

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029675.D
 Acq On : 21 Jun 2022 20:26
 Operator : JC/MD
 Sample : N3325-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 22 01:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	254188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	432116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143244	42.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.140%
35) Dibromofluoromethane	5.391	113	127759	45.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.653	98	484049	47.052	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.100%
62) 4-Bromofluorobenzene	11.085	95	179682	46.315	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%

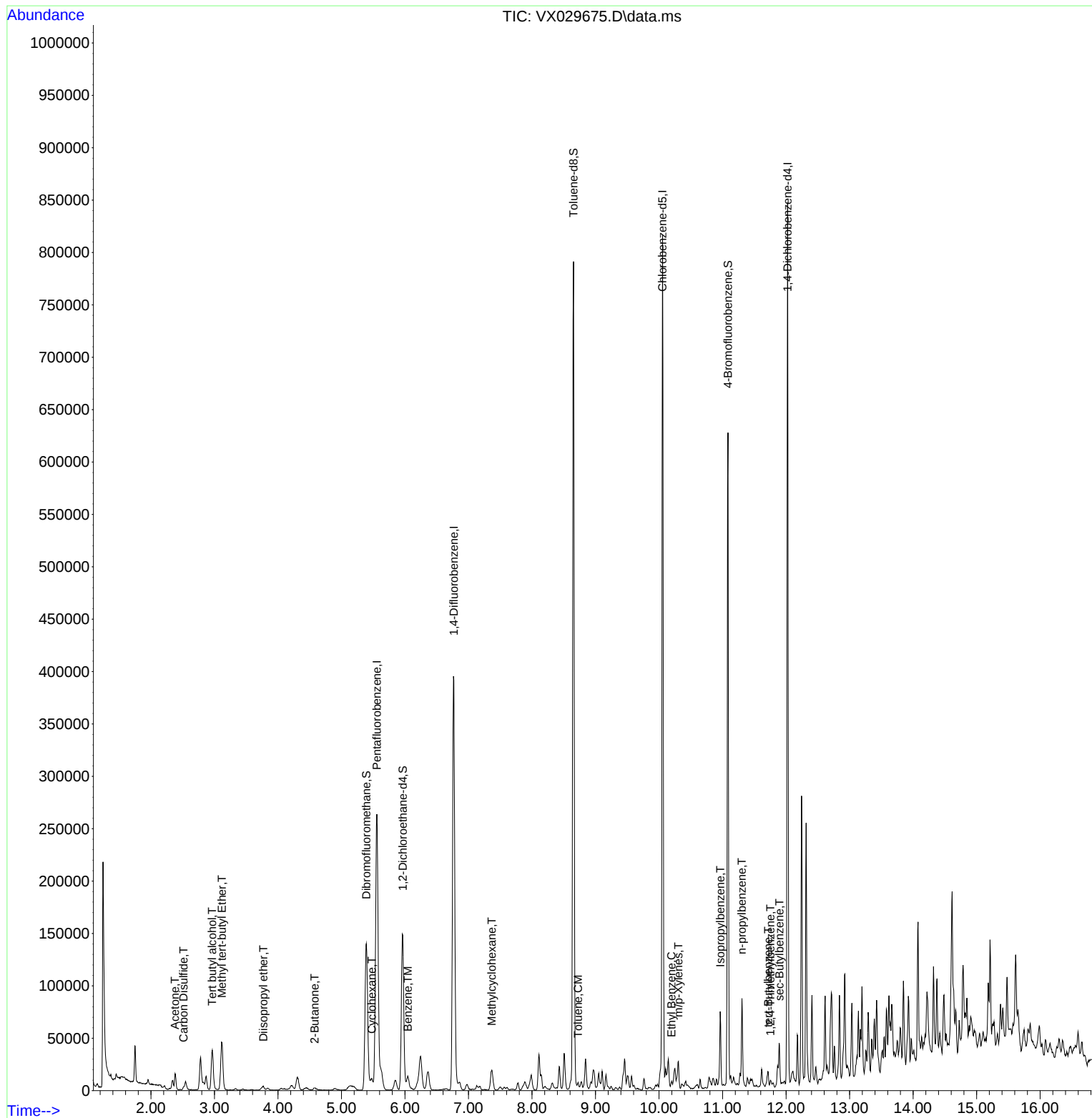
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	49846	60.983	ug/l	100
16) Acetone	2.380	43	15307	11.413	ug/l	100
17) Carbon Disulfide	2.514	76	3816	0.572	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	49497	5.536	ug/l #	89
22) Diisopropyl ether	3.770	45	3774	0.459	ug/l #	87
25) 2-Butanone	4.574	43	4563	2.152	ug/l	96
31) Cyclohexane	5.477	56	7460	1.651	ug/l	95
39) Methylcyclohexane	7.367	83	4845	1.020	ug/l #	6
40) Benzene	6.044	78	15892	1.407	ug/l	100
52) Toluene	8.726	92	2183	0.302	ug/l	86
67) Ethyl Benzene	10.195	91	4208	0.315	ug/l	94
68) m/p-Xylenes	10.305	106	5830	1.118	ug/l	95
73) Isopropylbenzene	10.963	105	35182	2.746	ug/l	99
78) n-propylbenzene	11.305	91	49114	3.403	ug/l	98
83) tert-Butylbenzene	11.719	119	3725	0.354	ug/l	77
84) 1,2,4-Trimethylbenzene	11.756	105	2595	0.241	ug/l	93
85) sec-Butylbenzene	11.896	105	15960	1.224	ug/l	96

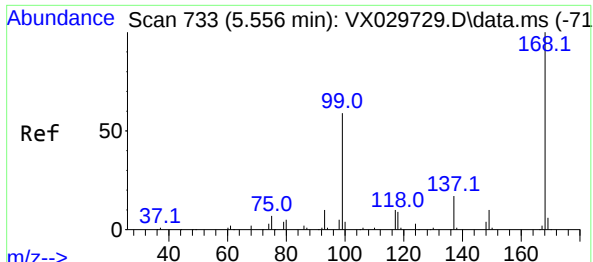
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 01:13:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

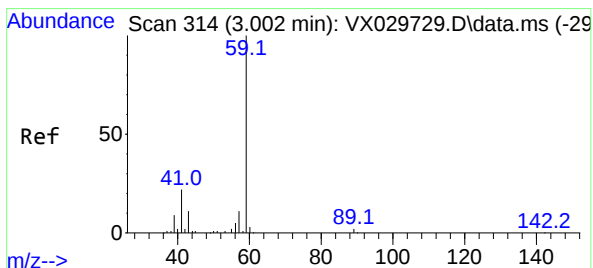
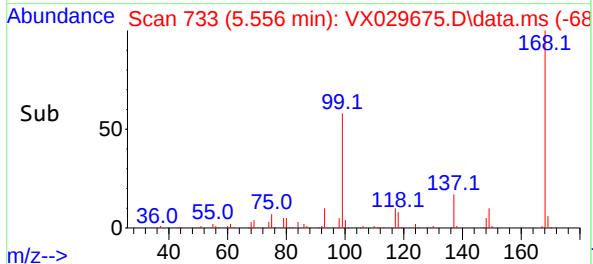
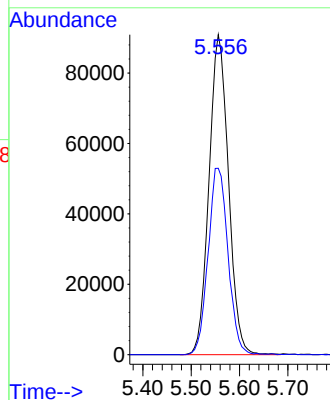
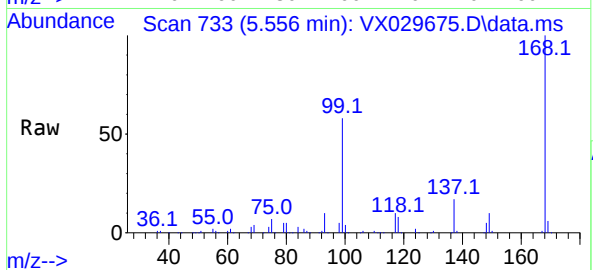




