

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
 Data File : VX029126.D
 Acq On : 01 Jun 2022 18:17
 Operator : JC/MD
 Sample : N3087-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Quant Time: Jun 02 09:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

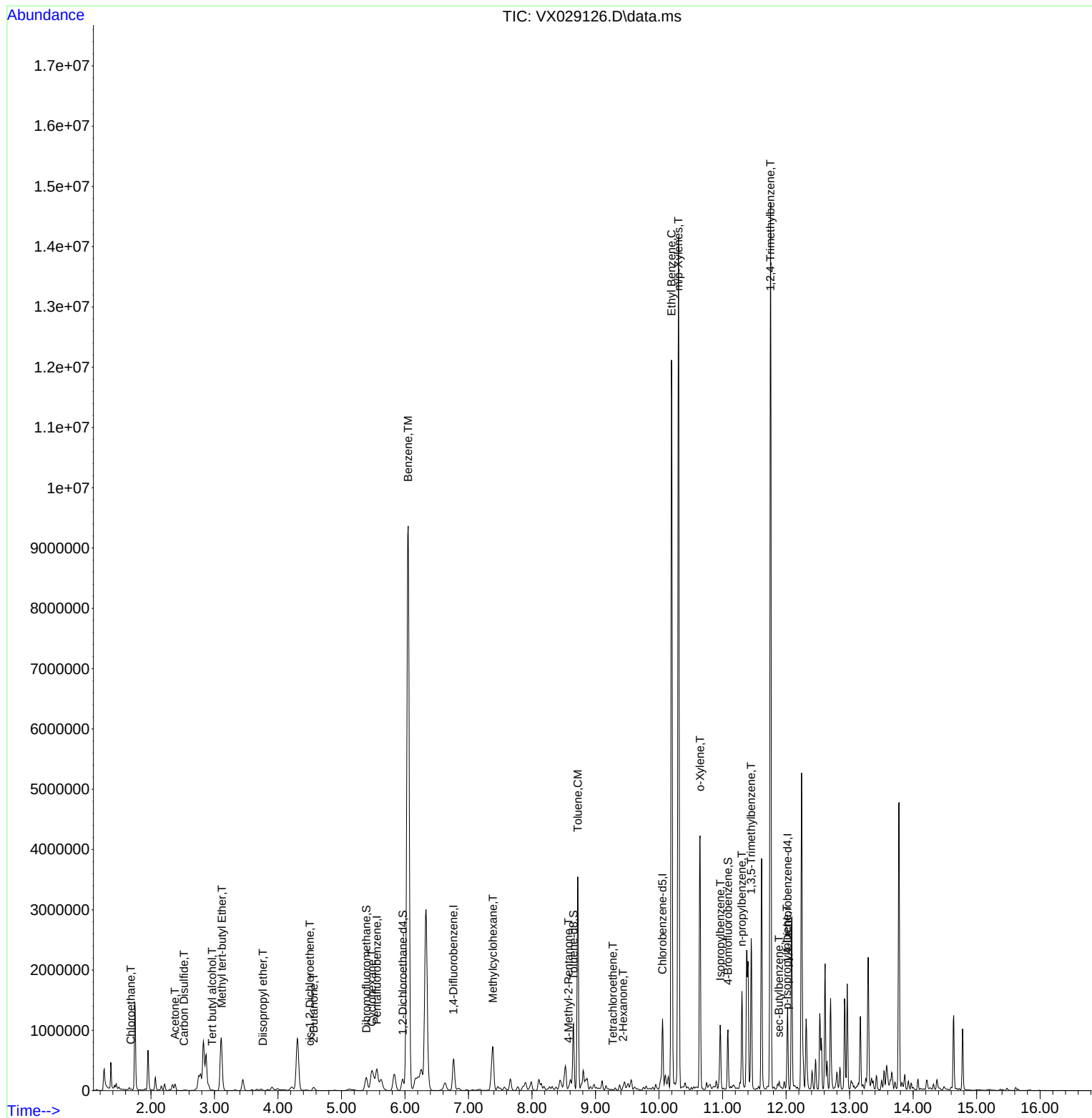
Internal Standards						
1) Pentafluorobenzene	5.556	168	342728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	580812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	296022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	185320	47.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.900%		
35) Dibromofluoromethane	5.391	113	188397	48.834	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.660%		
50) Toluene-d8	8.653	98	693461	49.147	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.085	95	273730	50.187	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.380%		
Target Compounds					Qvalue	
6) Chloroethane	1.685	64	30026	11.444	ug/l #	73
11) Tert butyl alcohol	2.965	59	11536	12.885	ug/l #	72
16) Acetone	2.380	43	108560	71.335	ug/l	99
17) Carbon Disulfide	2.520	76	17215	2.032	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	268288	25.599	ug/l #	1
22) Diisopropyl ether	3.764	45	4009	0.432	ug/l #	83
25) 2-Butanone	4.562	43	91823	37.404	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	1135	0.273	ug/l	87
31) Cyclohexane	5.477	56	240376	47.842	ug/l	99
39) Methylcyclohexane	7.385	83	346888	56.530	ug/l	95
40) Benzene	6.050	78	12000755	816.246	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	35128	7.017	ug/l #	84
52) Toluene	8.720	92	1354983	137.969	ug/l	95
59) 2-Hexanone	9.433	43	33439	8.583	ug/l	91
64) Tetrachloroethene	9.275	164	1486	0.345	ug/l #	87
67) Ethyl Benzene	10.195	91	6942881	351.304	ug/l #	85
68) m/p-Xylenes	10.305	106	3709518	467.377	ug/l	86
69) o-Xylene	10.646	106	1016187	129.549	ug/l	95
73) Isopropylbenzene	10.963	105	538303	27.060	ug/l	99
78) n-propylbenzene	11.305	91	960435	43.409	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1116960	65.586	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	6299097	370.551	ug/l	90
85) sec-Butylbenzene	11.890	105	55557m	2.719	ug/l	
86) p-Isopropyltoluene	12.012	119	39985	2.238	ug/l #	77

