

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028802.D
 Acq On : 18 May 2022 13:45
 Operator : JC/MD
 Sample : N2884-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31768DL

Quant Time: May 19 01:33:47 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)

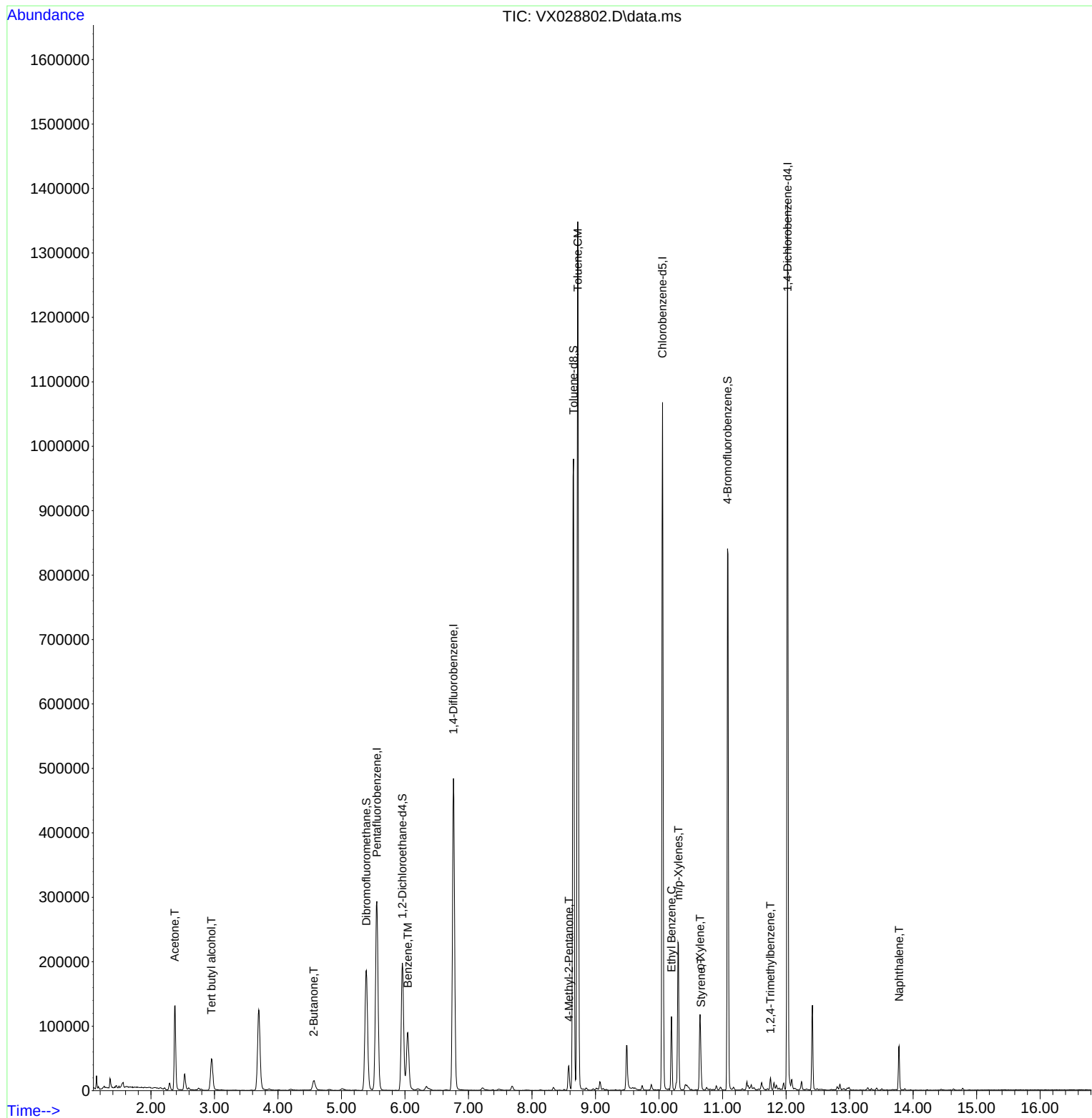
Internal Standards						
1) Pentafluorobenzene	5.556	168	271242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	494466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	472443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189083	50.855	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.700%	
35) Dibromofluoromethane	5.391	113	162089	50.033	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.060%	
50) Toluene-d8	8.653	98	594869	48.703	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	11.079	95	224891	49.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	35386	38.082	ug/l	96
16) Acetone	2.373	43	139590	87.478	ug/l	91
25) 2-Butanone	4.562	43	18993	7.583	ug/l	93
40) Benzene	6.043	78	108126	7.732	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	23260	4.441	ug/l	91
52) Toluene	8.720	92	493784	54.890	ug/l	100
67) Ethyl Benzene	10.195	91	63445	3.532	ug/l	98
68) m/p-Xylenes	10.305	106	54730	7.825	ug/l	99
69) o-Xylene	10.646	106	23349	3.391	ug/l	100
70) Styrene	10.659	104	16065	1.437	ug/l #	87
84) 1,2,4-Trimethylbenzene	11.756	105	8049	0.480	ug/l	100
95) Naphthalene	13.780	128	40783	2.168	ug/l	99