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

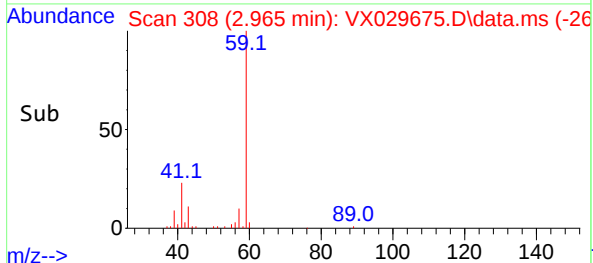
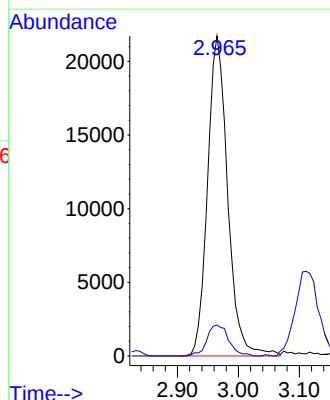
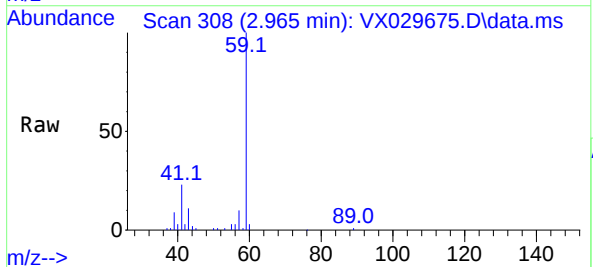
Instrument :
MSVOA_X
ClientSampleId :
MW-4

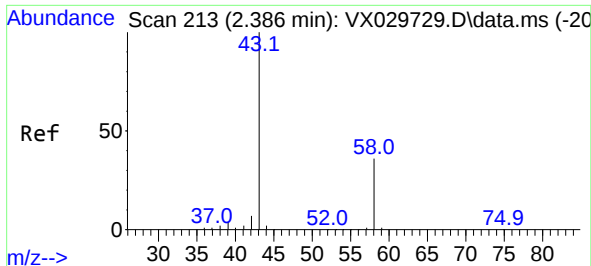
Tgt Ion:168 Resp: 254188
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#11
Tert butyl alcohol
Concen: 60.983 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 59 Resp: 49846
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

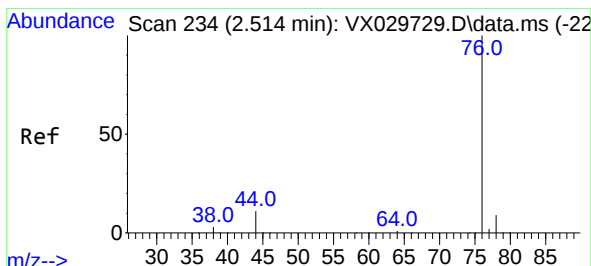
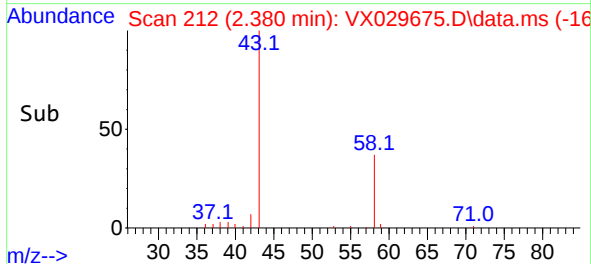
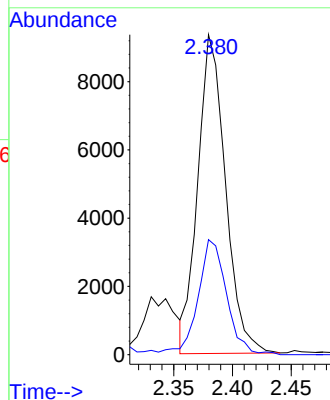
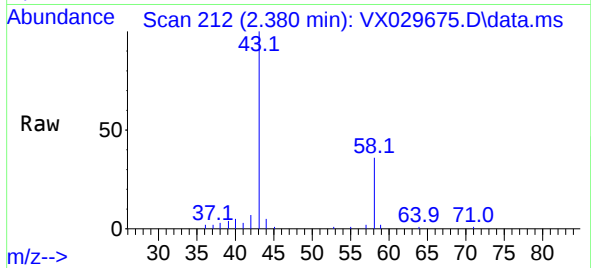




#16
Acetone
Concen: 11.413 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

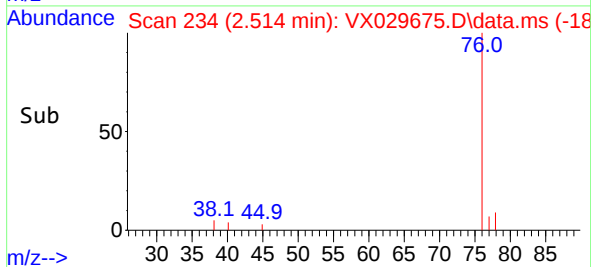
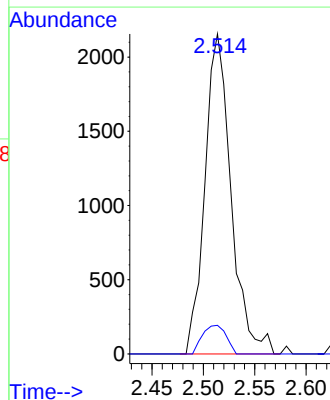
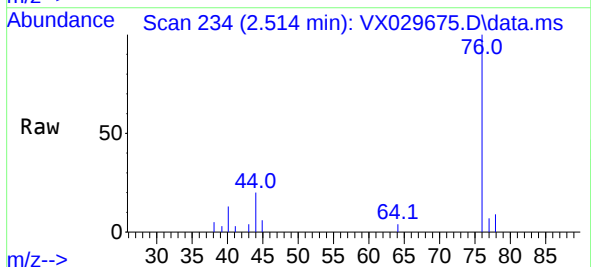
Instrument :
MSVOA_X
ClientSampleId :
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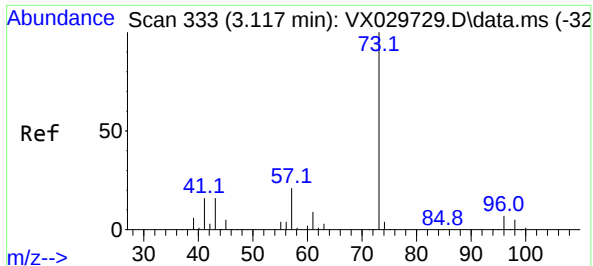
Tgt Ion: 43 Resp: 15307
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2



#17
Carbon Disulfide
Concen: 0.572 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 76 Resp: 3816
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