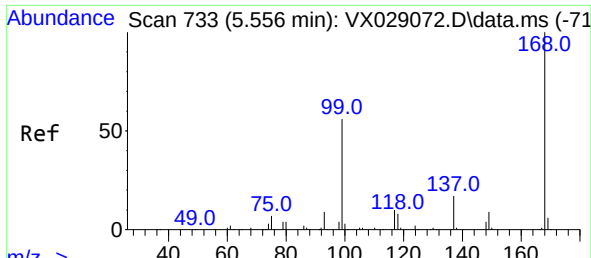
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 01 04:45:42 2022
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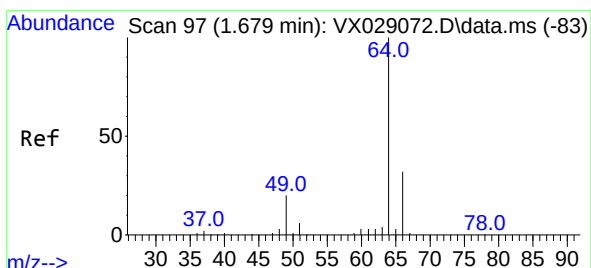
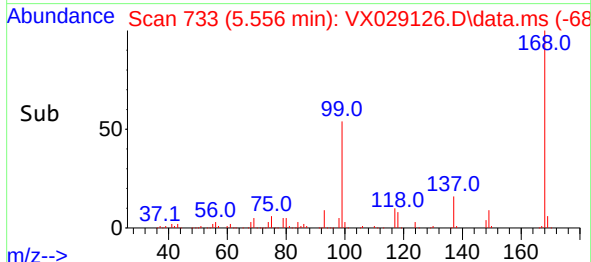
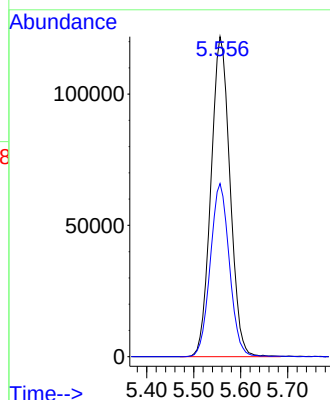
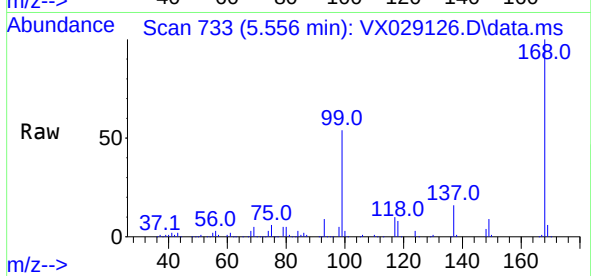




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

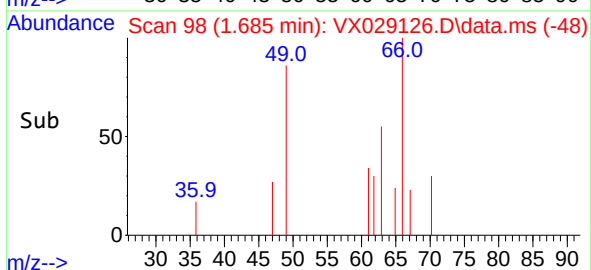
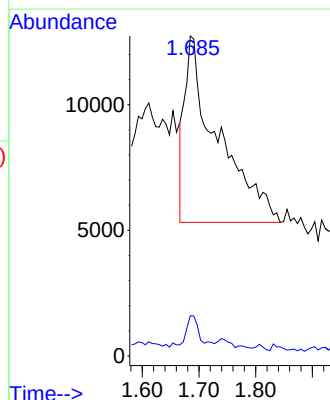
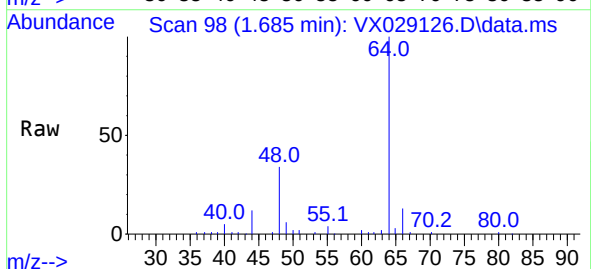
Instrument :
MSVOA_X
ClientSampleId :
MW-06

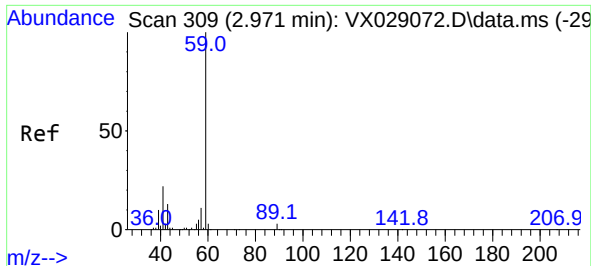
Tgt Ion:168 Resp: 342728
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#6
Chloroethane
Concen: 11.444 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion: 64 Resp: 30026
Ion Ratio Lower Upper
64 100
66 16.7 25.3 37.9#