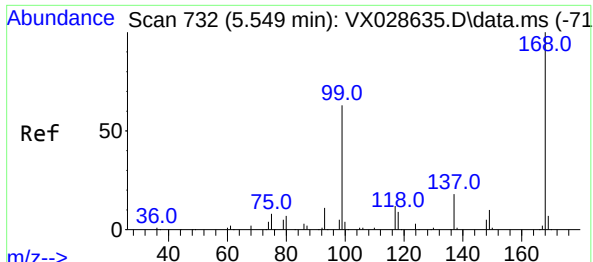
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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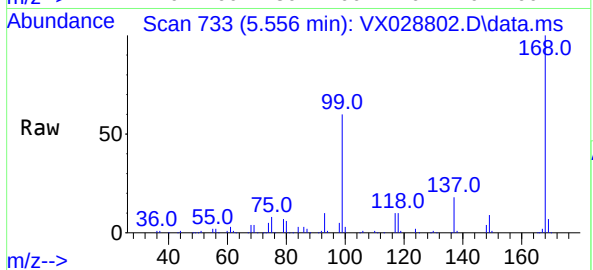
Quant Time: May 19 01:33:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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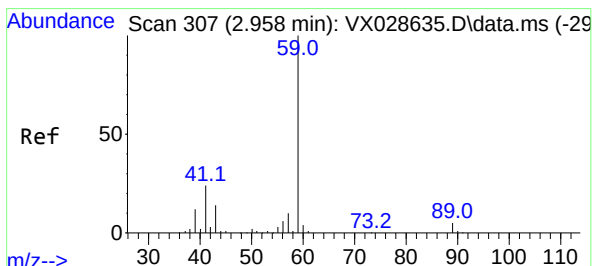
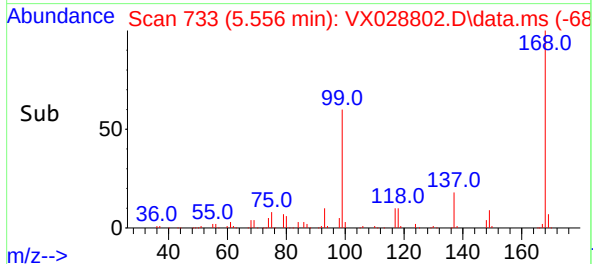
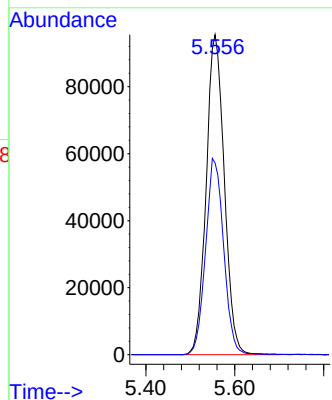


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
31768DL

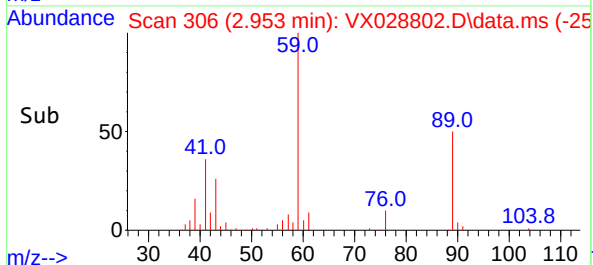
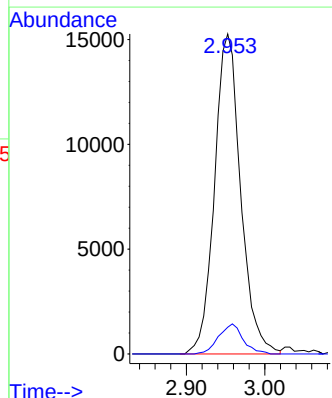
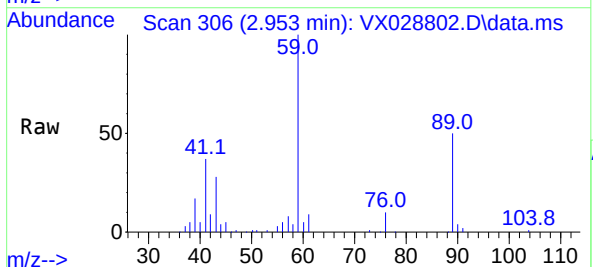


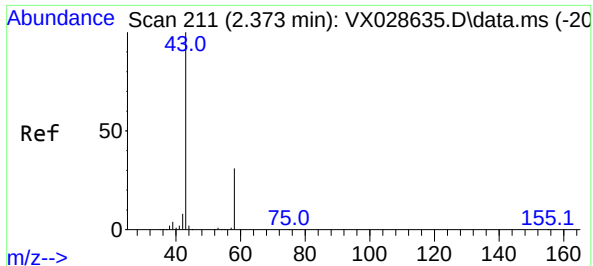
Tgt Ion:168 Resp: 271242
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#11
Tert butyl alcohol
Concen: 38.082 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion: 59 Resp: 35386
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5

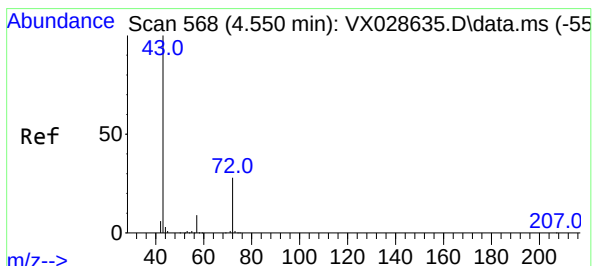
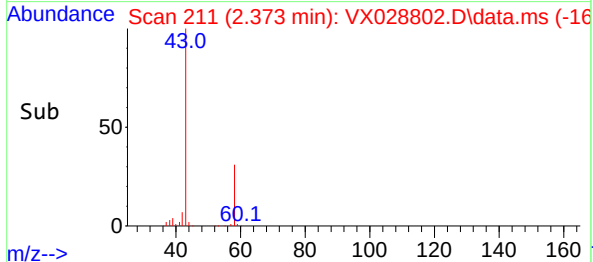
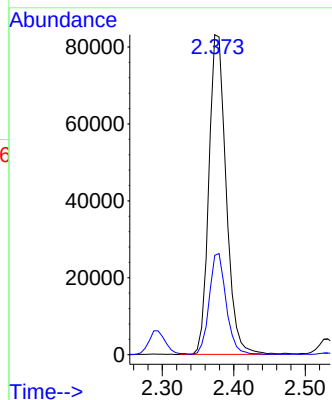
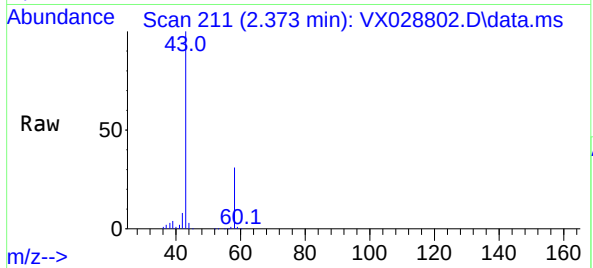