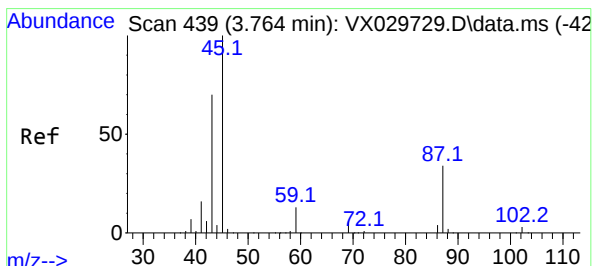
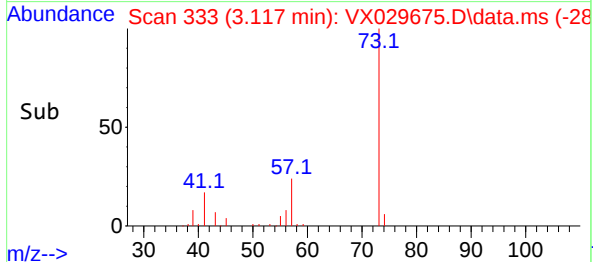
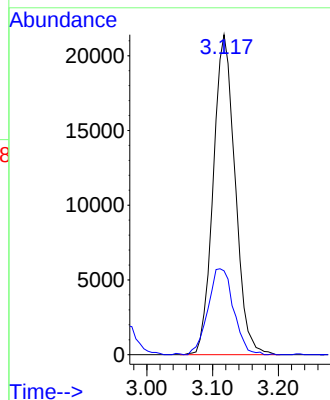
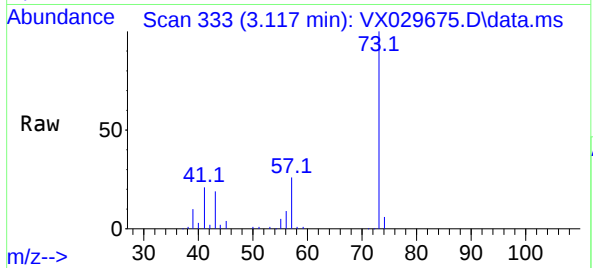




#19
Methyl tert-butyl Ether
Concen: 5.536 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

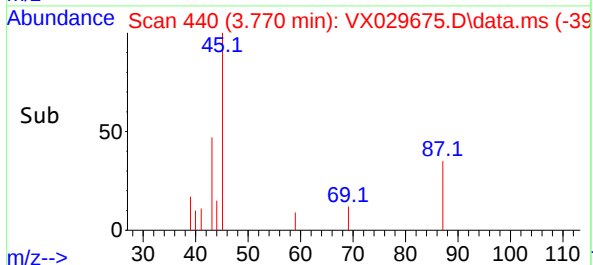
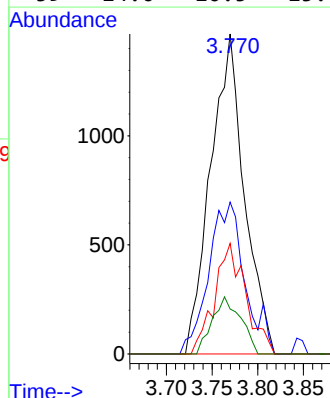
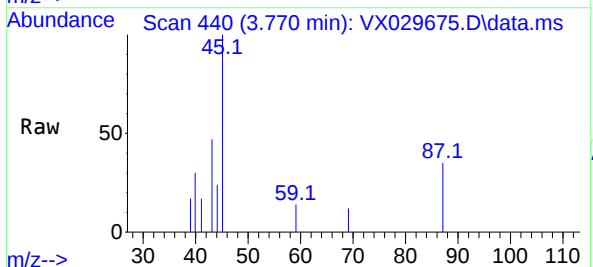
Instrument :
MSVOA_X
ClientSampleId :
MW-4

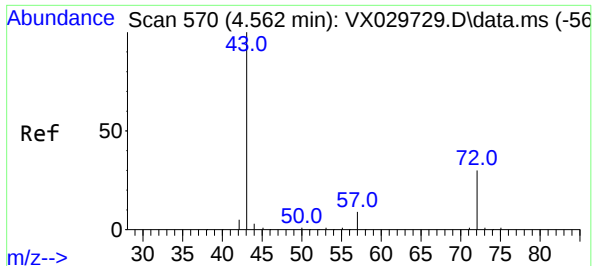
Tgt Ion: 73 Resp: 49497
Ion Ratio Lower Upper
73 100
57 26.2 16.8 25.2#



#22
Diisopropyl ether
Concen: 0.459 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 45 Resp: 3774
Ion Ratio Lower Upper
45 100
43 47.4 50.8 76.2#
87 34.6 26.6 39.8
59 14.0 10.5 15.7

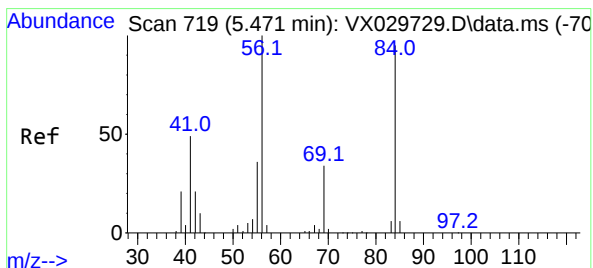
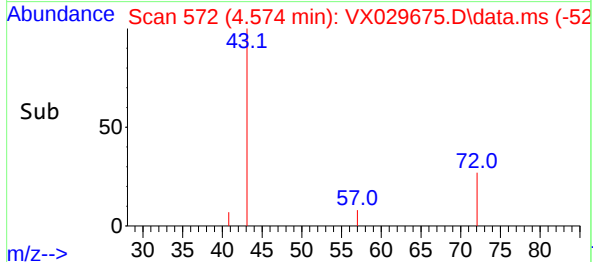
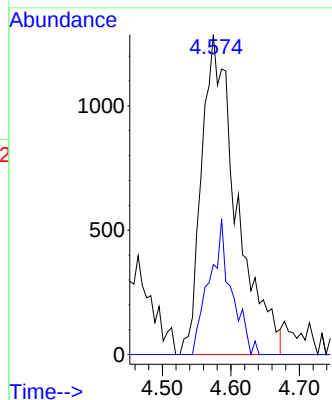
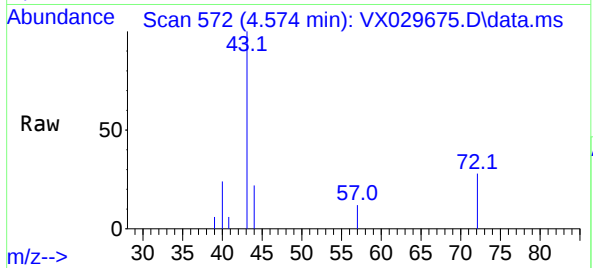




#25
2-Butanone
Concen: 2.152 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

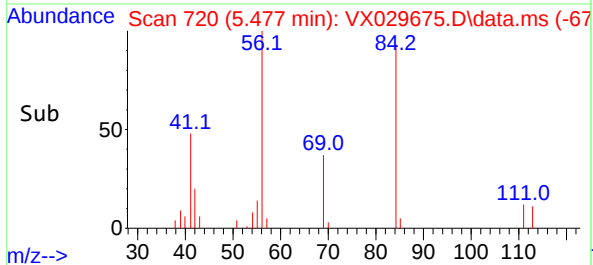
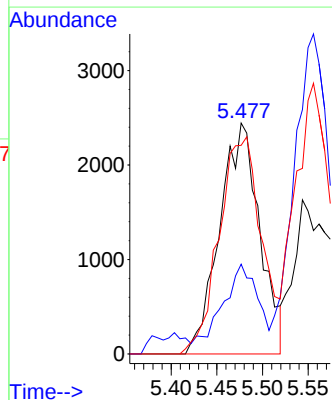
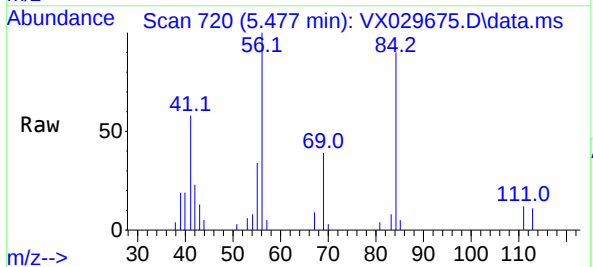
Instrument :
MSVOA_X
ClientSampleId :
MW-4