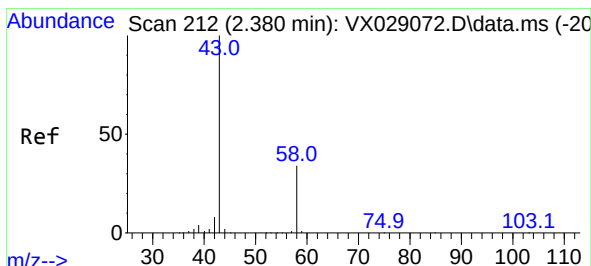
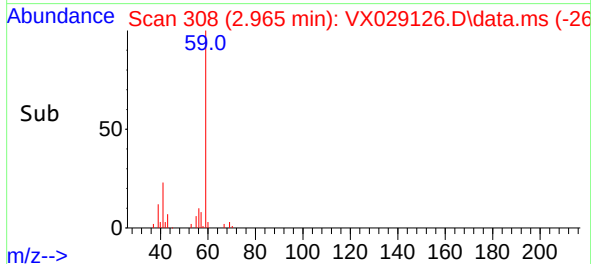
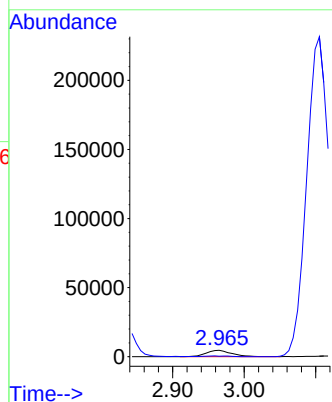
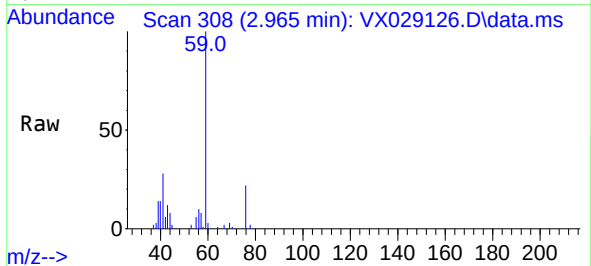




#11
Tert butyl alcohol
Concen: 12.885 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

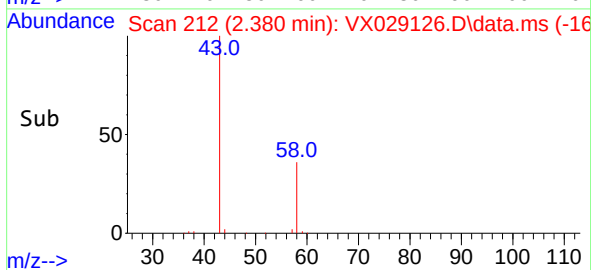
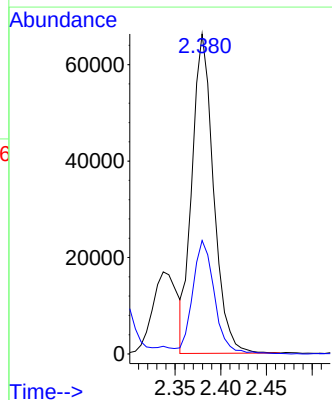
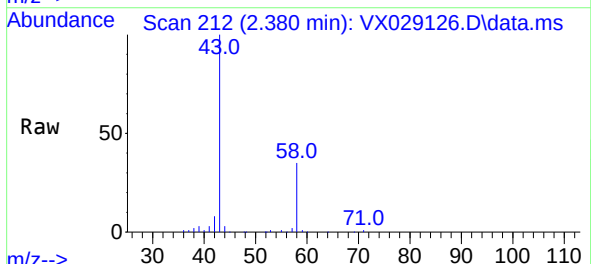
Instrument :
MSVOA_X
ClientSampleId :
MW-06

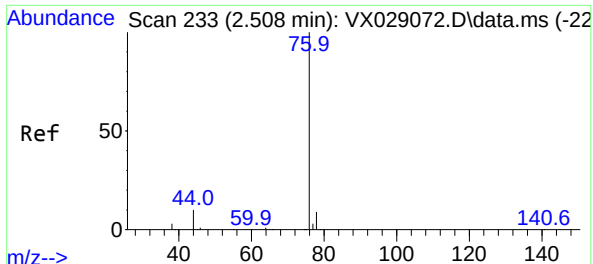
Tgt Ion: 59 Resp: 11536
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 71.335 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion: 43 Resp: 108560
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2

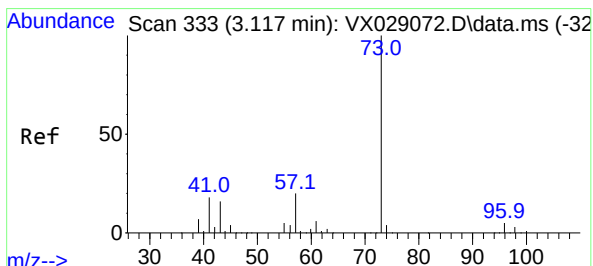
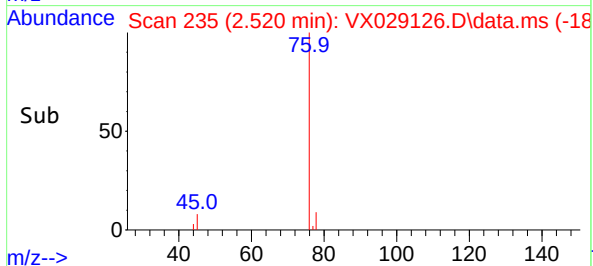
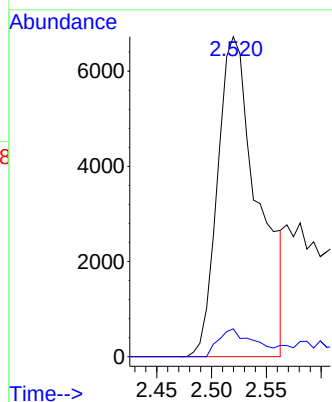
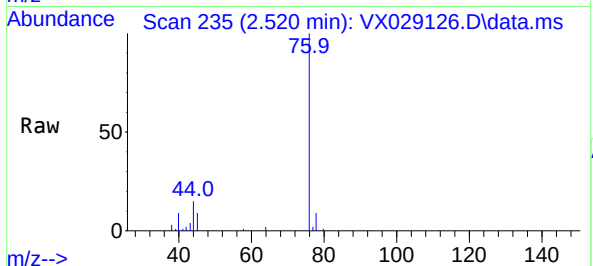




