

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028800.D
 Acq On : 18 May 2022 12:59
 Operator : JC/MD
 Sample : N2884-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31767DL

Quant Time: May 19 01:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

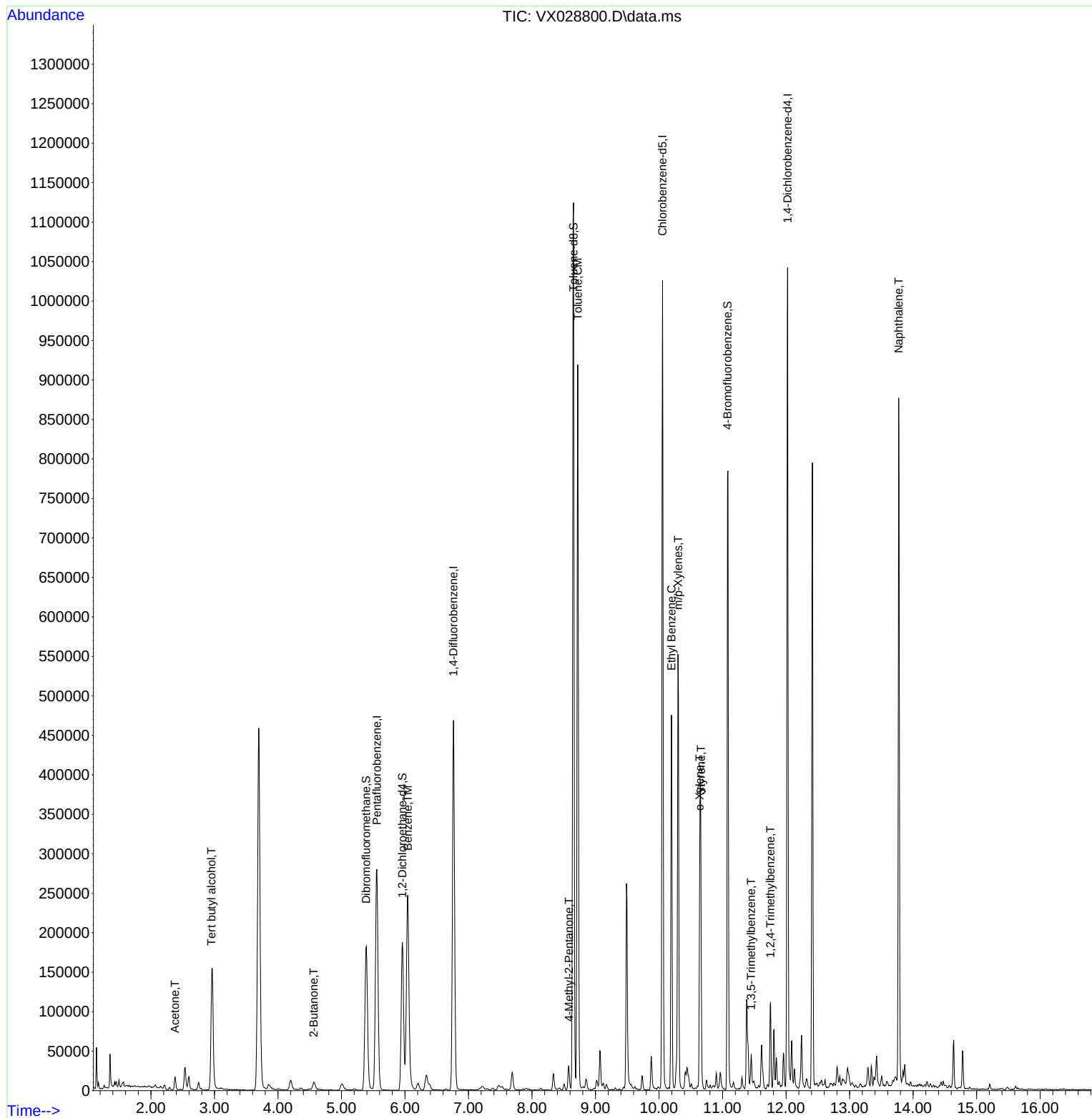
Internal Standards						
1) Pentafluorobenzene	5.556	168	261065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180109	50.330	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.660%	
35) Dibromofluoromethane	5.385	113	156747	50.967	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.940%	
50) Toluene-d8	8.653	98	663434	57.217	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 114.440%	
62) 4-Bromofluorobenzene	11.079	95	210761	48.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	70851	88.126	ug/l	98
16) Acetone	2.380	43	17614	11.469	ug/l	95
25) 2-Butanone	4.562	43	8566	3.553	ug/l	96
40) Benzene	6.044	78	293523	22.110	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	17626	3.545	ug/l	92
52) Toluene	8.720	92	336094	39.356	ug/l	100
67) Ethyl Benzene	10.195	91	262904	15.718	ug/l	98
68) m/p-Xylenes	10.299	106	126064	19.359	ug/l	99
69) o-Xylene	10.640	106	58028	9.051	ug/l	98
70) Styrene	10.659	104	107370	10.312	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	17623	1.353	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	48022	3.675	ug/l	95
95) Naphthalene	13.774	128	509333	34.762	ug/l	100