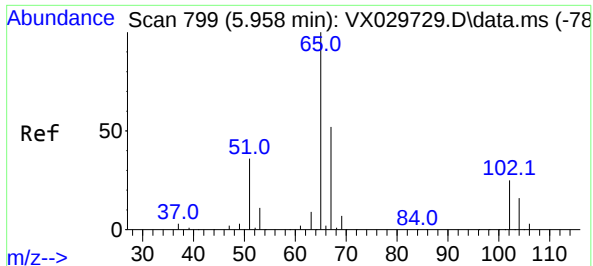
Tgt Ion: 43 Resp: 4563
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6



#31
Cyclohexane
Concen: 1.651 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 56 Resp: 7460
Ion Ratio Lower Upper
56 100
69 32.3 26.7 40.1
84 90.3 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.572 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029675.D

Acq: 21 Jun 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

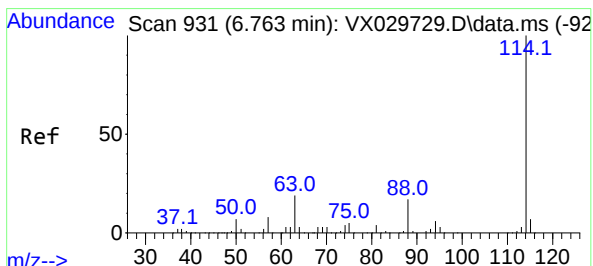
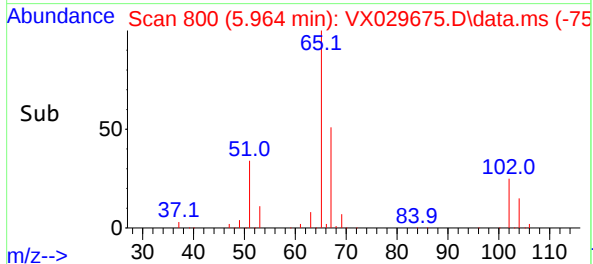
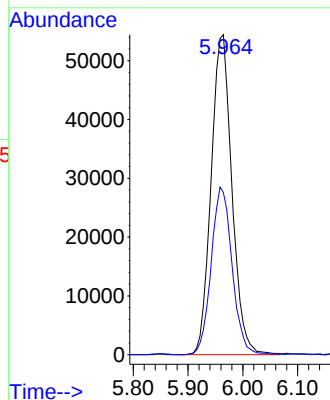
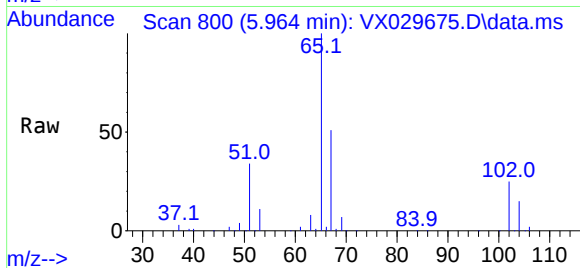
MW-4

Tgt Ion: 65 Resp: 143244

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029675.D

Acq: 21 Jun 2022 20:26

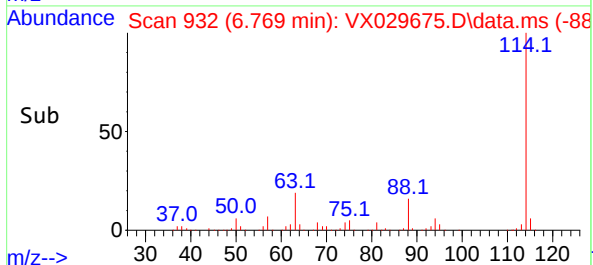
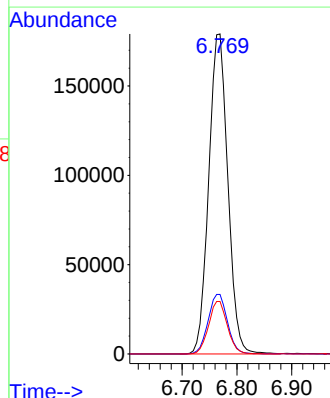
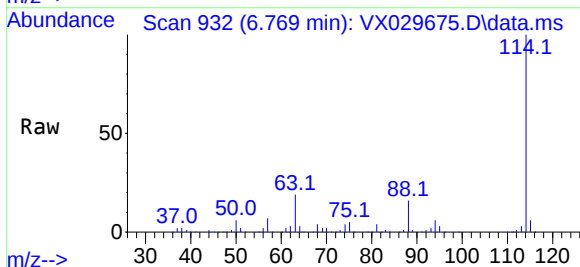
Tgt Ion: 114 Resp: 432116

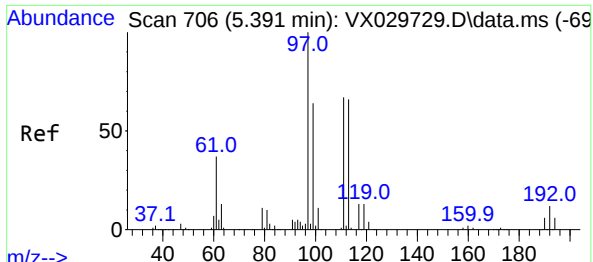
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

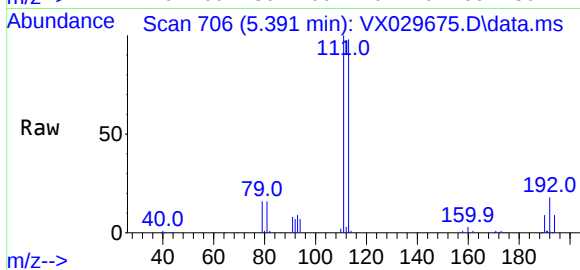
88 16.4 0.0 32.4



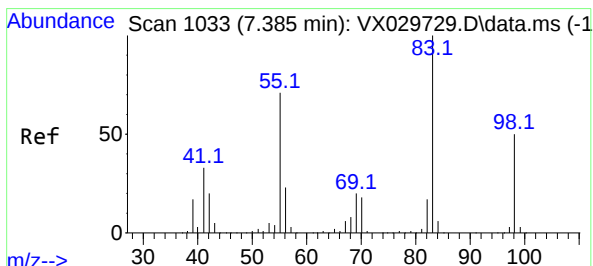
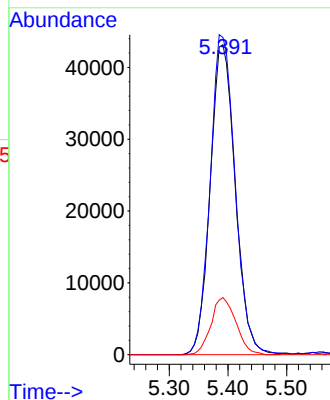
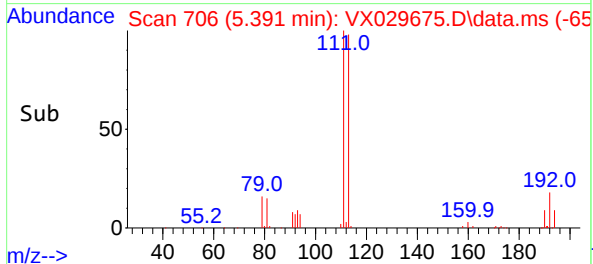


