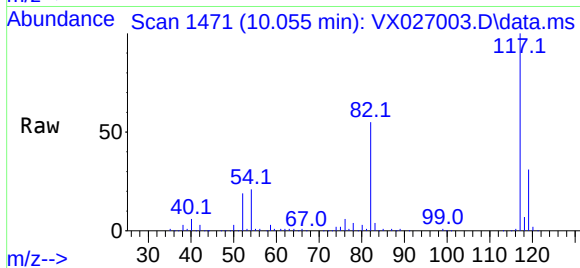




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

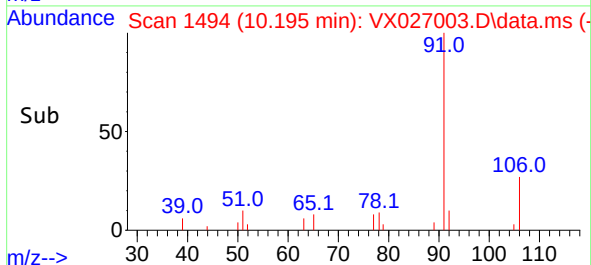
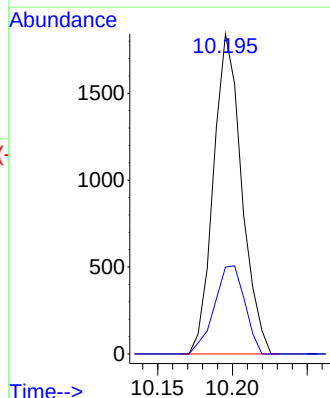
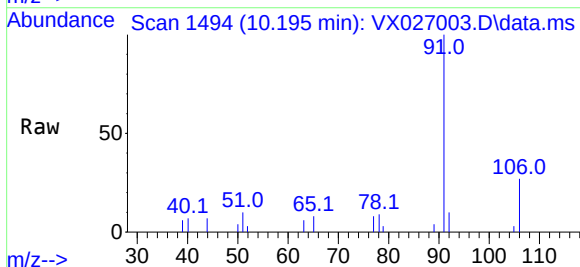
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

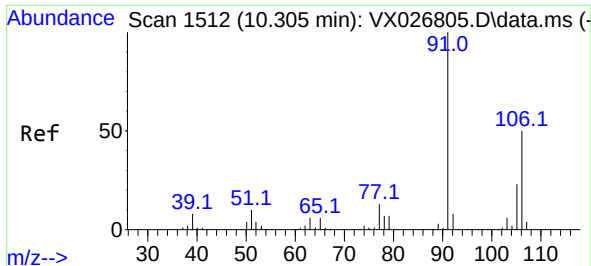
Tgt Ion:117 Resp: 175515
Ion Ratio Lower Upper
117 100
82 54.7 45.2 67.8
119 31.5 26.2 39.2



#67
Ethyl Benzene
Concen: 0.377 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion: 91 Resp: 2420
Ion Ratio Lower Upper
91 100
106 27.2 24.7 37.1

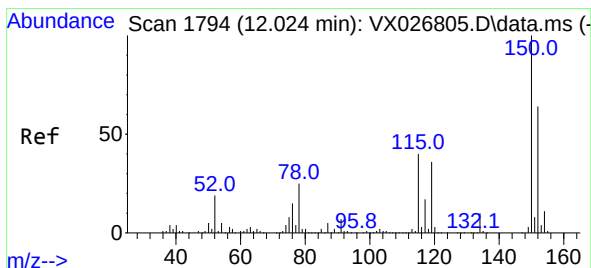
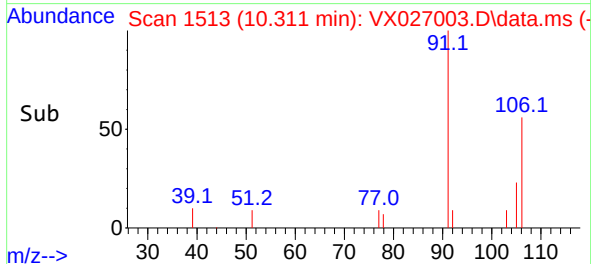
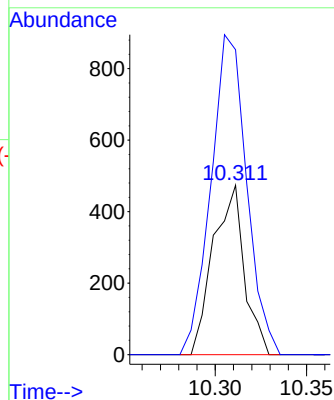
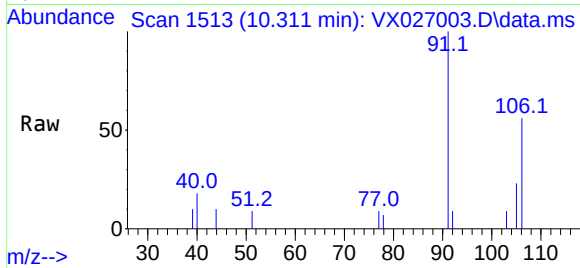