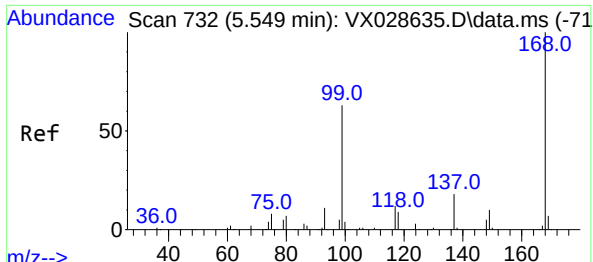
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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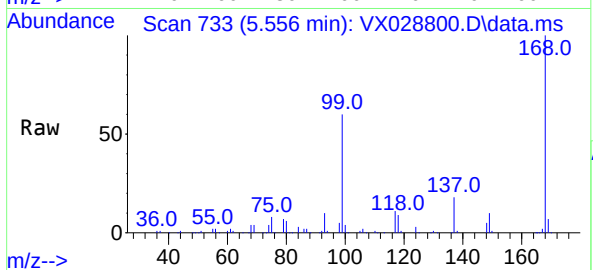
Quant Time: May 19 01:33:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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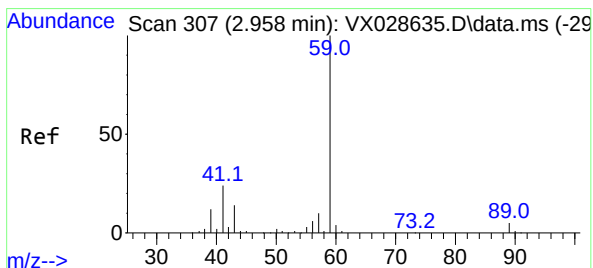
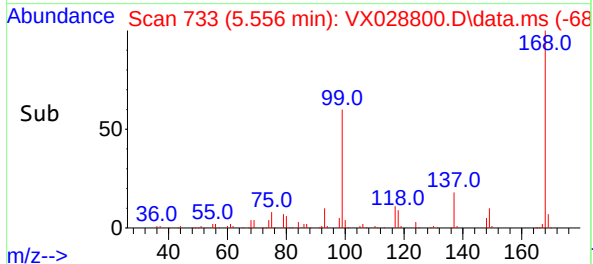
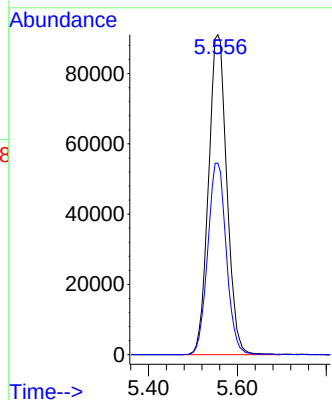


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
31767DL

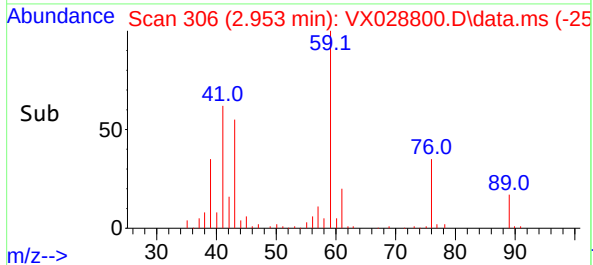
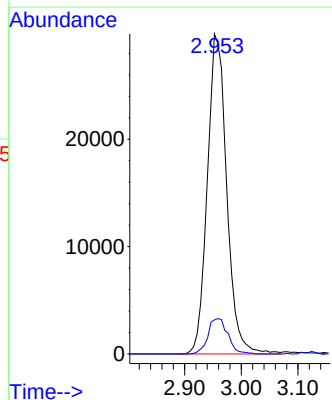
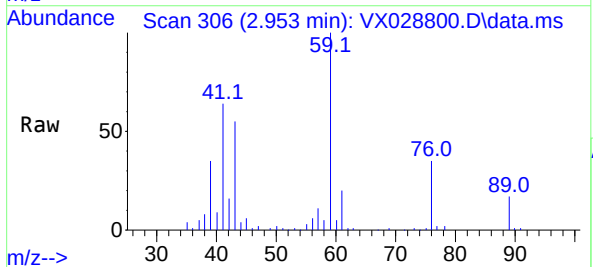


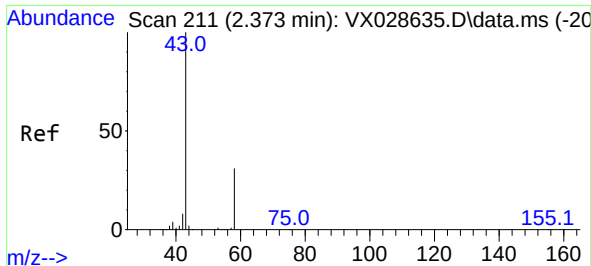
Tgt Ion:168 Resp: 261065
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#11
Tert butyl alcohol
Concen: 88.126 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Tgt Ion: 59 Resp: 70851
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

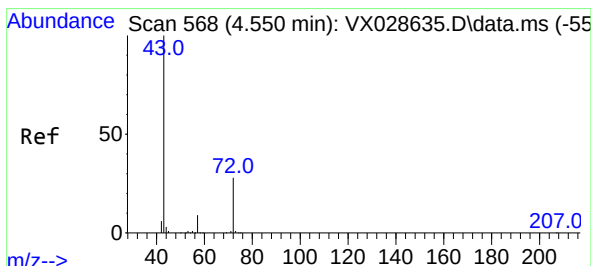
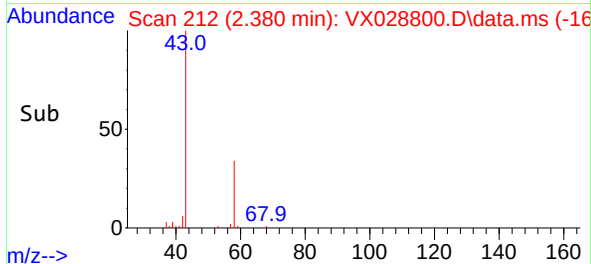
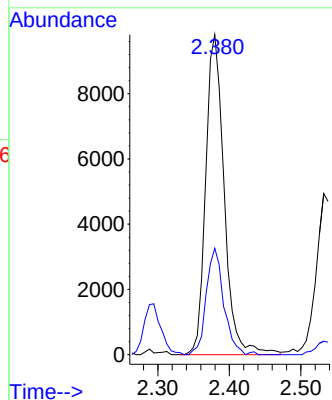
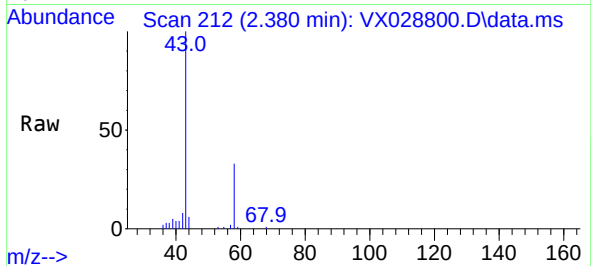