#17
Carbon Disulfide
Concen: 2.032 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

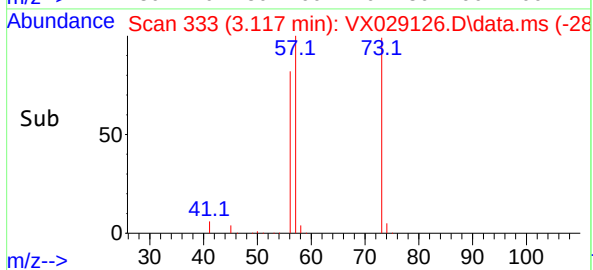
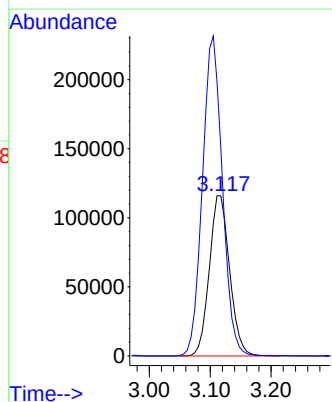
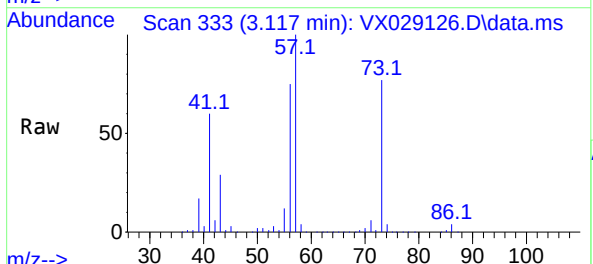
Instrument :
MSVOA_X
ClientSampleId :
MW-06

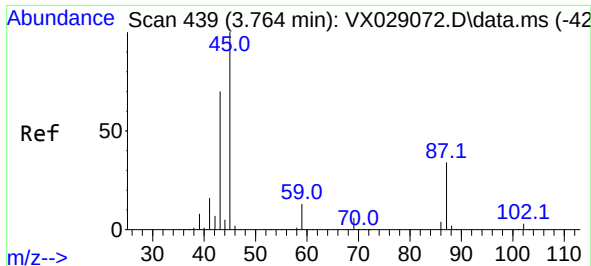
Tgt Ion: 76 Resp: 17215
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 25.599 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

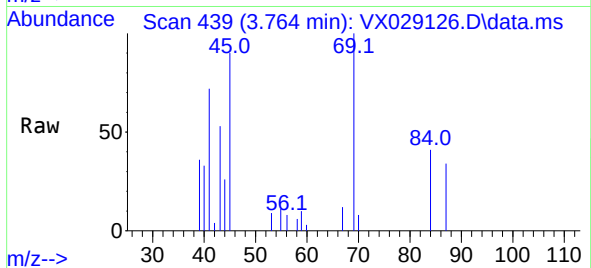
Tgt Ion: 73 Resp: 268288
Ion Ratio Lower Upper
73 100
57 129.8 16.8 25.2#





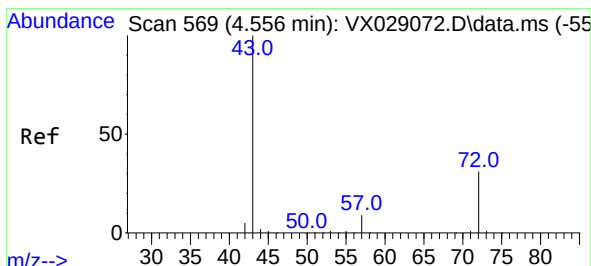
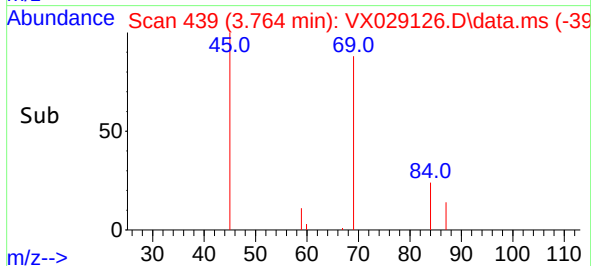
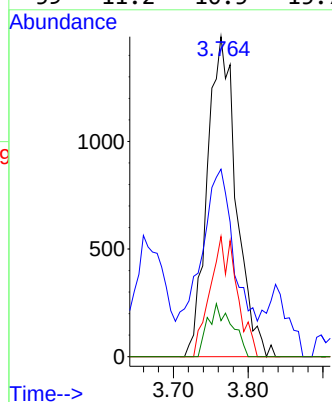
#22
Diisopropyl ether
Concen: 0.432 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-06