#16
Acetone
Concen: 87.478 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

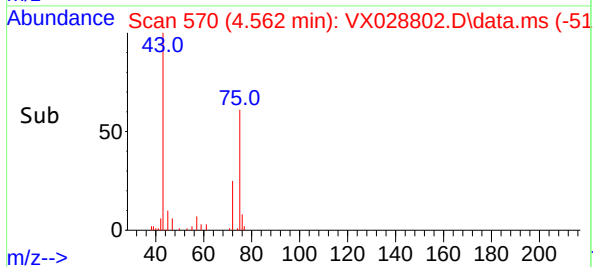
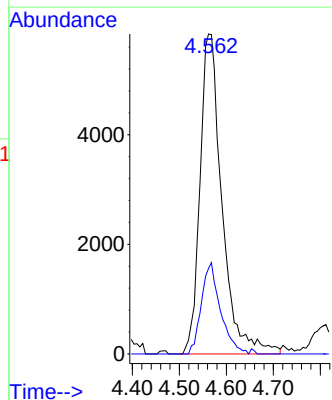
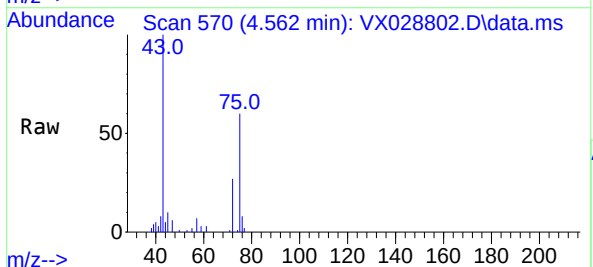
Instrument :
MSVOA_X
ClientSampleId :
31768DL

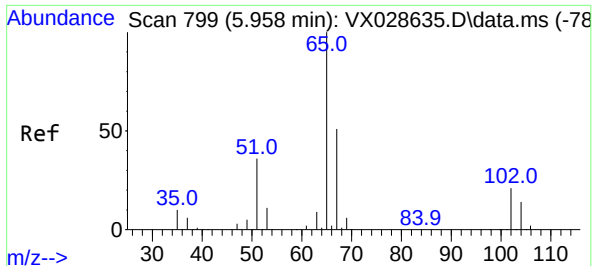
Tgt Ion: 43 Resp: 139590
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#25
2-Butanone
Concen: 7.583 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion: 43 Resp: 18993
Ion Ratio Lower Upper
43 100
72 26.7 24.4 36.6

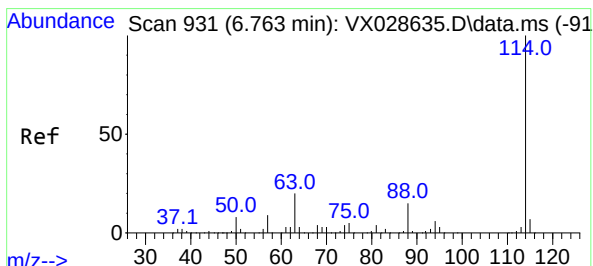
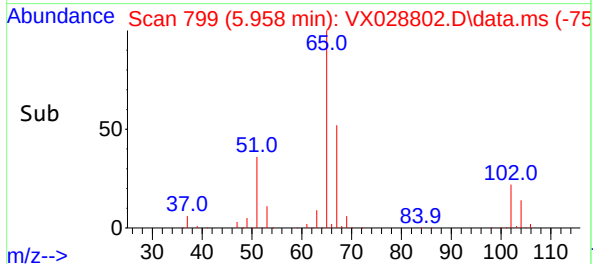
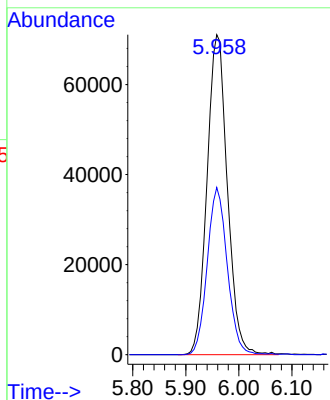
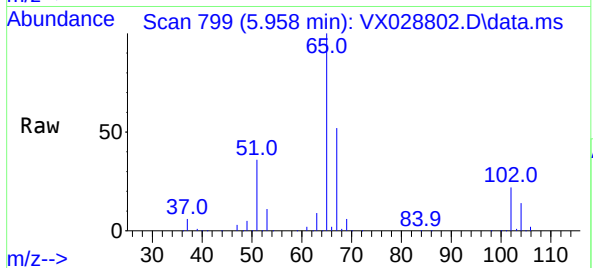




#33
 1,2-Dichloroethane-d4
 Concen: 50.855 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028802.D
 Acq: 18 May 2022 13:45

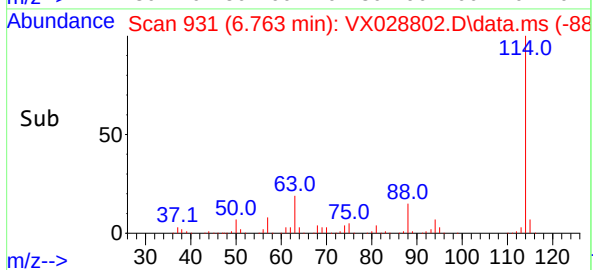
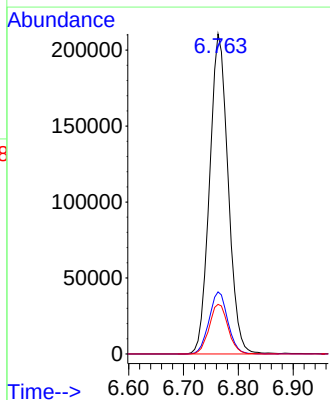
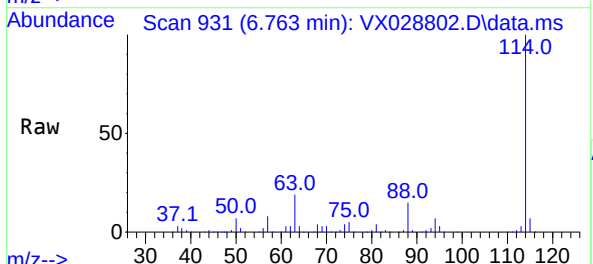
Instrument :
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 ClientSampleId :
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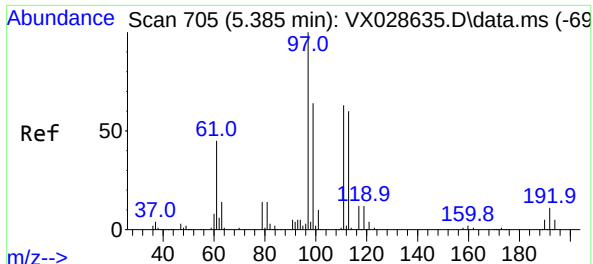
Tgt Ion: 65 Resp: 189083
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028802.D
 Acq: 18 May 2022 13:45