#16
Acetone
Concen: 11.469 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

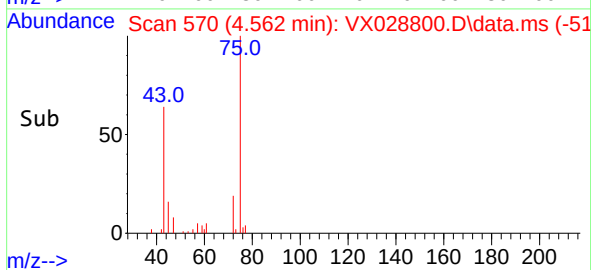
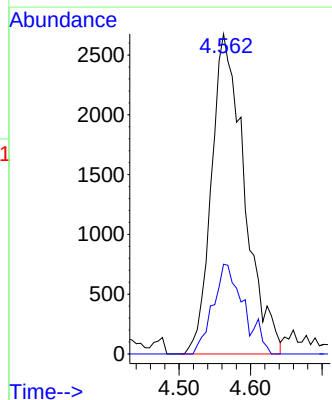
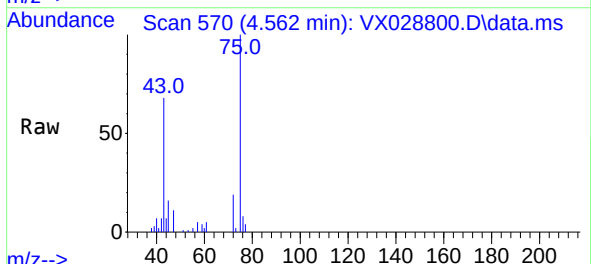
Instrument :
MSVOA_X
ClientSampleId :
31767DL

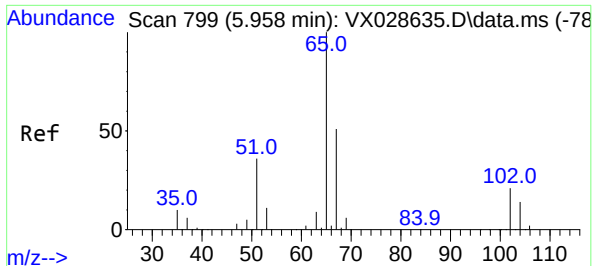
Tgt Ion: 43 Resp: 17614
Ion Ratio Lower Upper
43 100
58 33.2 28.8 43.2



#25
2-Butanone
Concen: 3.553 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Tgt Ion: 43 Resp: 8566
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 50.330 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

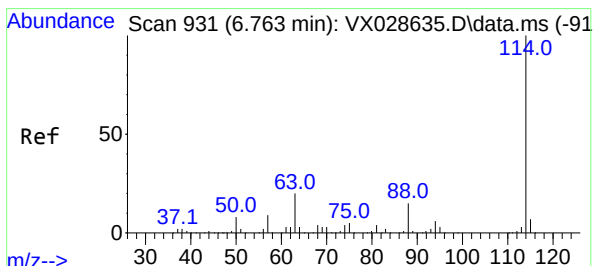
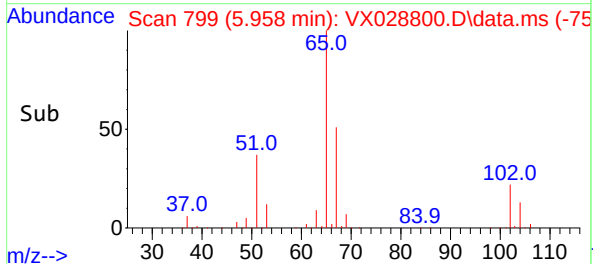
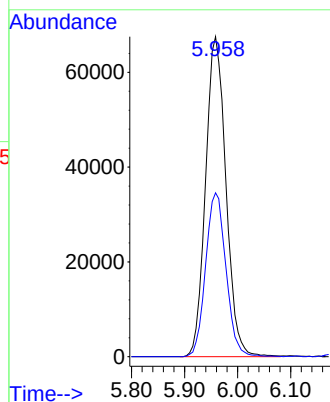
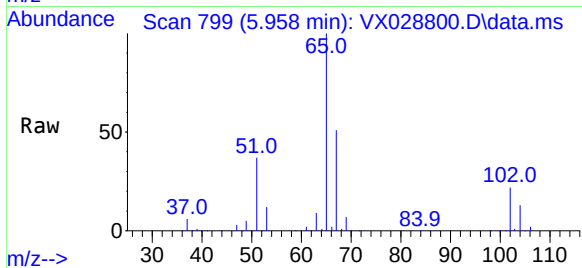
31767DL

Tgt Ion: 65 Resp: 180109

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

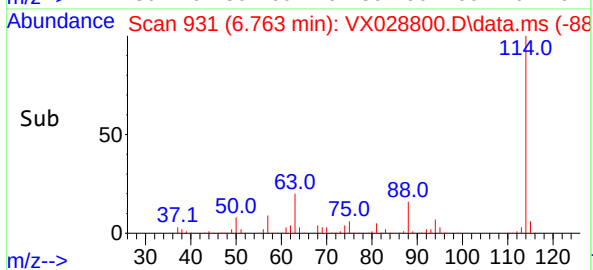
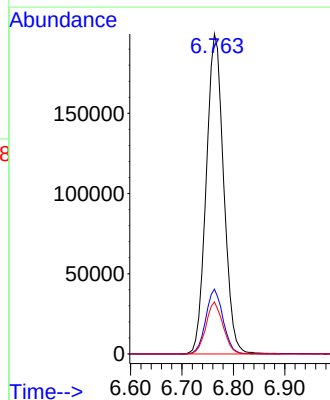
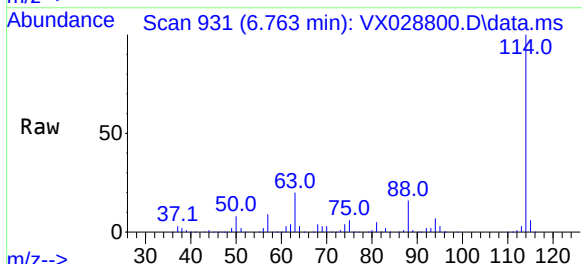
Tgt Ion: 114 Resp: 469399

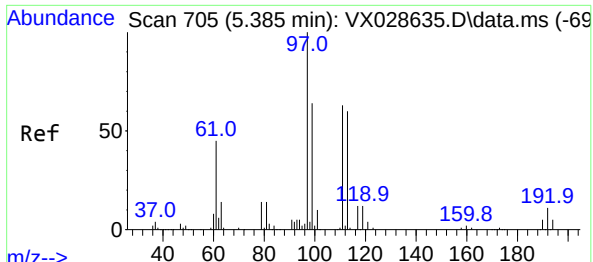
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 16.3 0.0 32.4