Tgt Ion: 45 Resp: 4009

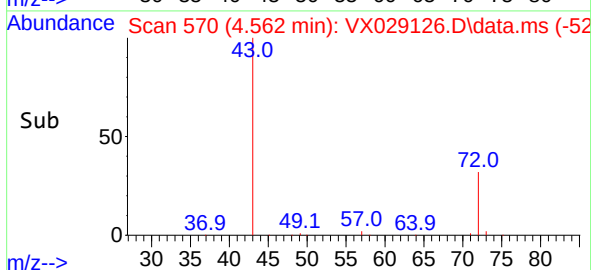
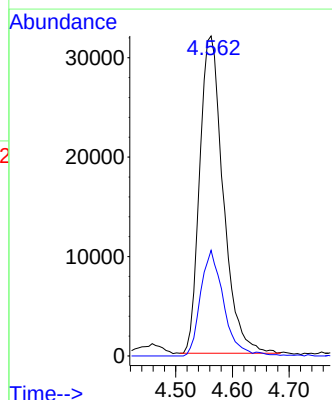
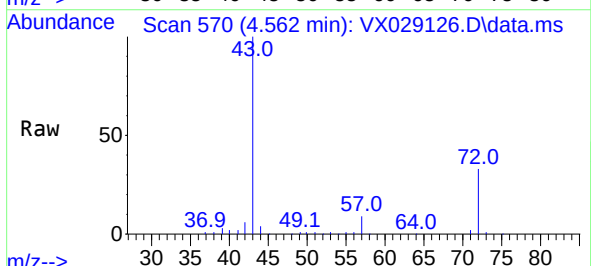
Ion	Ratio	Lower	Upper
45	100		
43	44.7	50.8	76.2#
87	37.5	26.6	39.8
59	11.2	10.5	15.7

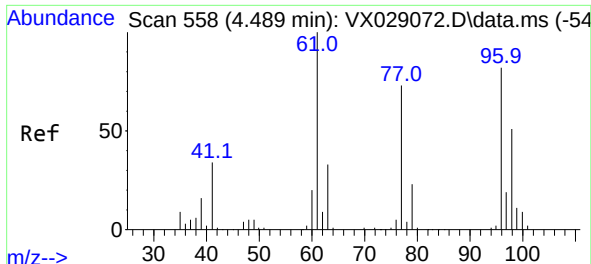


#25
2-Butanone
Concen: 37.404 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion: 43 Resp: 91823

Ion	Ratio	Lower	Upper
43	100		
72	33.3	24.4	36.6



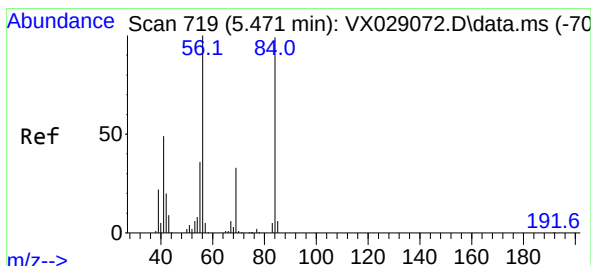
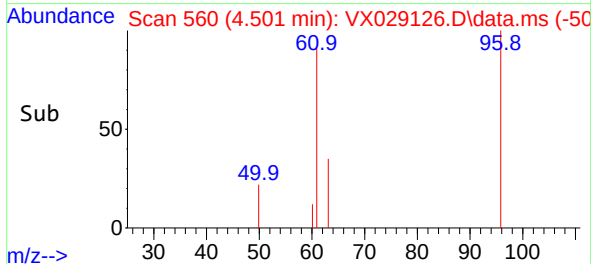
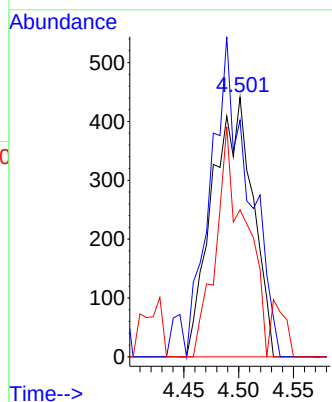
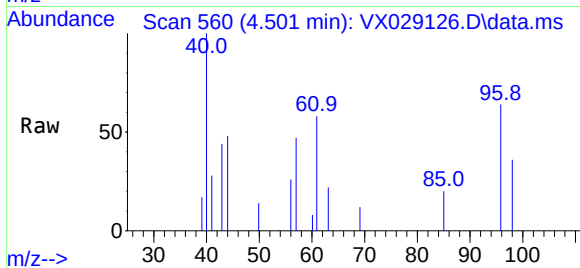


#27
 cis-1,2-Dichloroethene
 Concen: 0.273 ug/l
 RT: 4.501 min Scan# 50
 Delta R.T. 0.012 min
 Lab File: VX029126.D
 Acq: 01 Jun 2022 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Tgt Ion: 96 Resp: 1135

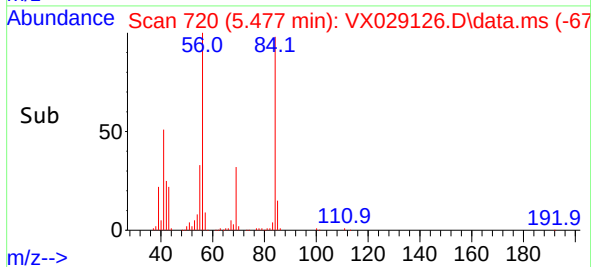
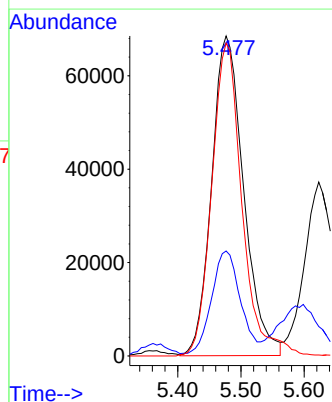
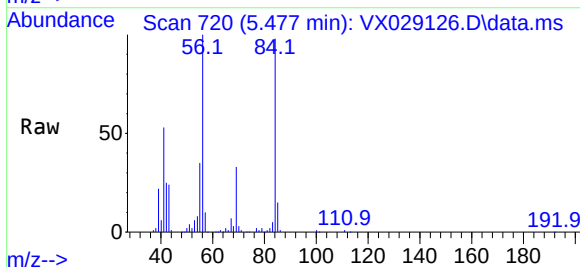
Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	283.8
98	64.8	0.0	129.8