#35
Dibromofluoromethane
Concen: 45.368 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :
MW-4

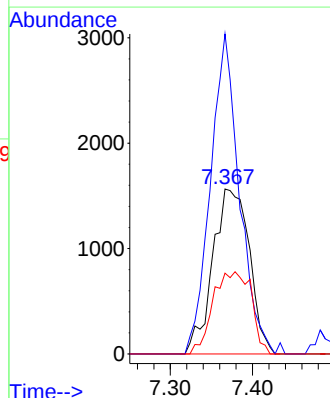
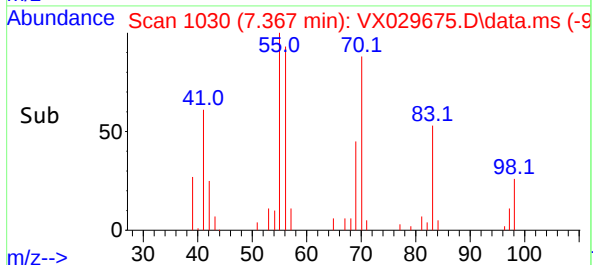
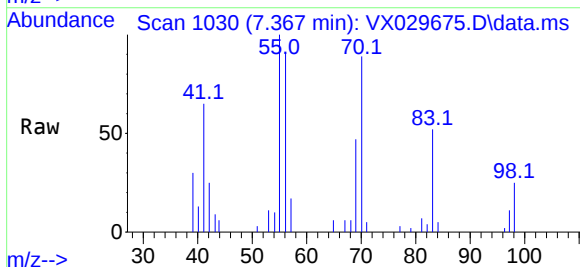


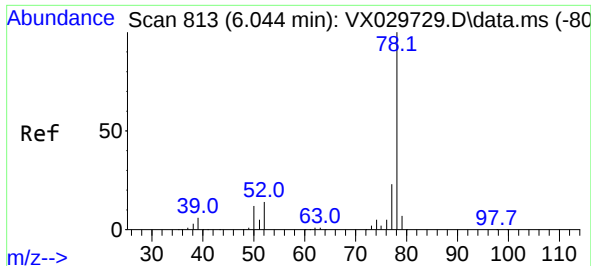
Tgt Ion:113 Resp: 127759
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.3 16.9 25.3



#39
Methylcyclohexane
Concen: 1.020 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.018 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 83 Resp: 4845
Ion Ratio Lower Upper
83 100
55 194.0 54.6 81.8#
98 49.0 37.4 56.2

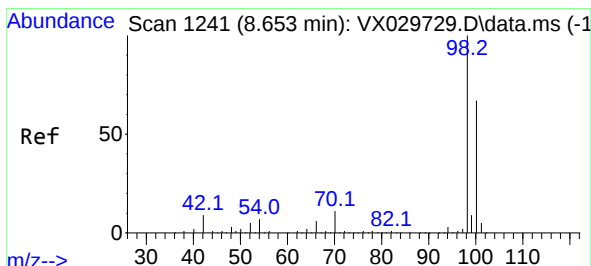
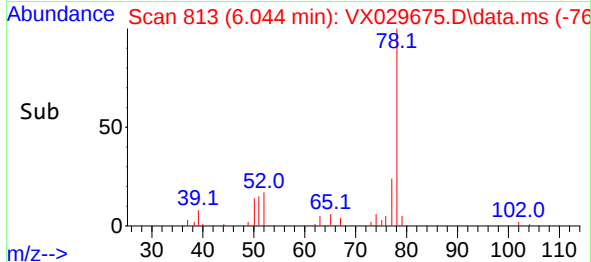
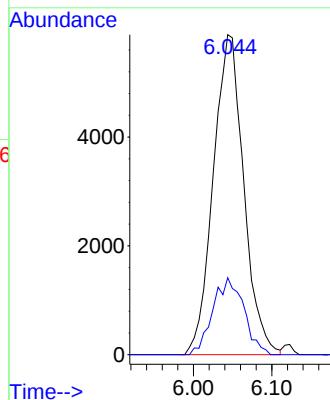
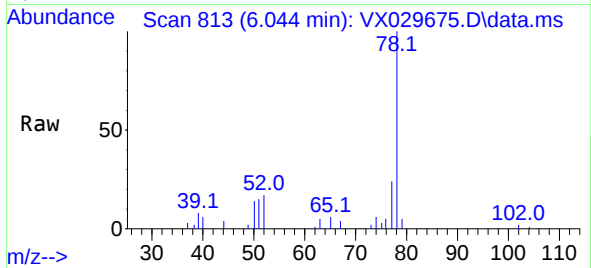




#40
Benzene
Concen: 1.407 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

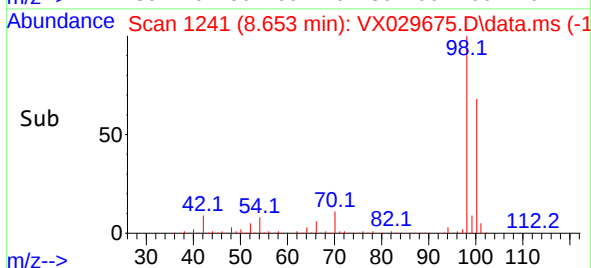
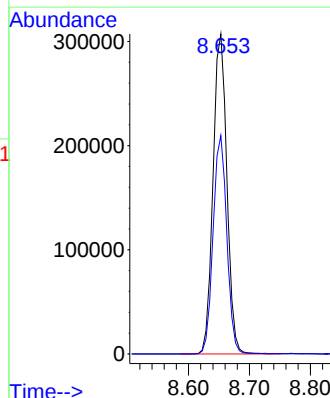
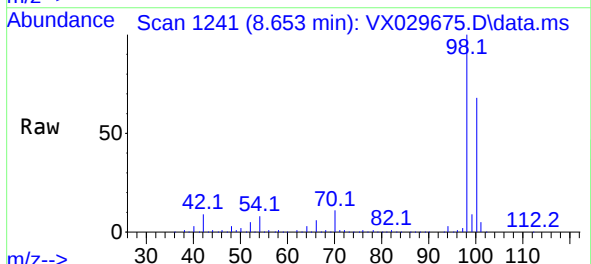
Instrument :
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MW-4

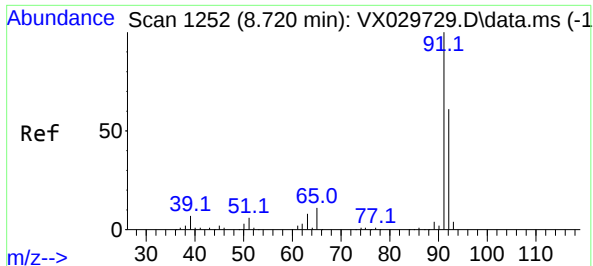
Tgt Ion: 78 Resp: 15892
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



#50
Toluene-d8
Concen: 47.052 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 98 Resp: 484049
Ion Ratio Lower Upper
98 100
100 67.6 52.6 78.8