Tgt Ion: 114 Resp: 494466
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.8
 88 15.5 0.0 32.4

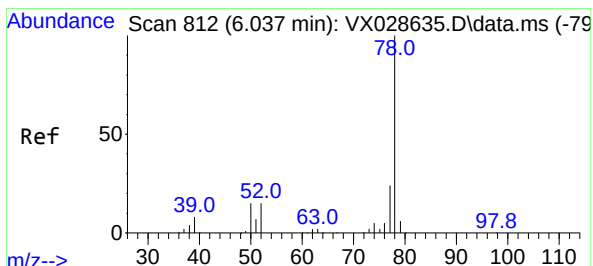
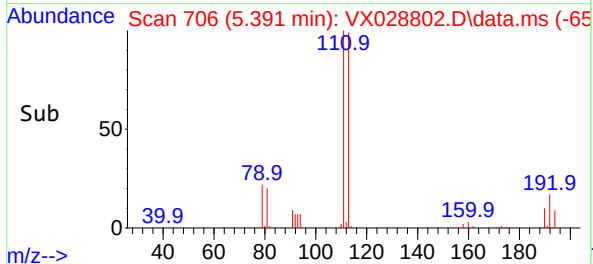
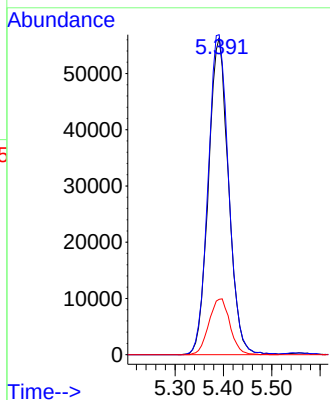
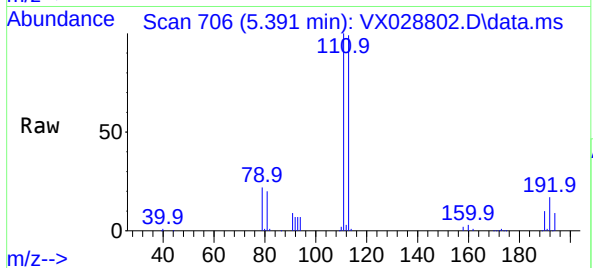




#35
Dibromofluoromethane
Concen: 50.033 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

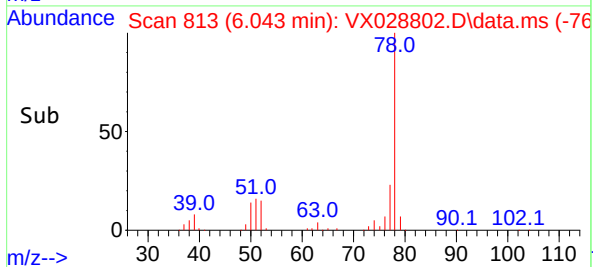
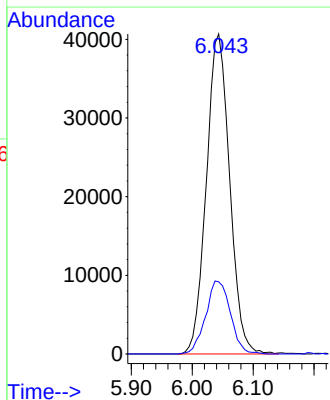
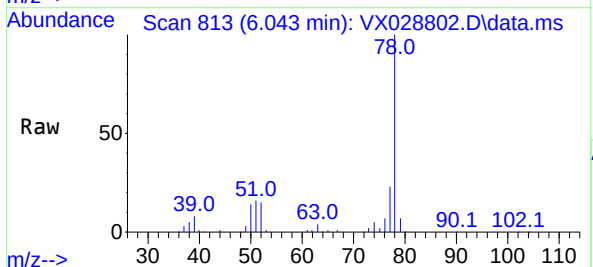
Instrument :
MSVOA_X
ClientSampleId :
31768DL

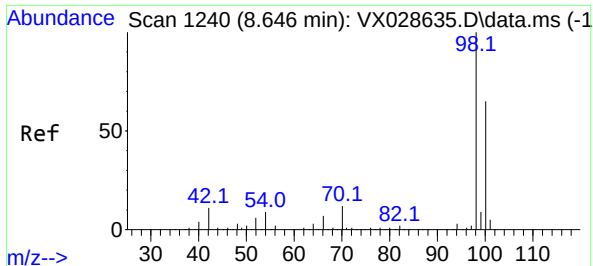
Tgt Ion:113 Resp: 162089
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.5 16.9 25.3



#40
Benzene
Concen: 7.732 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion: 78 Resp: 108126
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9