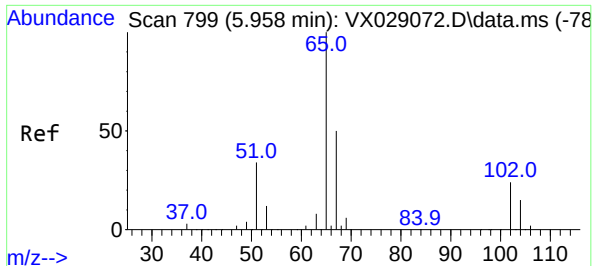


#31
 Cyclohexane
 Concen: 47.842 ug/l
 RT: 5.477 min Scan# 720
 Delta R.T. 0.006 min
 Lab File: VX029126.D
 Acq: 01 Jun 2022 18:17

Tgt Ion: 56 Resp: 240376

Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.7	40.1
84	97.7	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 47.951 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029126.D

Acq: 01 Jun 2022 18:17

Instrument :

MSVOA_X

ClientSampleId :

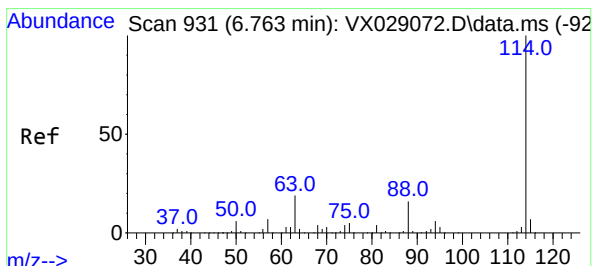
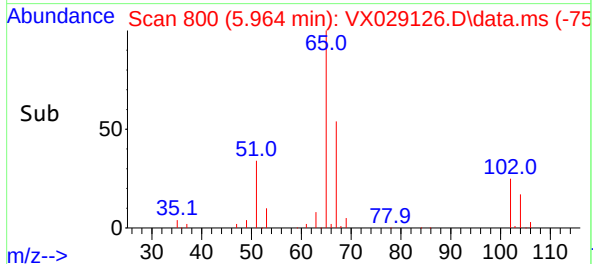
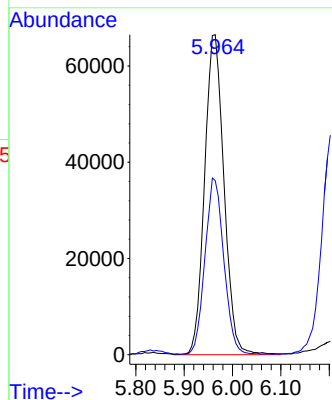
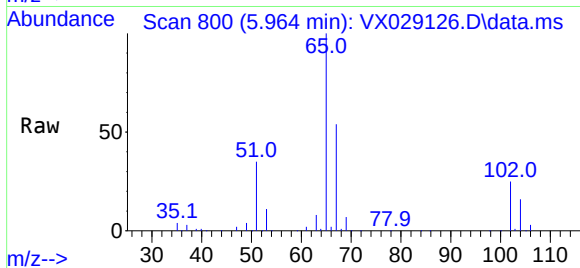
MW-06

Tgt Ion: 65 Resp: 185320

Ion Ratio Lower Upper

65 100

67 53.4 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: VX029126.D

Acq: 01 Jun 2022 18:17

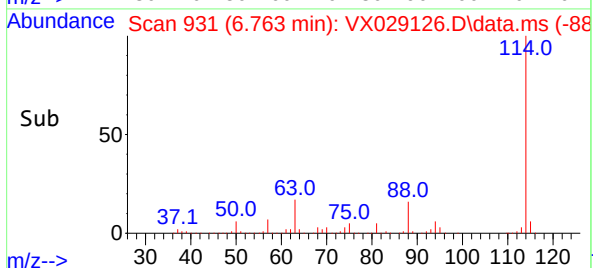
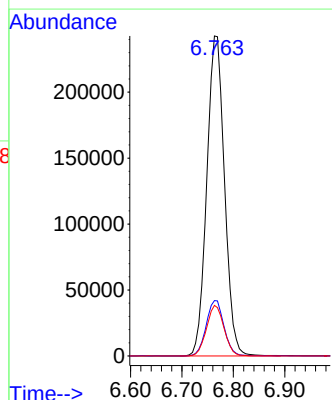
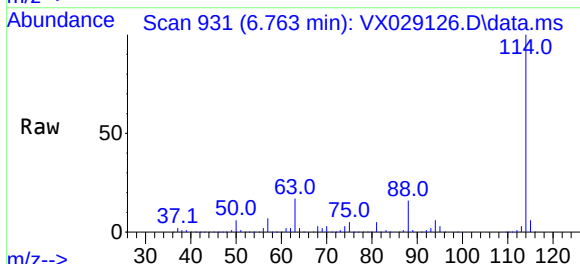
Tgt Ion: 114 Resp: 580812

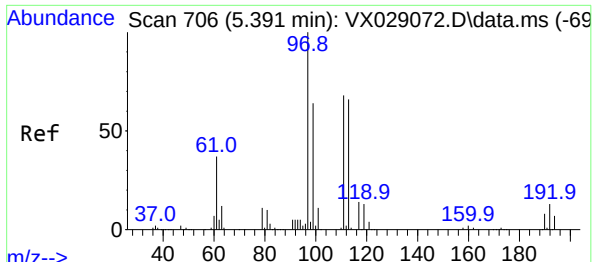
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