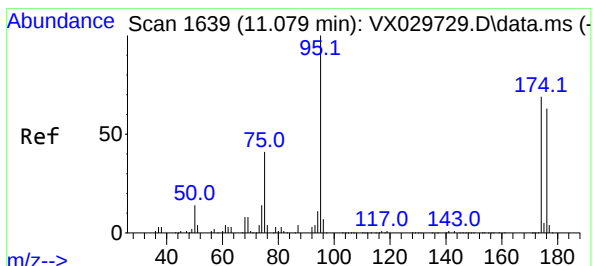
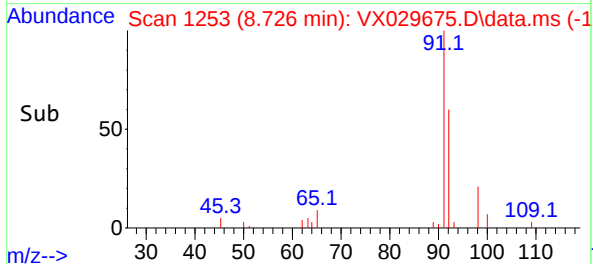
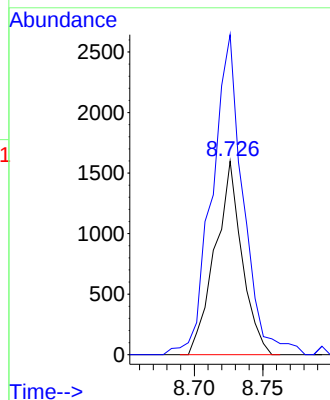
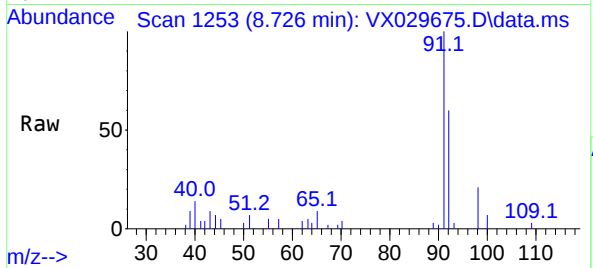




#52
Toluene
Concen: 0.302 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

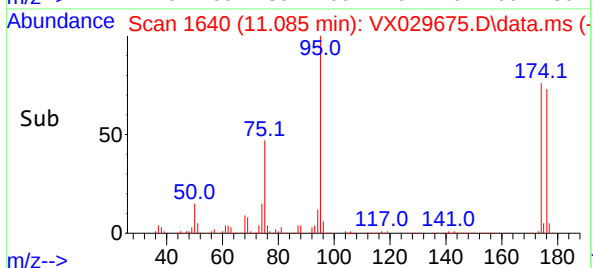
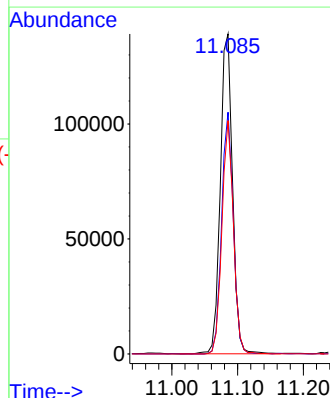
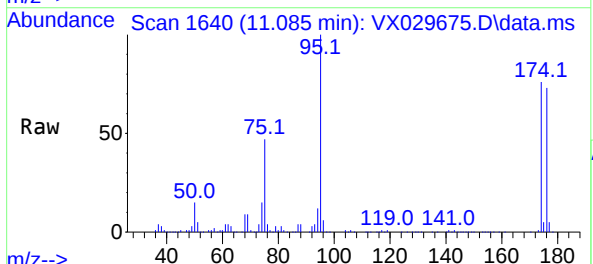
Instrument :
MSVOA_X
ClientSampleId :
MW-4

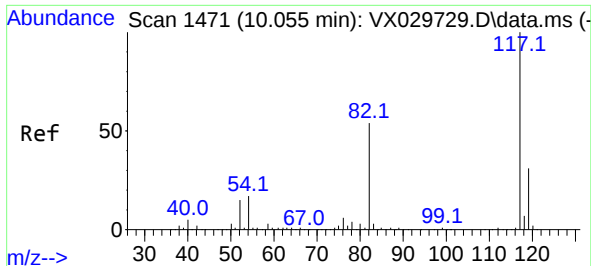
Tgt Ion: 92 Resp: 2183
Ion Ratio Lower Upper
92 100
91 191.4 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 46.315 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 95 Resp: 179682
Ion Ratio Lower Upper
95 100
174 72.2 0.0 163.0
176 68.7 0.0 155.0

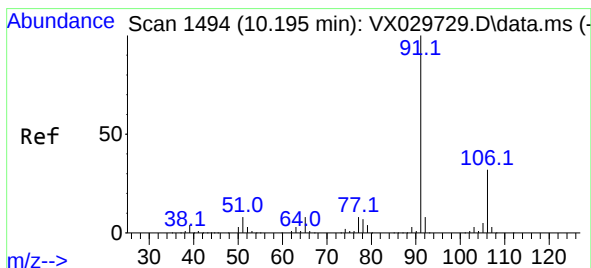
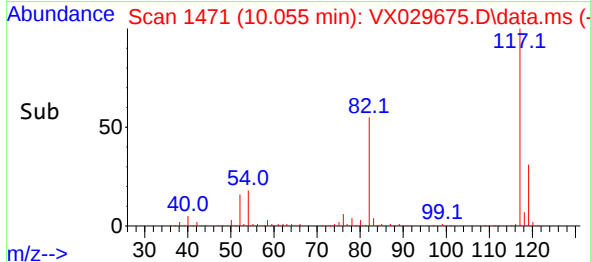
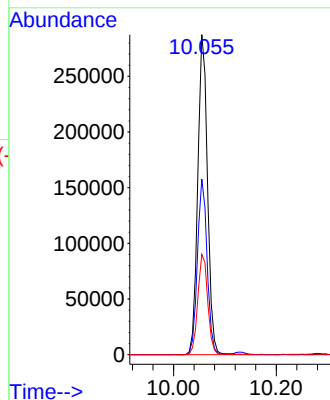
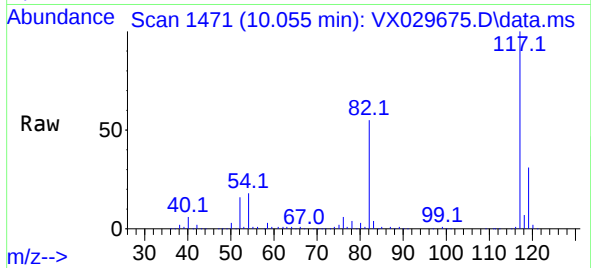




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

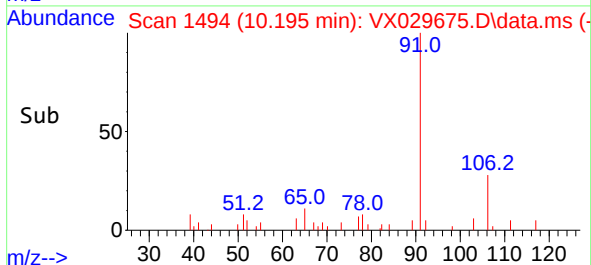
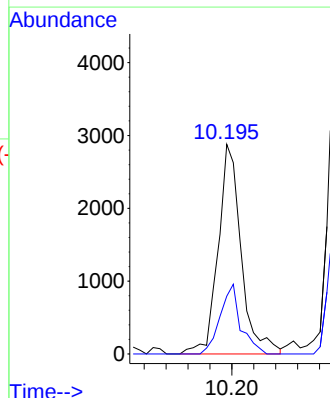
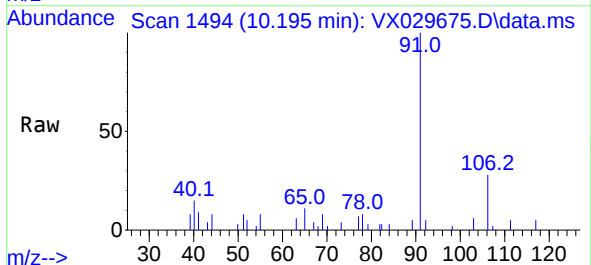
Instrument :
MSVOA_X
ClientSampleId :
MW-4