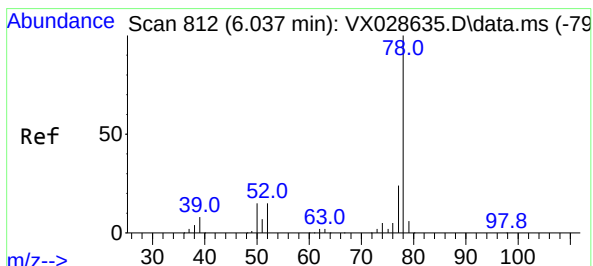
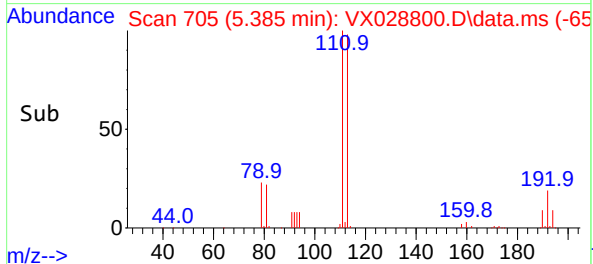
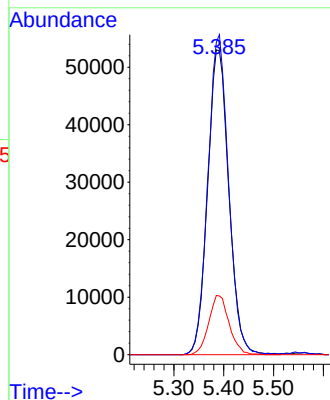
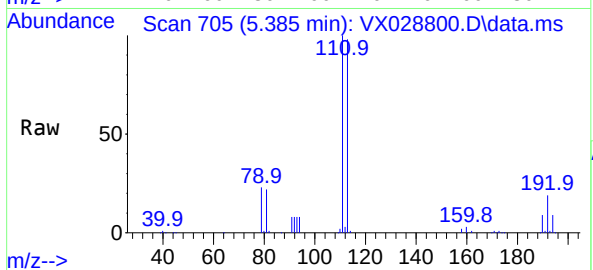


#35
 Dibromofluoromethane
 Concen: 50.967 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX028800.D
 Acq: 18 May 2022 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 31767DL

Tgt Ion:113 Resp: 156747

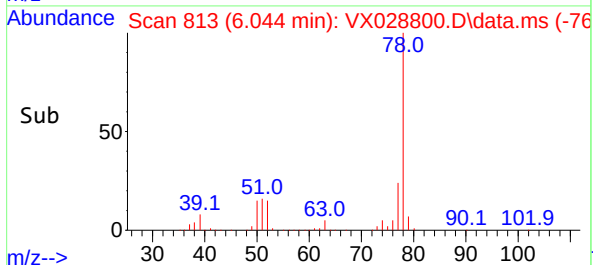
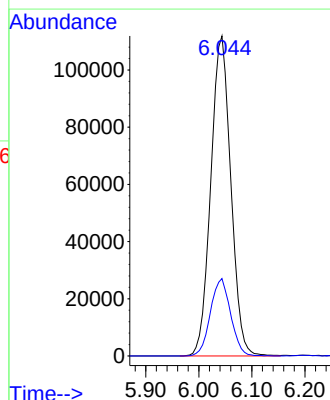
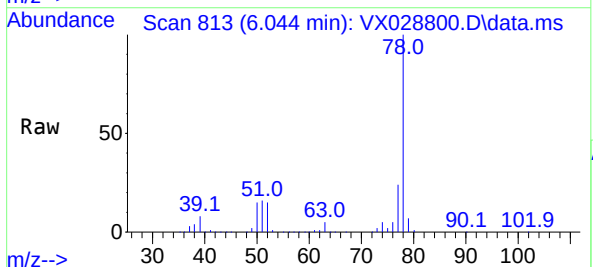
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	18.7	16.9	25.3

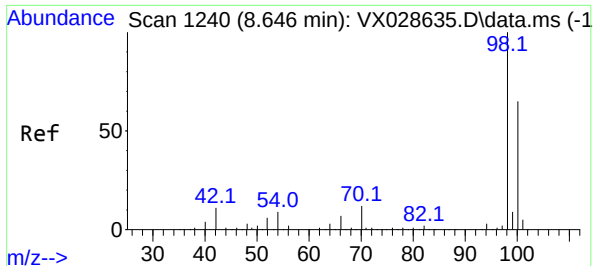


#40
 Benzene
 Concen: 22.110 ug/l
 RT: 6.044 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VX028800.D
 Acq: 18 May 2022 12:59

Tgt Ion: 78 Resp: 293523

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9

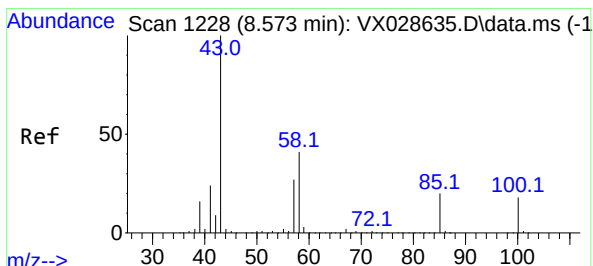
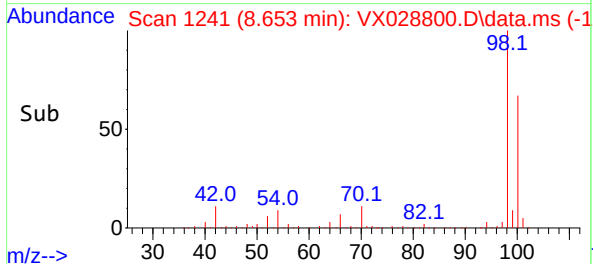
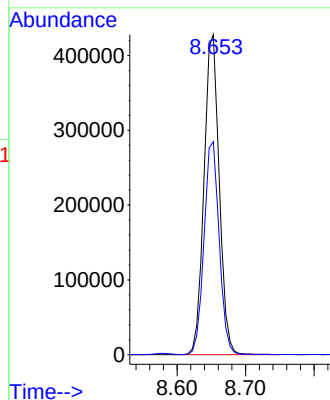
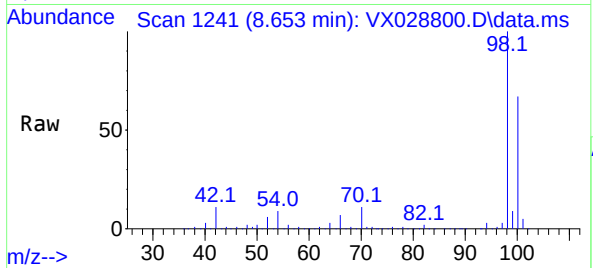