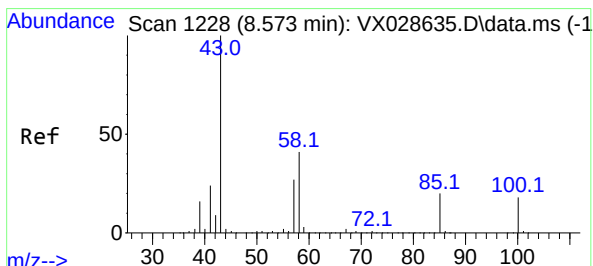
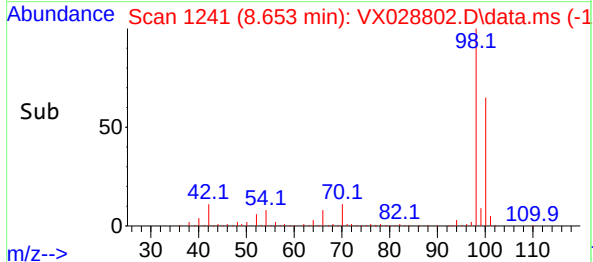
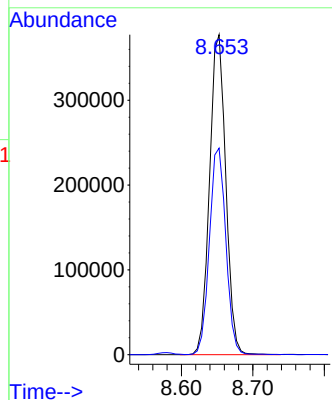
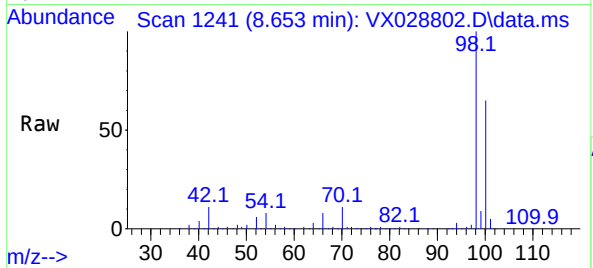




#50
Toluene-d8
Concen: 48.703 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

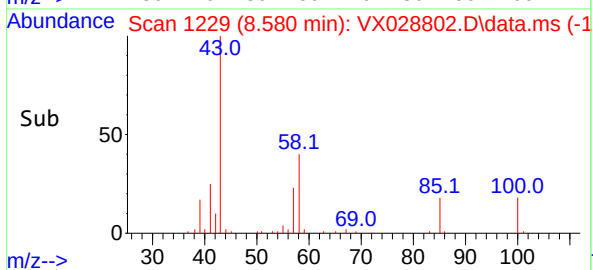
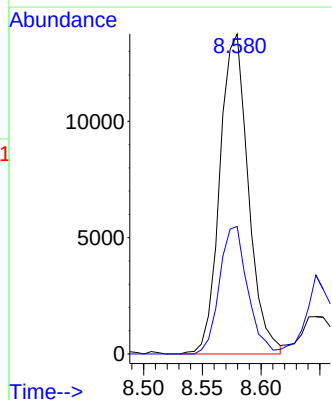
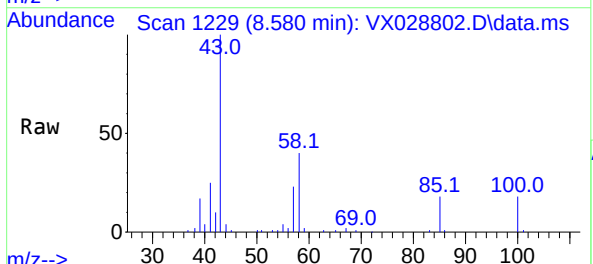
Instrument :
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ClientSampleId :
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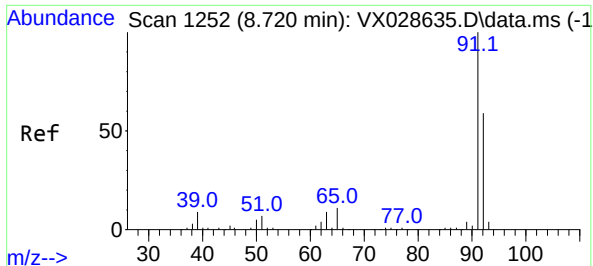
Tgt Ion: 98 Resp: 594869
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 4.441 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion: 43 Resp: 23260
Ion Ratio Lower Upper
43 100
58 39.4 36.1 54.1





#52

Toluene

Concen: 54.890 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX028802.D

Acq: 18 May 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

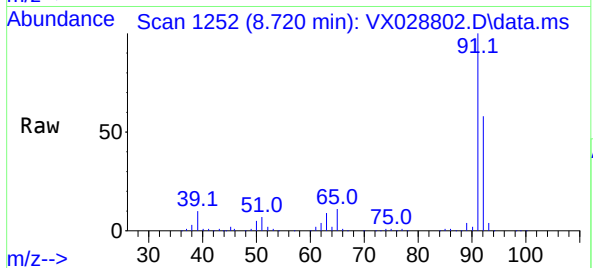
31768DL

Tgt Ion: 92 Resp: 493784

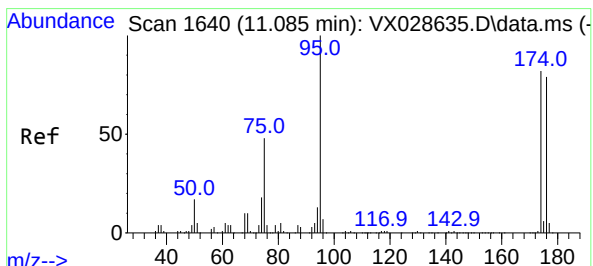
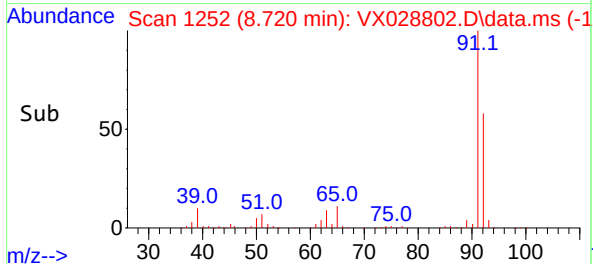
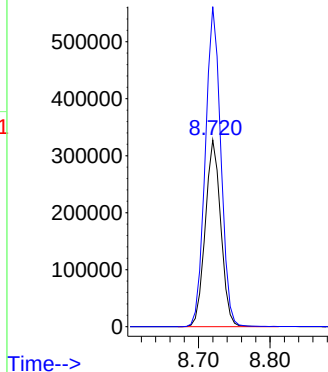
Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3