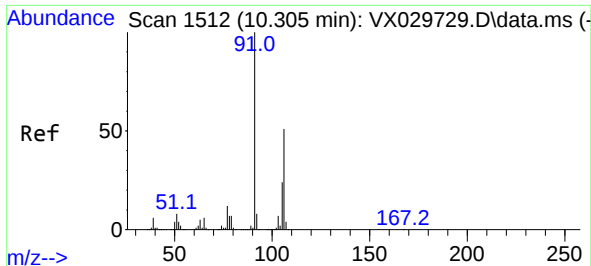
Tgt Ion:117 Resp: 378993
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 31.4 24.8 37.2



#67
Ethyl Benzene
Concen: 0.315 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 91 Resp: 4208
Ion Ratio Lower Upper
91 100
106 27.5 24.6 36.8

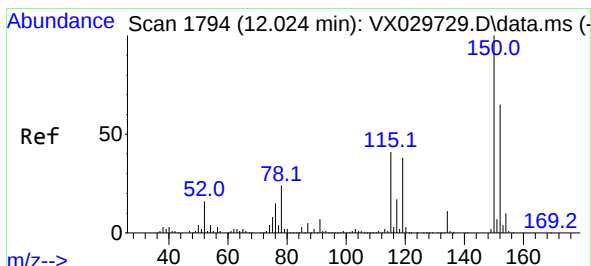
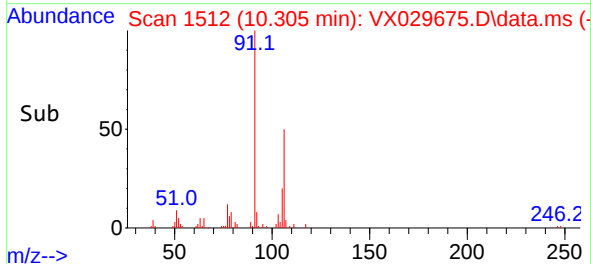
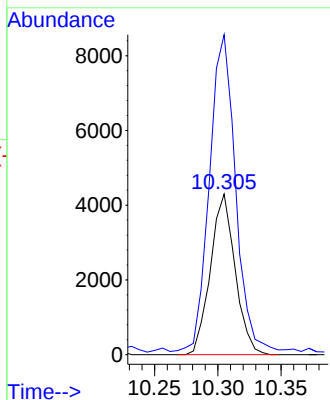
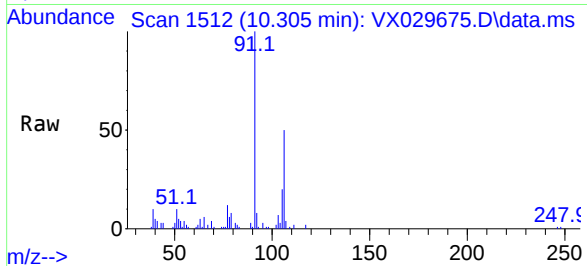




#68
m/p-Xylenes
Concen: 1.118 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

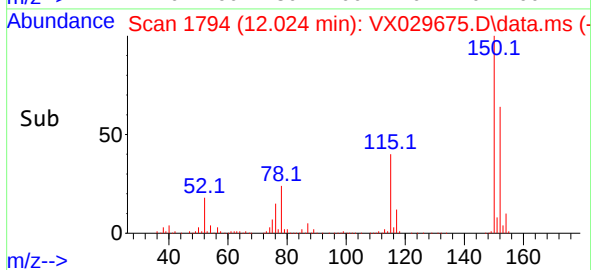
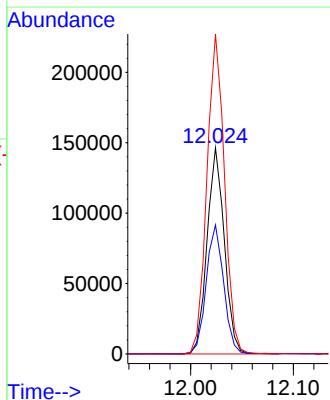
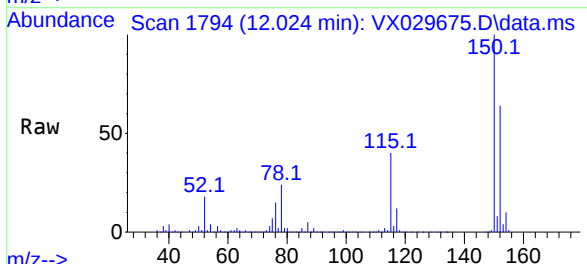
Instrument :
MSVOA_X
ClientSampleId :
MW-4

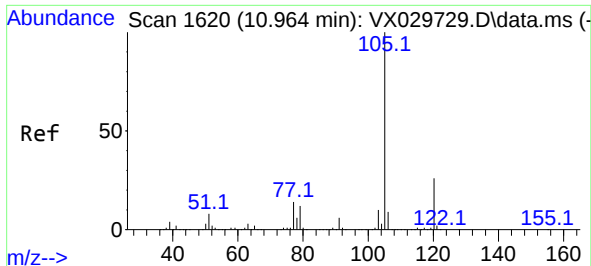
Tgt Ion:106 Resp: 5830
Ion Ratio Lower Upper
106 100
91 208.0 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion:152 Resp: 170888
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 157.8 0.0 338.2

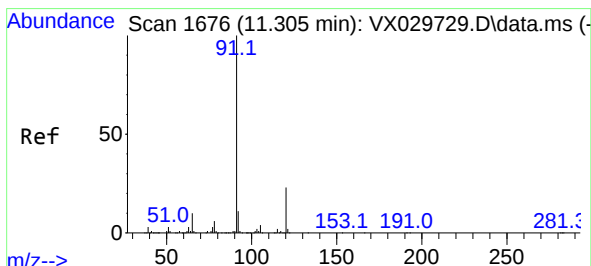
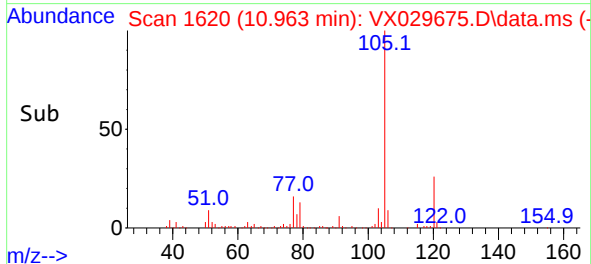
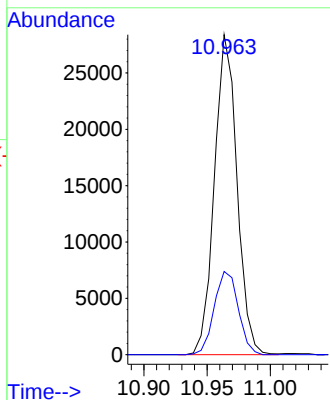
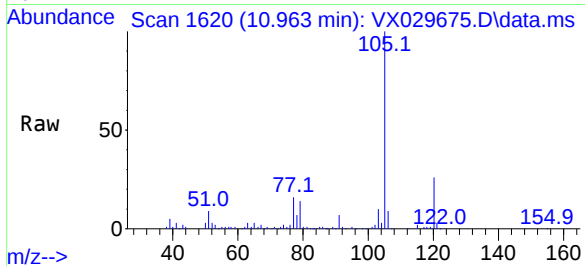