#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

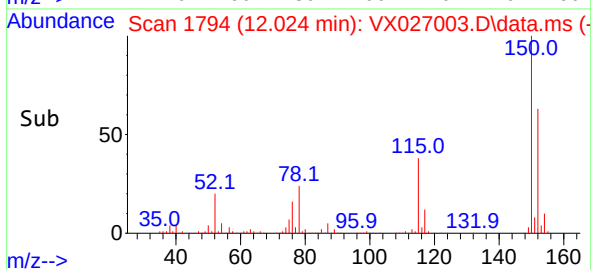
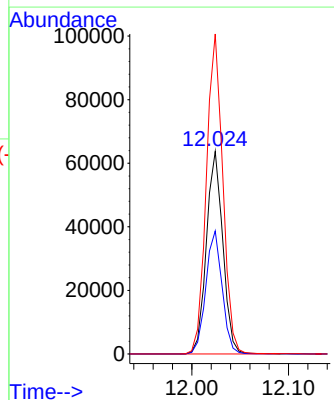
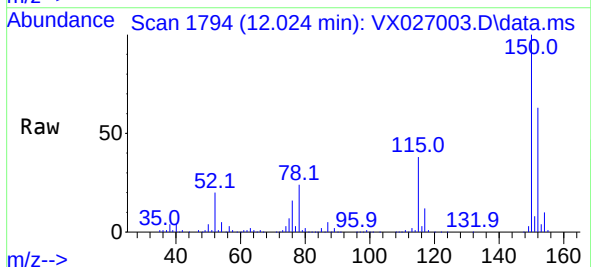
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

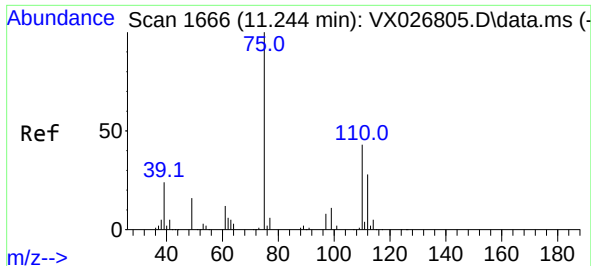
Tgt Ion:106 Resp: 561
Ion Ratio Lower Upper
106 100
91 217.3 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion:152 Resp: 75395
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 158.0 0.0 348.2

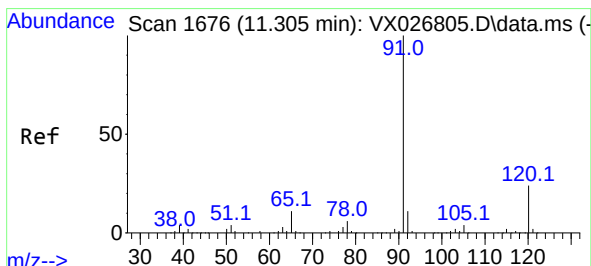
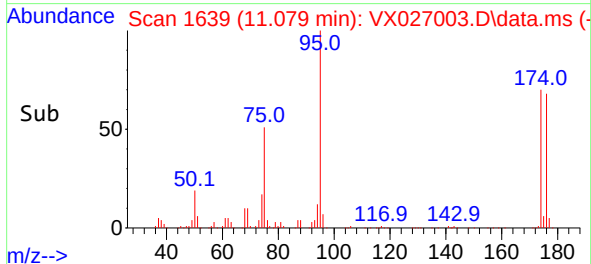
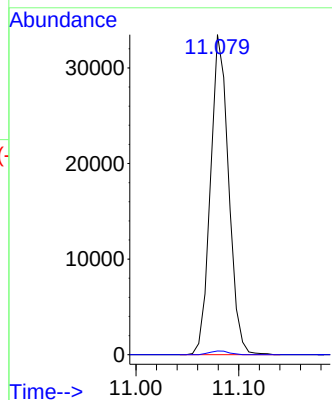
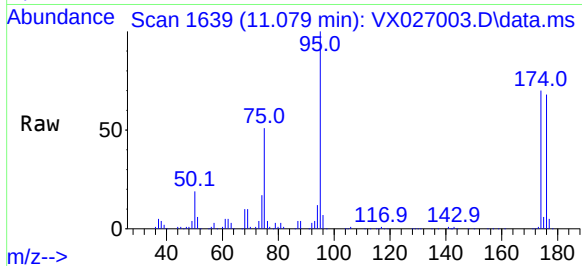