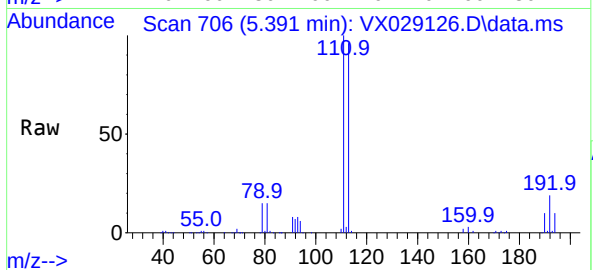
88 15.8 0.0 32.4



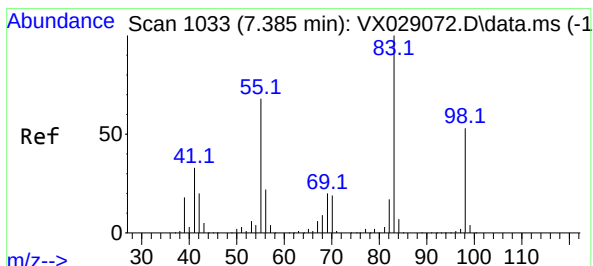
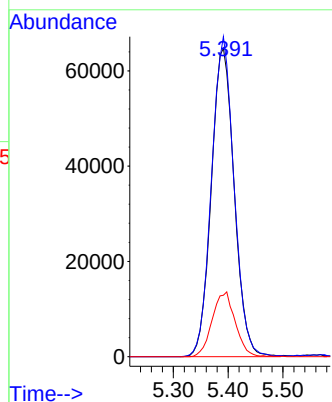
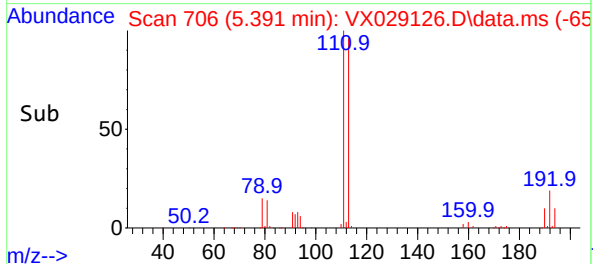


#35
Dibromofluoromethane
Concen: 48.834 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

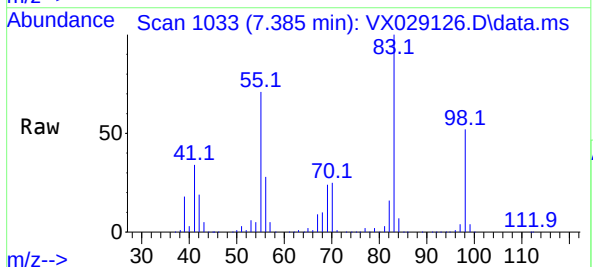
Instrument :
MSVOA_X
ClientSampleId :
MW-06



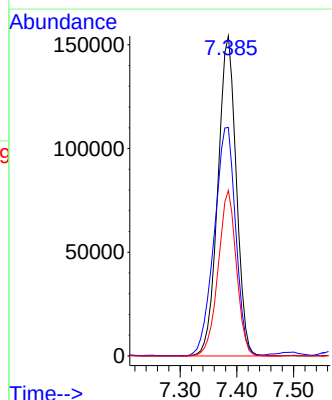
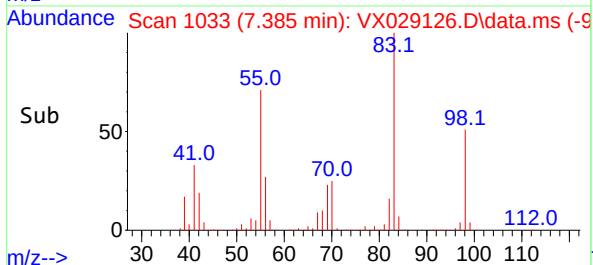
Tgt Ion:113 Resp: 188397
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 21.1 16.9 25.3

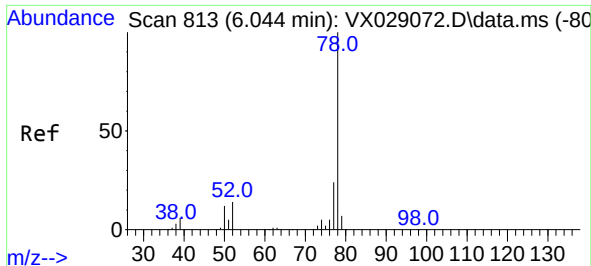


#39
Methylcyclohexane
Concen: 56.530 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17



Tgt Ion: 83 Resp: 346888
Ion Ratio Lower Upper
83 100
55 71.3 54.6 81.8
98 51.7 37.4 56.2