#73
Isopropylbenzene
Concen: 2.746 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

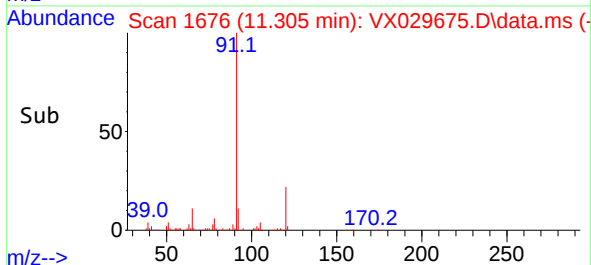
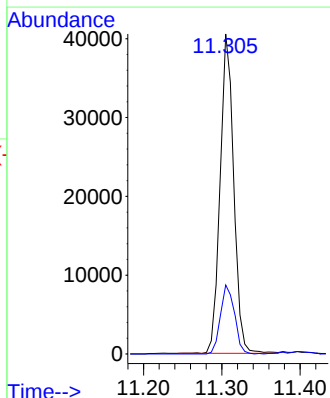
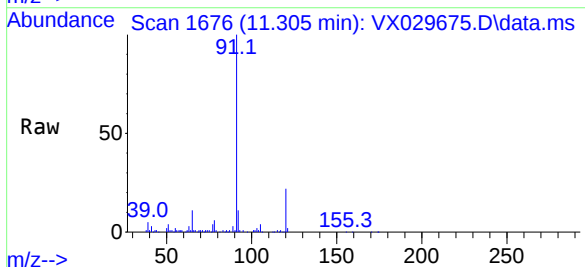
Instrument :
MSVOA_X
ClientSampleId :
MW-4

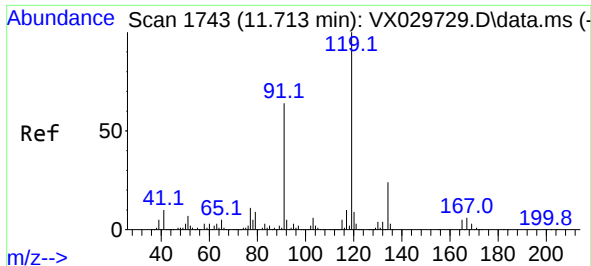
Tgt Ion:105 Resp: 35182
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.5



#78
n-propylbenzene
Concen: 3.403 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion: 91 Resp: 49114
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8

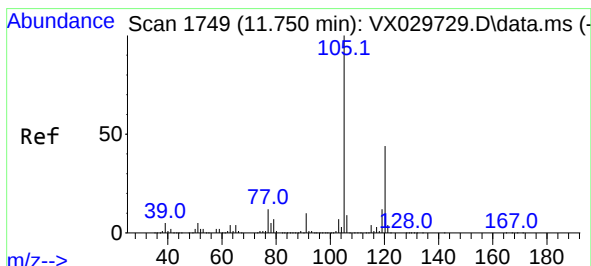
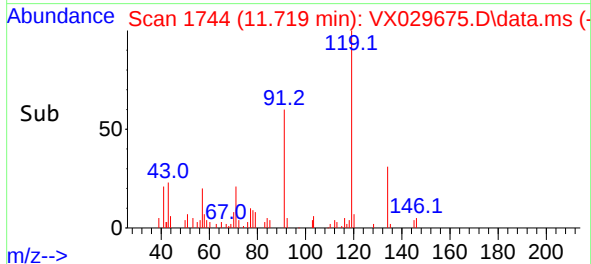
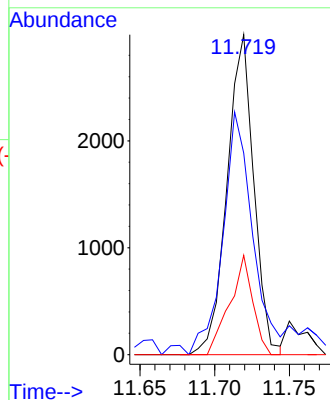
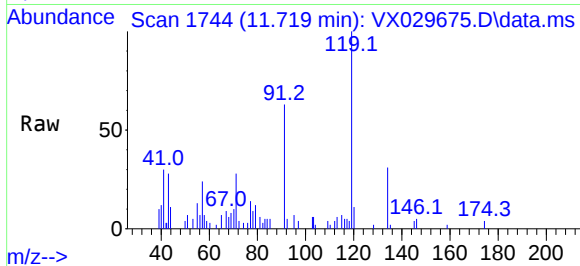




#83
tert-Butylbenzene
Concen: 0.354 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

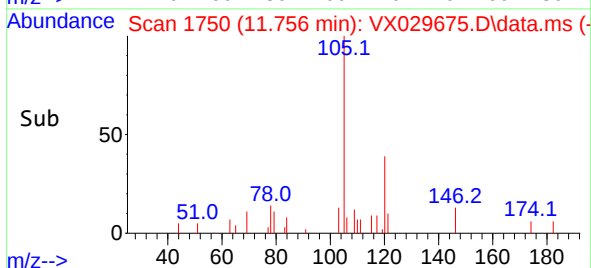
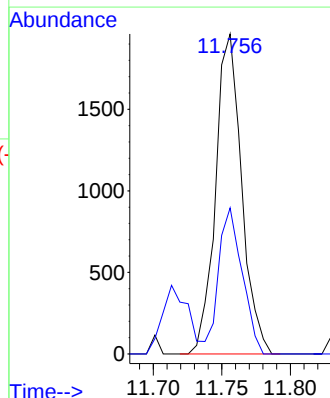
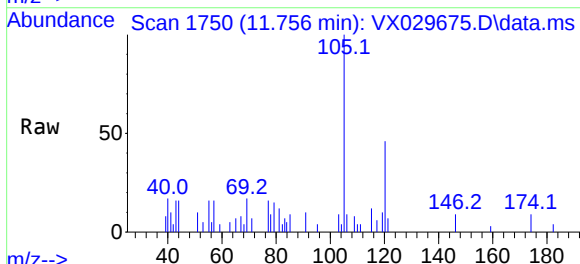
Instrument :
MSVOA_X
ClientSampleId :
MW-4

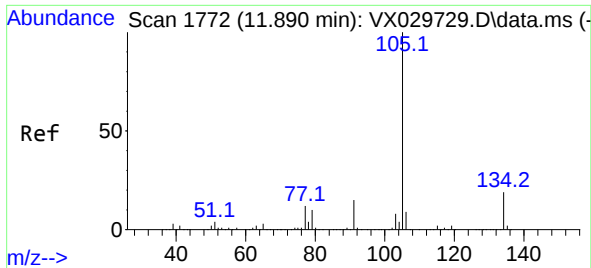
Tgt Ion:	119	Resp:	3725
Ion	Ratio	Lower	Upper
119	100		
91	74.8	26.9	80.6
134	26.7	11.4	34.2



#84
1,2,4-Trimethylbenzene
Concen: 0.241 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029675.D
Acq: 21 Jun 2022 20:26

Tgt Ion:	105	Resp:	2595
Ion	Ratio	Lower	Upper
105	100		
120	40.9	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 1.224 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029675.D
 Acq: 21 Jun 2022 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tgt Ion:105 Resp: 15960
 Ion Ratio Lower Upper
 105 100
 134 18.3 10.2 30.4