#50
Toluene-d8
Concen: 57.217 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

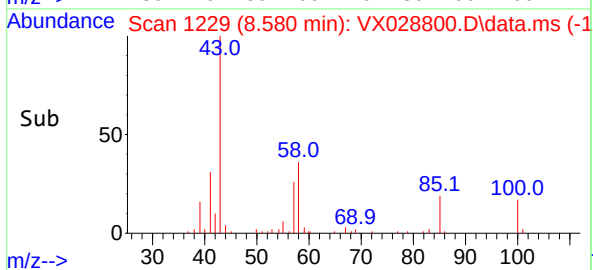
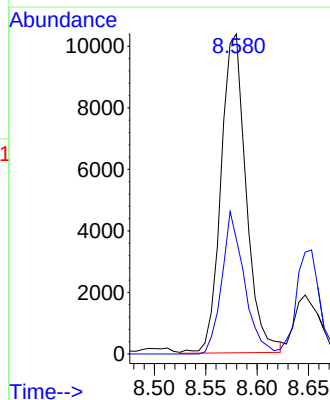
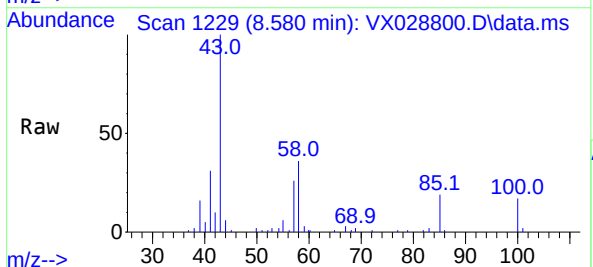
Instrument :
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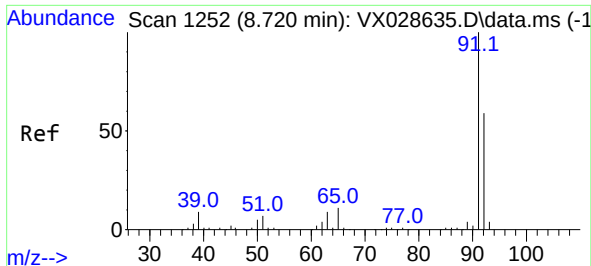
Tgt Ion: 98 Resp: 663434
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 3.545 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Tgt Ion: 43 Resp: 17626
Ion Ratio Lower Upper
43 100
58 39.7 36.1 54.1

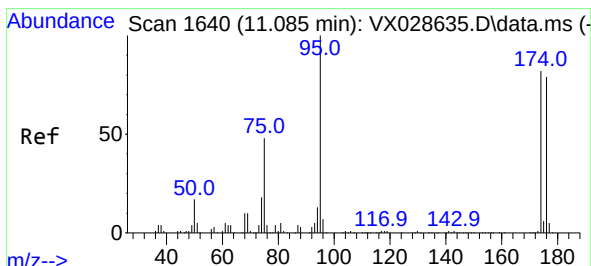
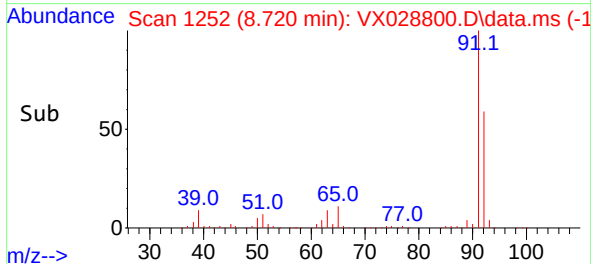
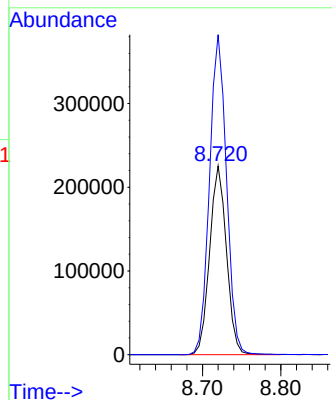
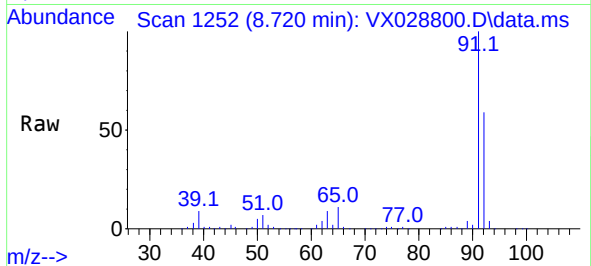




#52
Toluene
Concen: 39.356 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

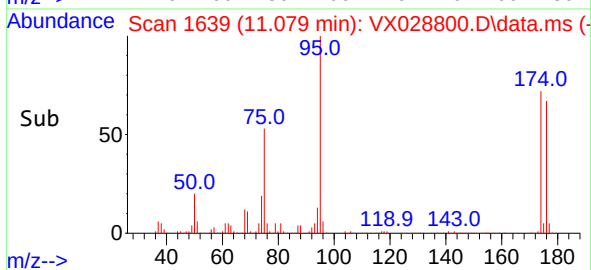
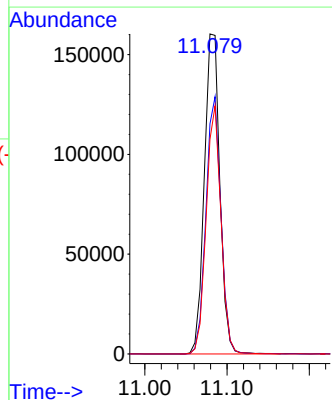
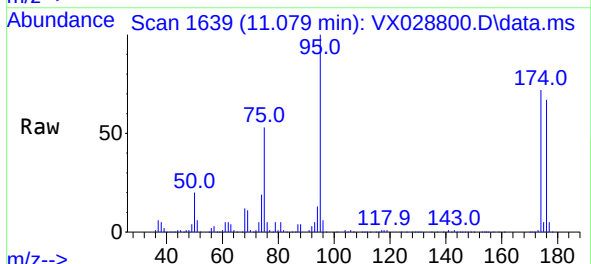
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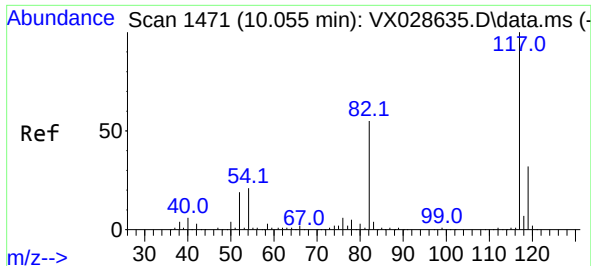
Tgt Ion: 92 Resp: 336094
Ion Ratio Lower Upper
92 100
91 171.3 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Tgt Ion: 95 Resp: 210761
Ion Ratio Lower Upper
95 100
174 77.6 0.0 163.0
176 73.8 0.0 155.0