#76
1,2,3-Trichloropropane
Concen: 24.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

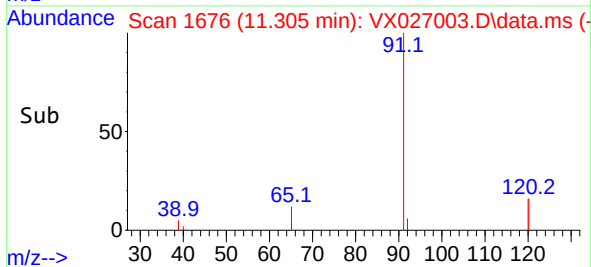
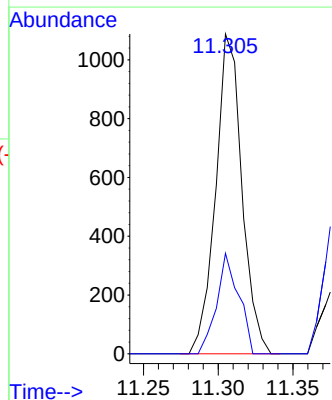
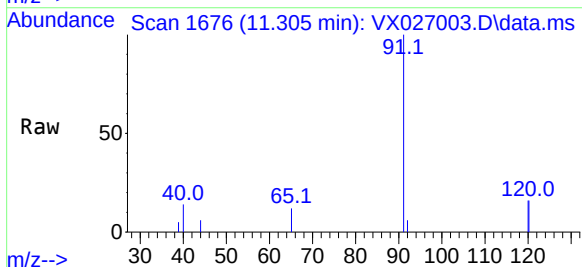
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

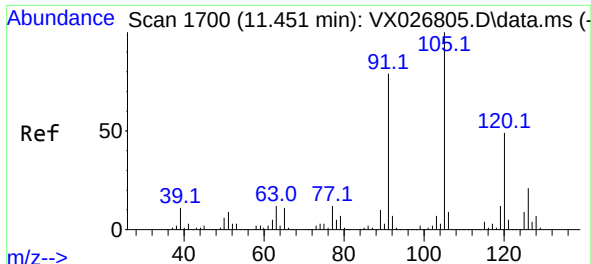
Tgt Ion: 75 Resp: 40987
Ion Ratio Lower Upper
75 100
77 1.3 18.3 54.8#



#78
n-propylbenzene
Concen: 0.202 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion: 91 Resp: 1329
Ion Ratio Lower Upper
91 100
120 26.3 11.6 34.7