Abundance



#62

4-Bromofluorobenzene

Concen: 49.296 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028802.D

Acq: 18 May 2022 13:45

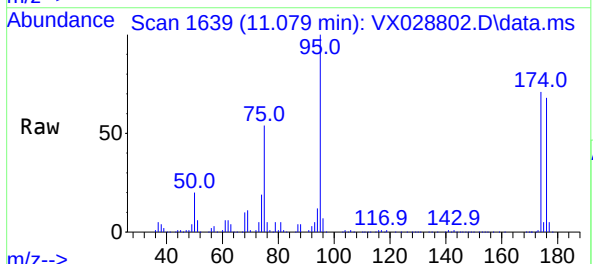
Tgt Ion: 95 Resp: 224891

Ion Ratio Lower Upper

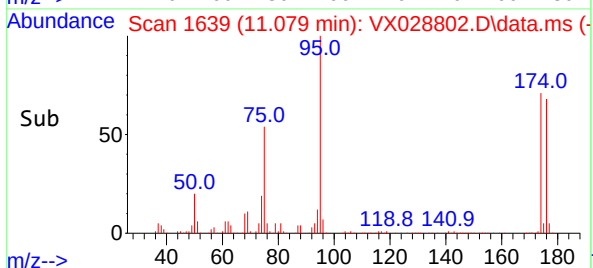
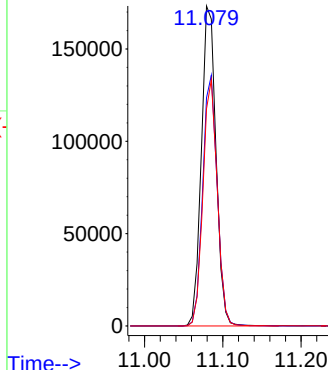
95 100

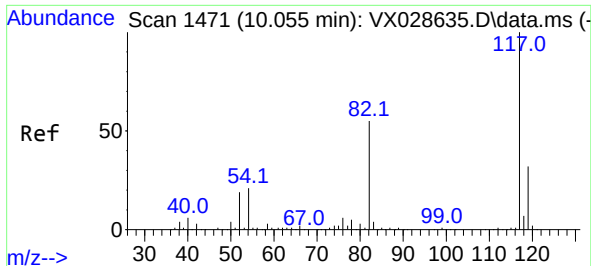
174 77.4 0.0 163.0

176 75.1 0.0 155.0



Abundance

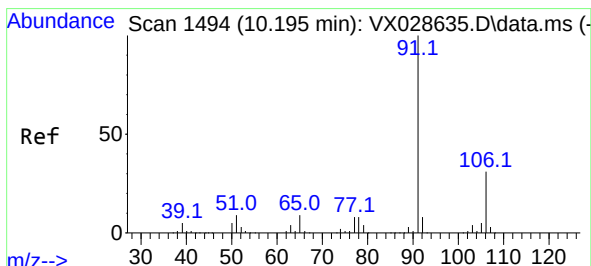
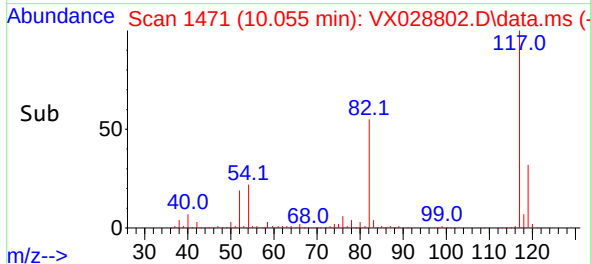
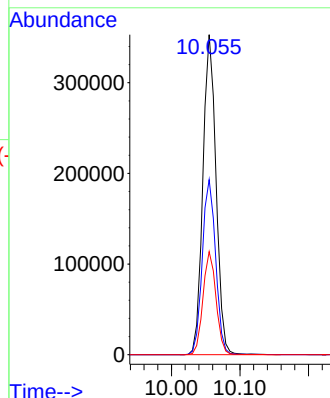
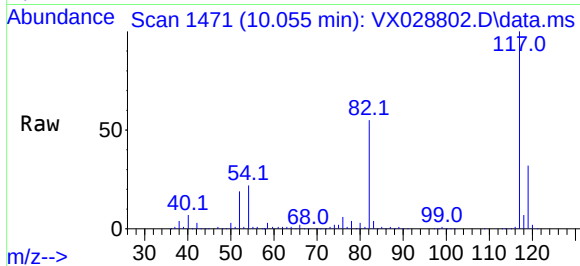




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

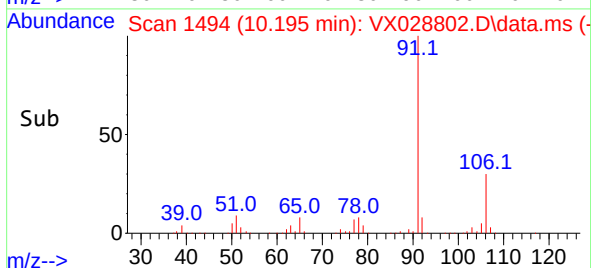
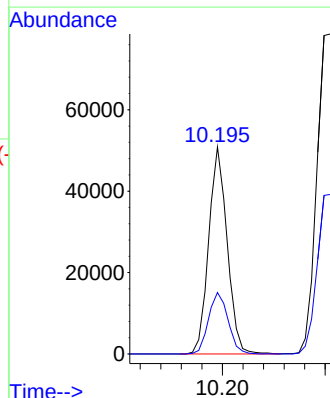
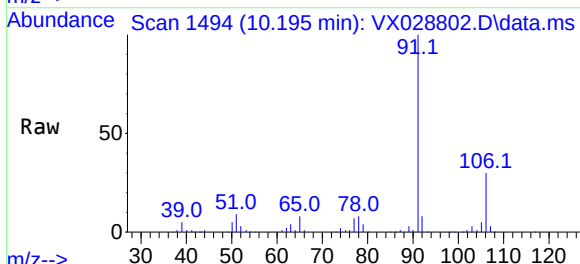
Instrument :
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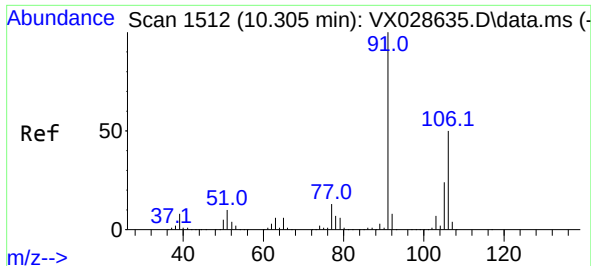
Tgt Ion:117 Resp: 472443
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.2 24.8 37.2