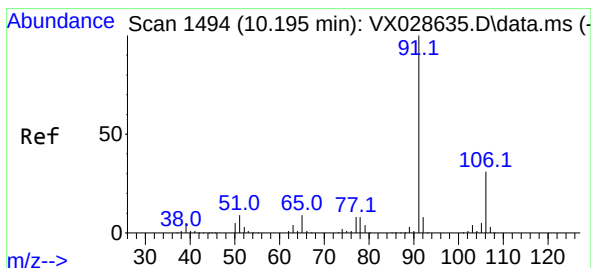
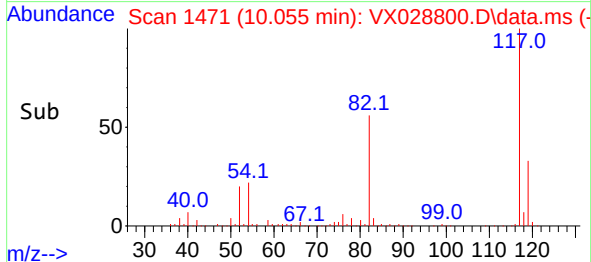
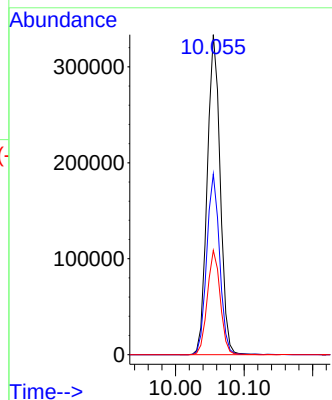
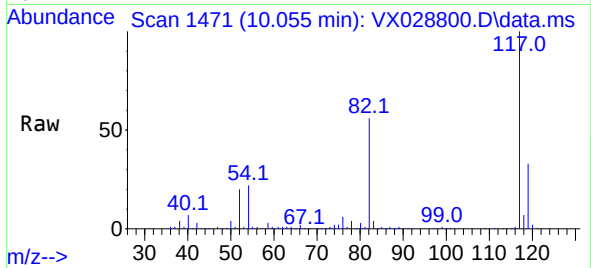




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

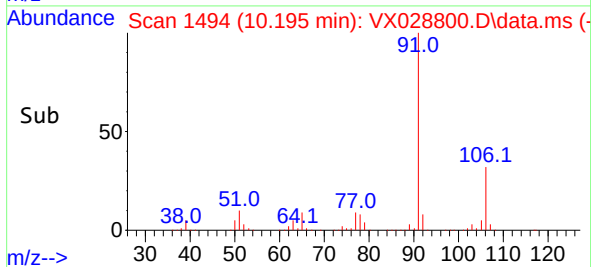
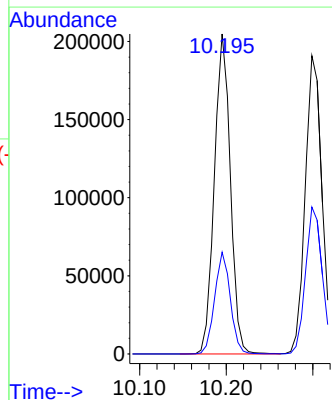
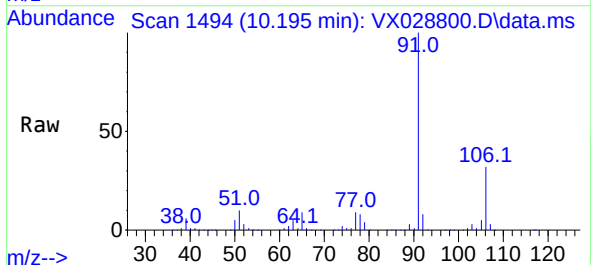
Instrument :
MSVOA_X
ClientSampleId :
31767DL

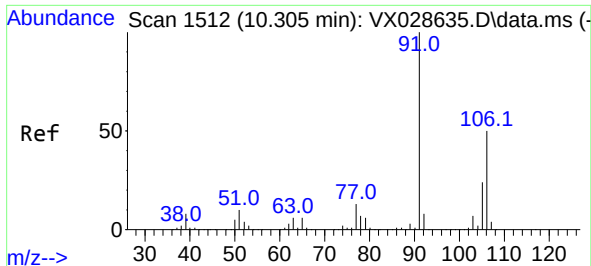
Tgt Ion:117 Resp: 439883
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 15.718 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Tgt Ion: 91 Resp: 262904
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

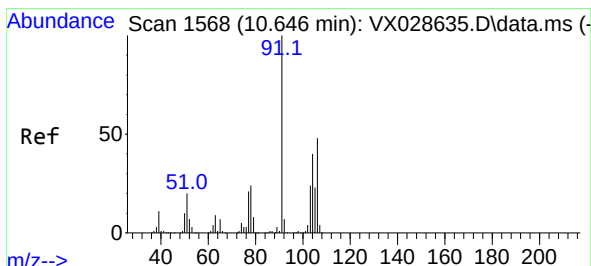
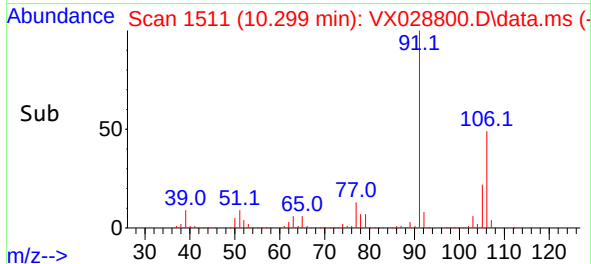
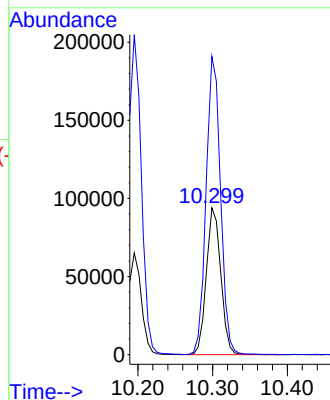
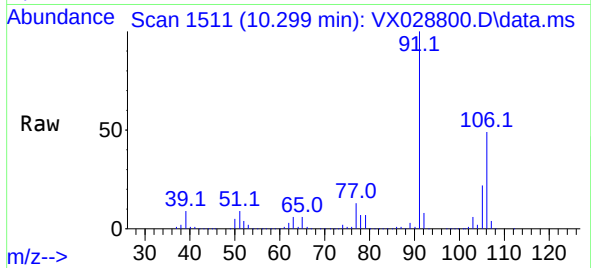