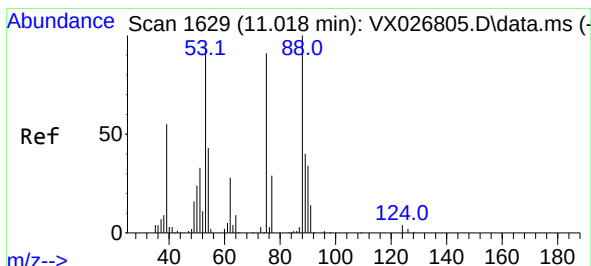
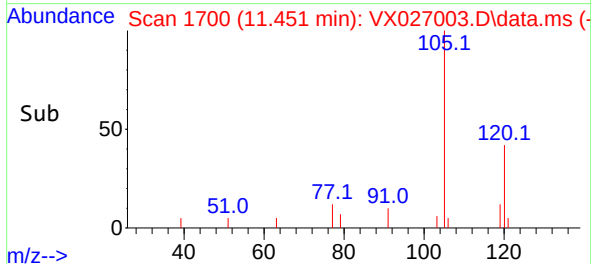
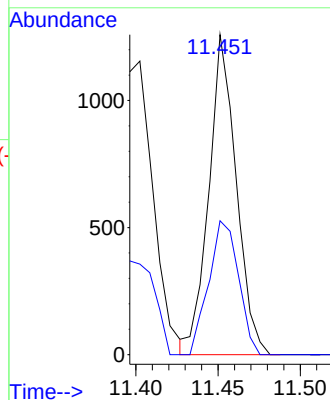
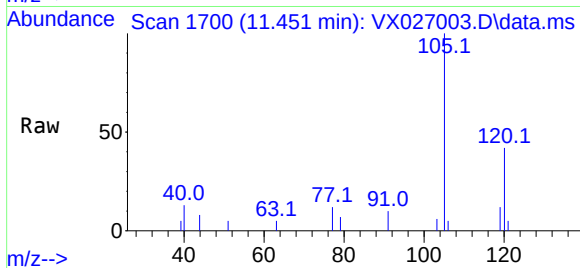




#80
1,3,5-Trimethylbenzene
Concen: 0.299 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

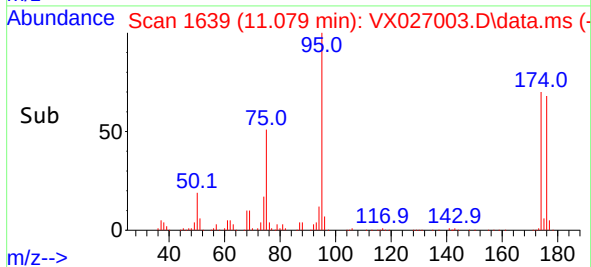
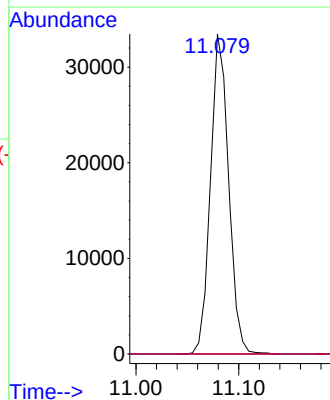
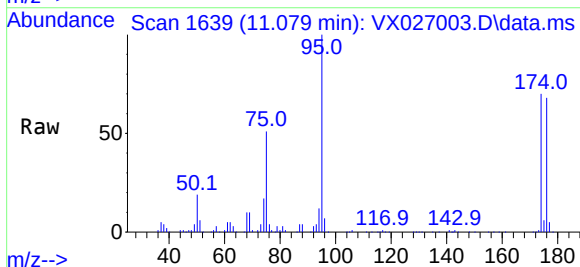
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

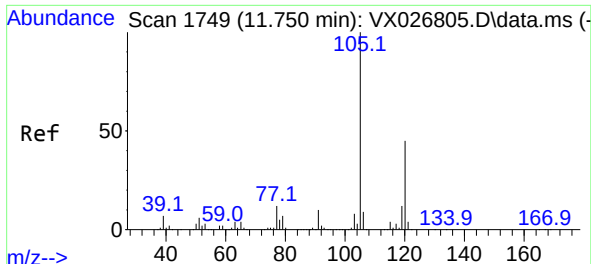
Tgt Ion:105 Resp: 1460
Ion Ratio Lower Upper
105 100
120 45.4 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Tgt Ion: 75 Resp: 40987
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