#67
Ethyl Benzene
Concen: 3.532 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion: 91 Resp: 63445
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8

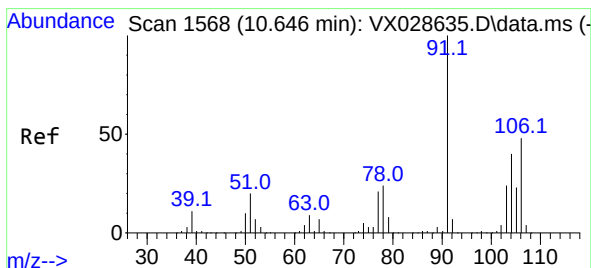
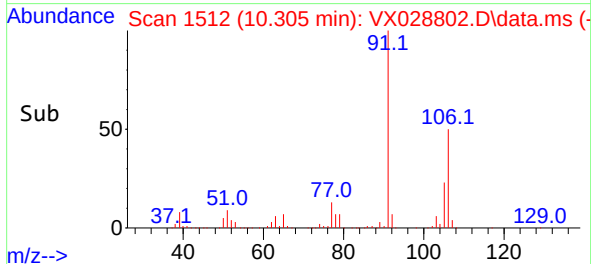
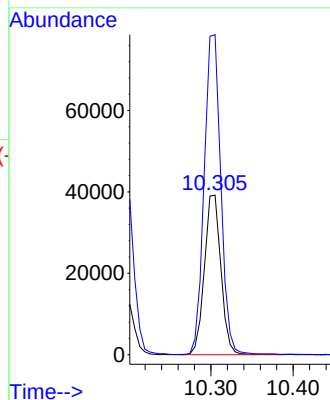
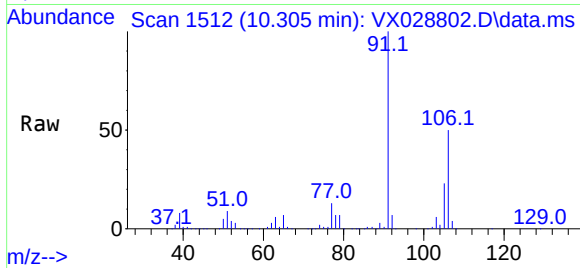




#68
m/p-Xylenes
Concen: 7.825 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

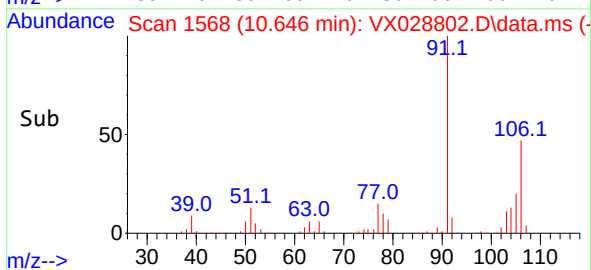
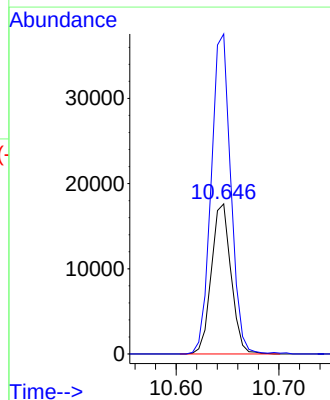
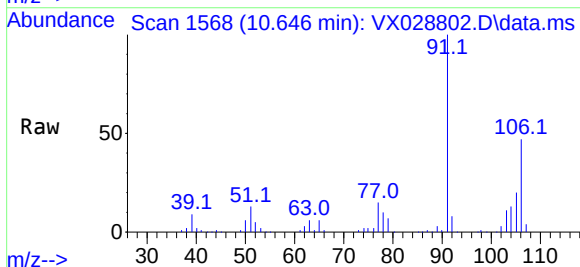
Instrument :
MSVOA_X
ClientSampleId :
31768DL

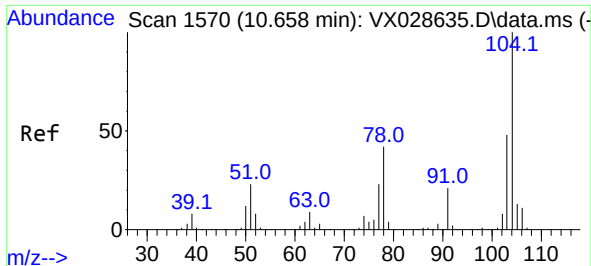
Tgt Ion:106 Resp: 54730
Ion Ratio Lower Upper
106 100
91 202.2 160.4 240.6



#69
o-Xylene
Concen: 3.391 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion:106 Resp: 23349
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.1