#68
m/p-Xylenes
Concen: 19.359 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

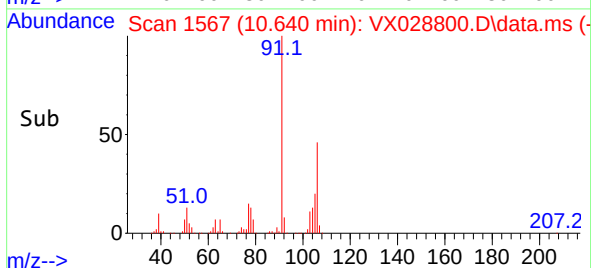
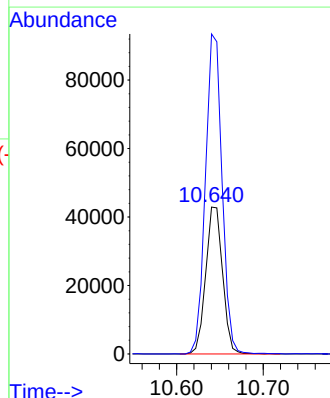
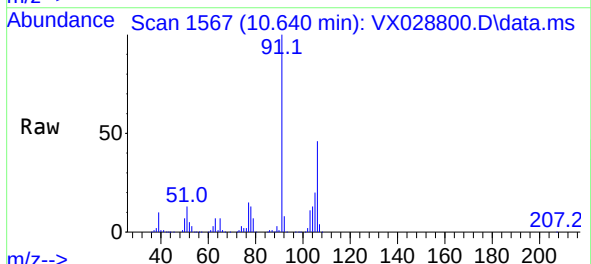
Instrument :
MSVOA_X
ClientSampleId :
31767DL

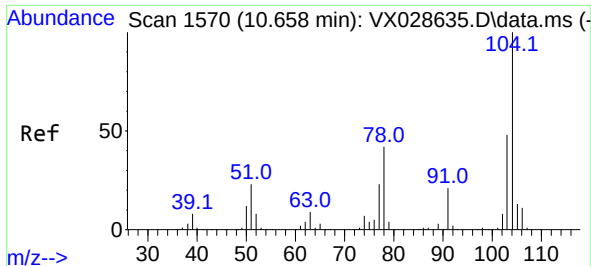
Tgt Ion:106 Resp: 126064
Ion Ratio Lower Upper
106 100
91 202.7 160.4 240.6



#69
o-Xylene
Concen: 9.051 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Tgt Ion:106 Resp: 58028
Ion Ratio Lower Upper
106 100
91 214.8 106.1 318.1

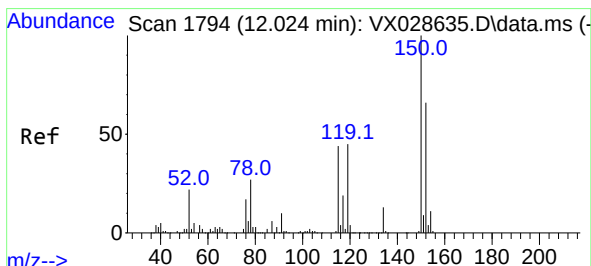
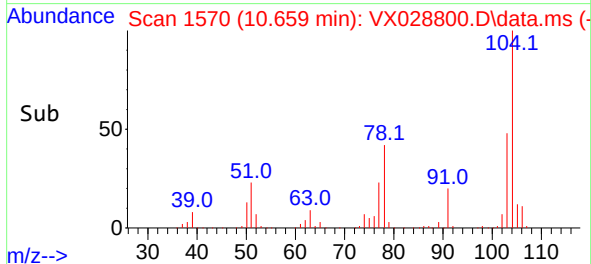
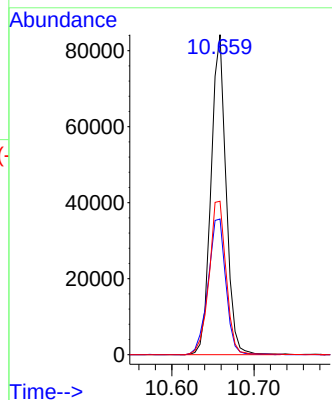
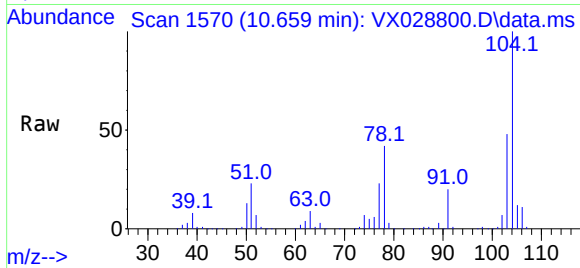




#70
Styrene
Concen: 10.312 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

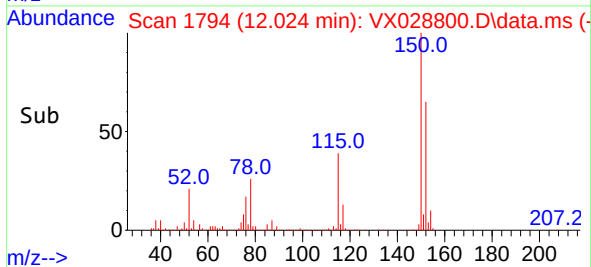
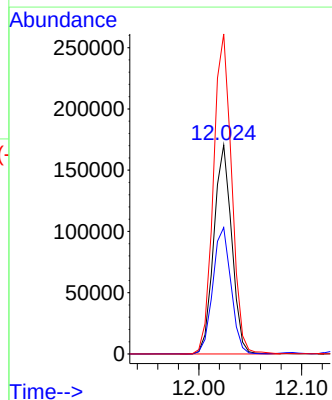
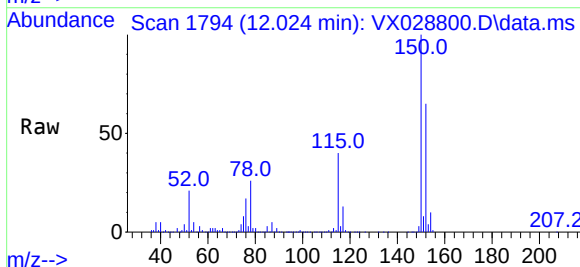
Instrument :
MSVOA_X
ClientSampleId :
31767DL