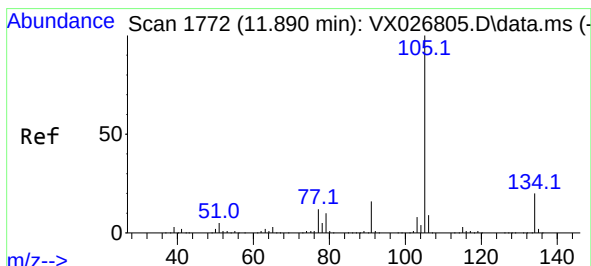
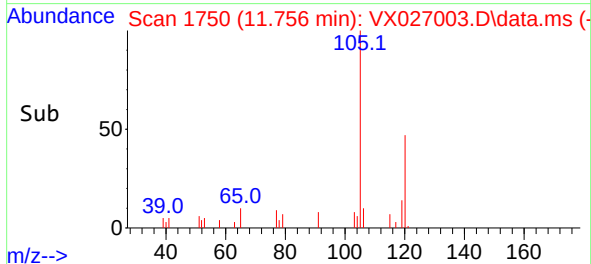
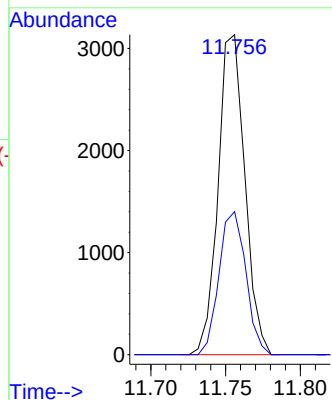
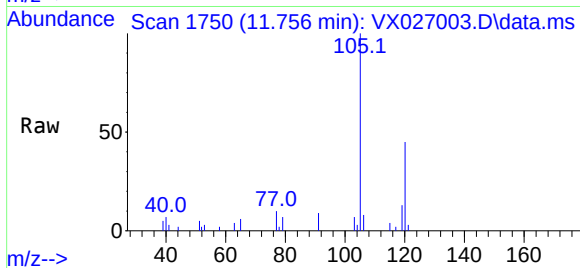




#84
1,2,4-Trimethylbenzene
Concen: 0.791 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

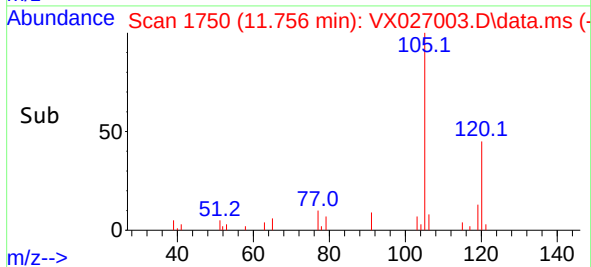
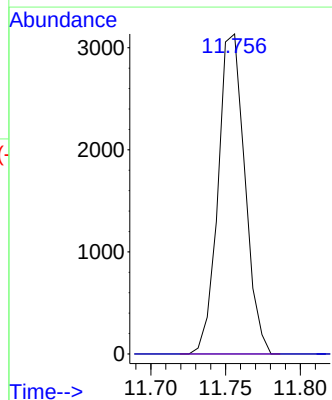
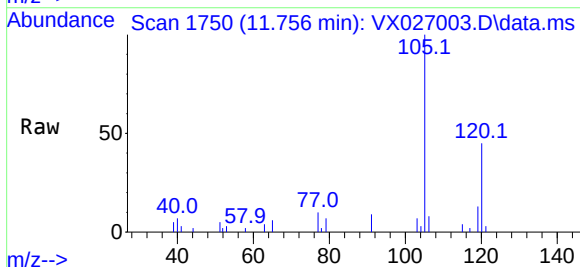
Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0

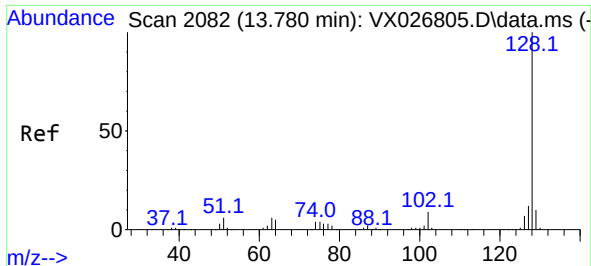
Tgt Ion:105 Resp: 3902
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.661 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

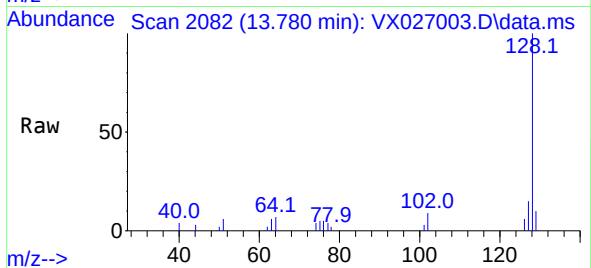
Tgt Ion:105 Resp: 3902
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#95
Naphthalene
Concen: 0.638 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027003.D
Acq: 12 Feb 2022 05:35

Instrument :
MSVOA_X
ClientSampleId :
A5-8-8.0



Tgt Ion:128 Resp: 3519

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	10.3	8.7	13.1