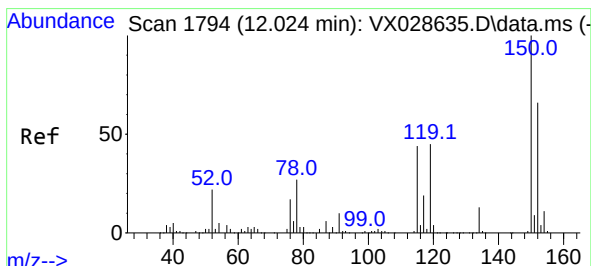
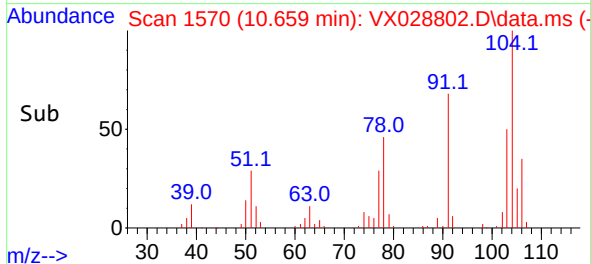
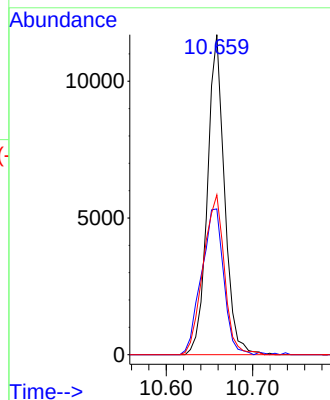
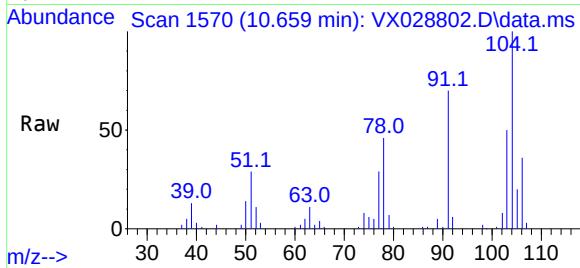




#70
Styrene
Concen: 1.437 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

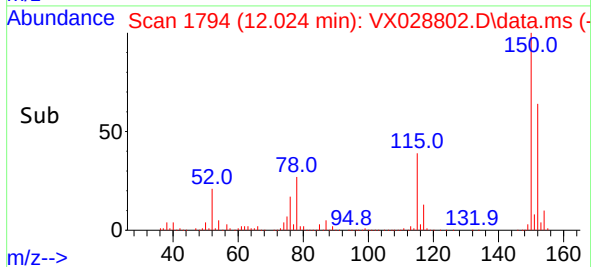
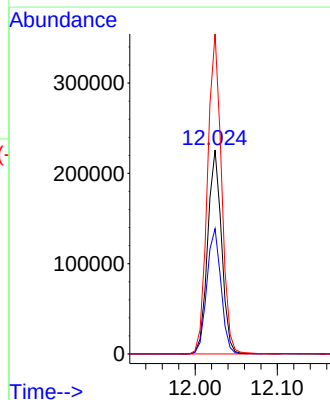
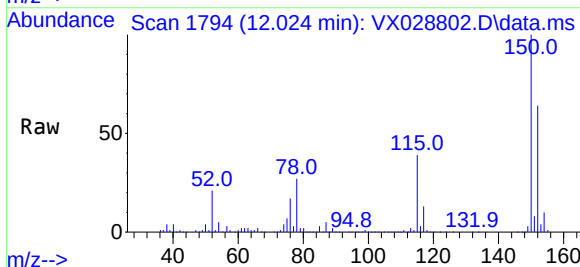
Instrument :
MSVOA_X
ClientSampleId :
31768DL

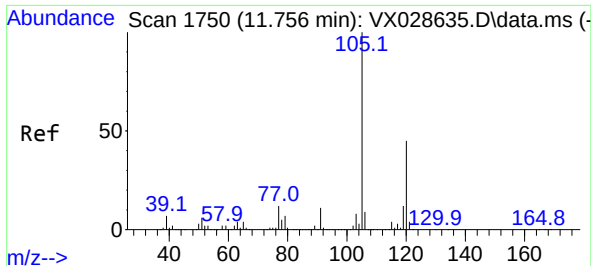
Tgt Ion:104 Resp: 16065
Ion Ratio Lower Upper
104 100
78 59.2 38.6 57.8#
103 61.9 43.8 65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion:152 Resp: 264705
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 158.6 0.0 338.2

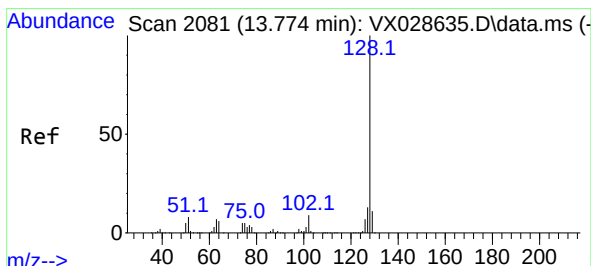
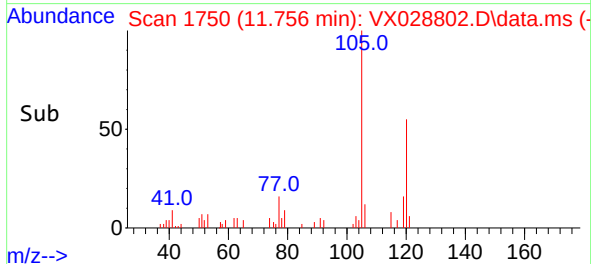
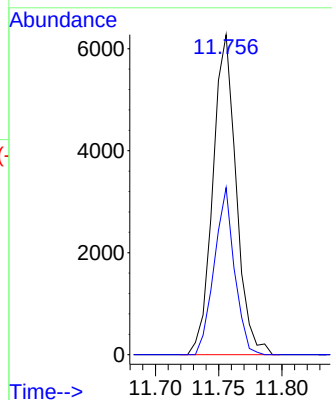
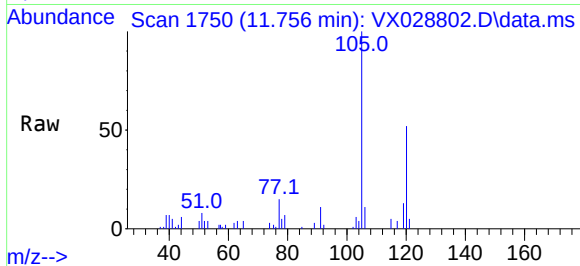




#84
1,2,4-Trimethylbenzene
Concen: 0.480 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
31768DL

Tgt Ion:105 Resp: 8049
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8



#95
Naphthalene
Concen: 2.168 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028802.D
Acq: 18 May 2022 13:45

Tgt Ion:128 Resp: 40783
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.3 8.7 13.1