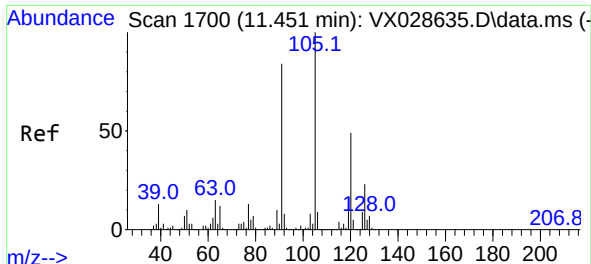
Tgt Ion:104 Resp: 107370
Ion Ratio Lower Upper
104 100
78 50.1 38.6 57.8
103 54.2 43.8 65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Tgt Ion:152 Resp: 206193
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 156.4 0.0 338.2

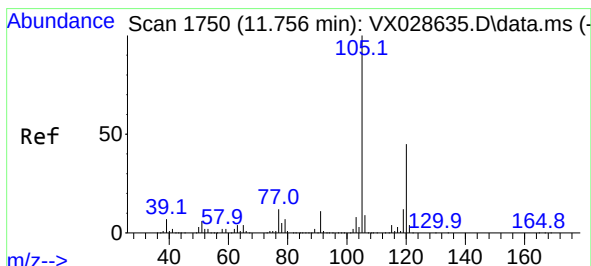
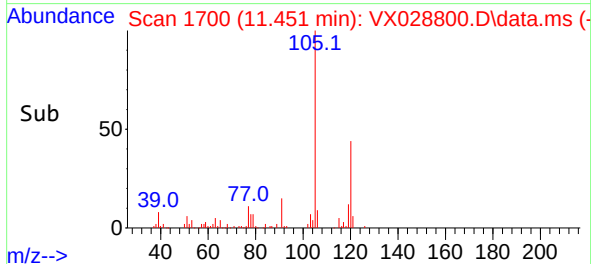
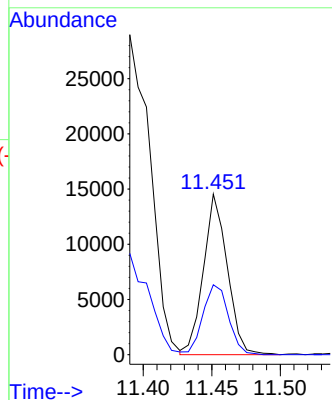
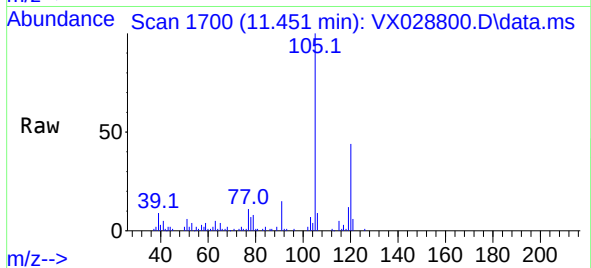




#80
1,3,5-Trimethylbenzene
Concen: 1.353 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

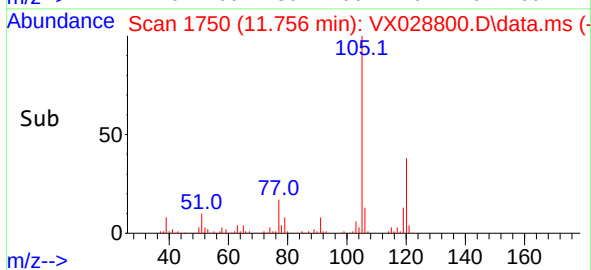
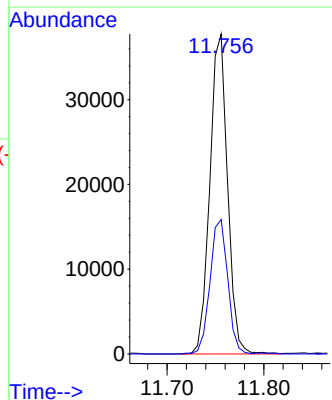
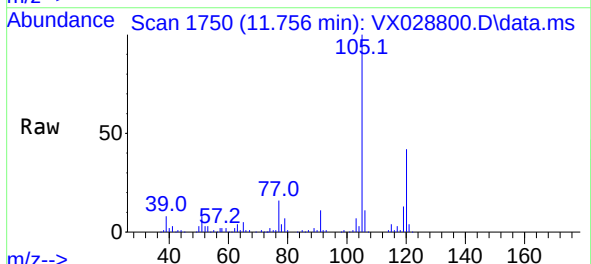
Instrument :
MSVOA_X
ClientSampleId :
31767DL

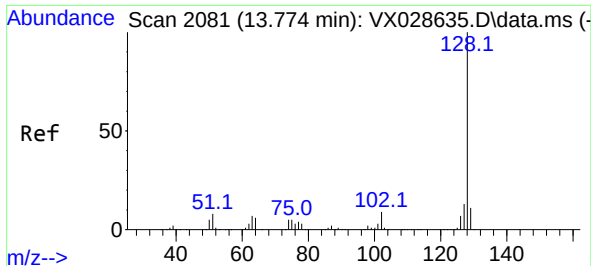
Tgt Ion:105 Resp: 17623
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 3.675 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

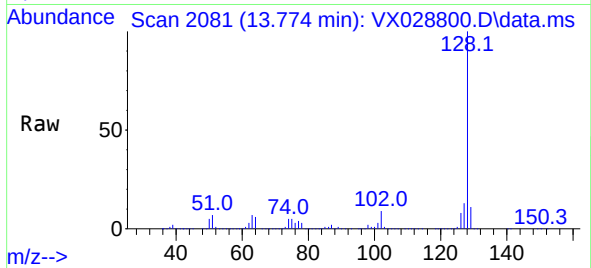
Tgt Ion:105 Resp: 48022
Ion Ratio Lower Upper
105 100
120 42.1 22.6 67.8





#95
Naphthalene
Concen: 34.762 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028800.D
Acq: 18 May 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
31767DL



Tgt Ion:128 Resp: 509333
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1