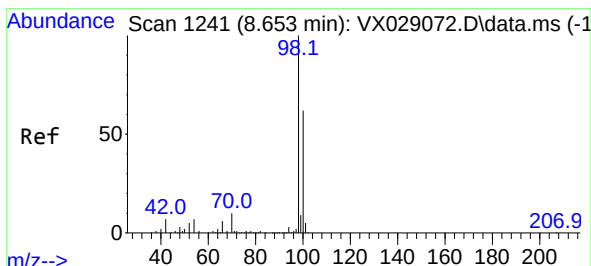
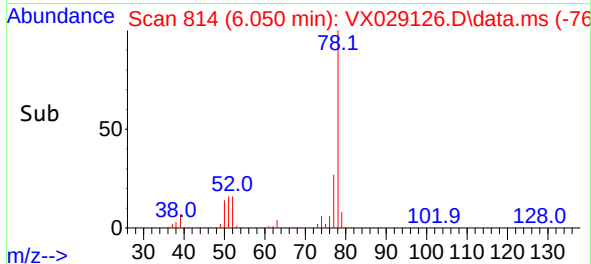
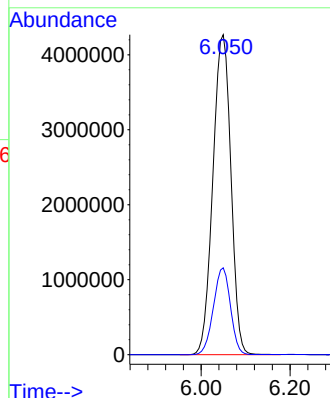
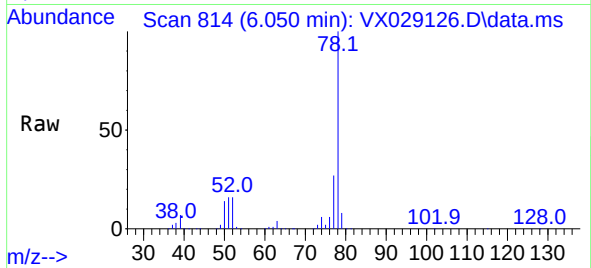




#40
Benzene
Concen: 816.246 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

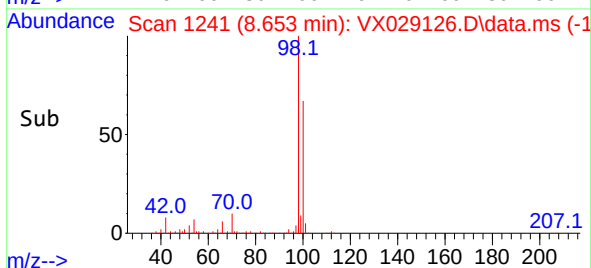
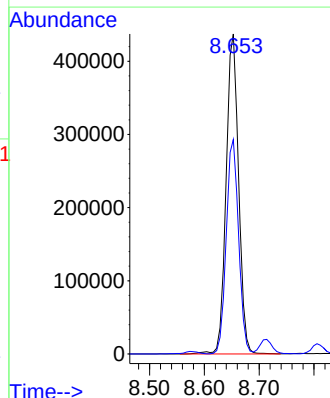
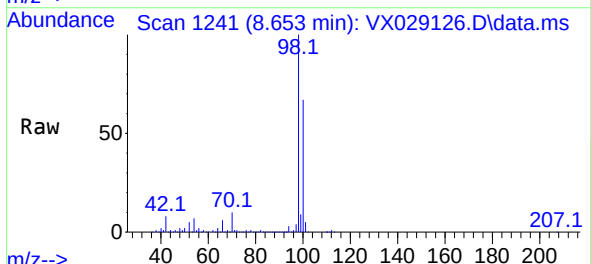
Instrument :
MSVOA_X
ClientSampleId :
MW-06

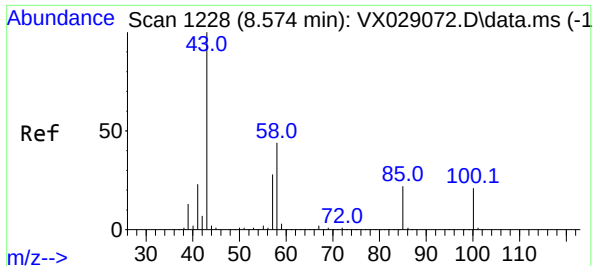
Tgt Ion: 78 Resp:12000755
Ion Ratio Lower Upper
78 100
77 27.1 19.3 28.9



#50
Toluene-d8
Concen: 49.147 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion: 98 Resp: 693461
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

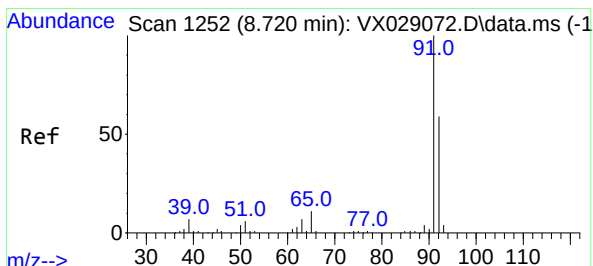
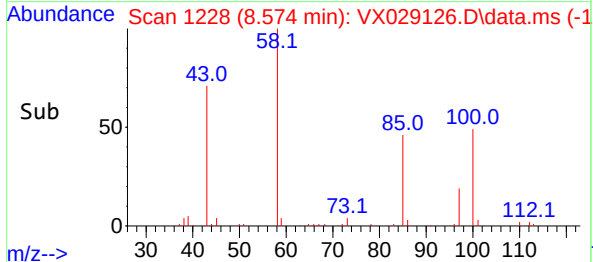
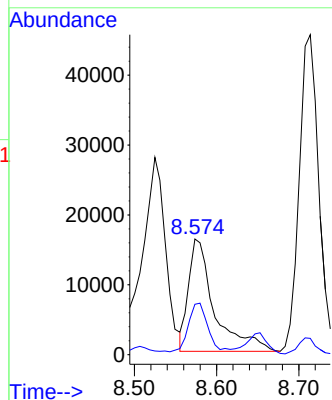
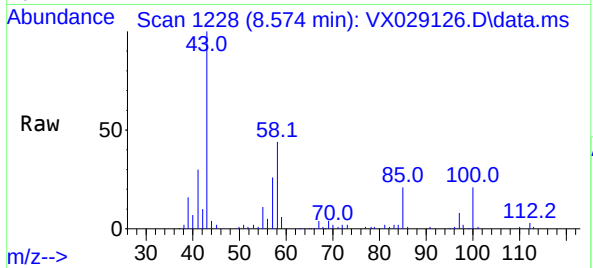




#51
4-Methyl-2-Pentanone
Concen: 7.017 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

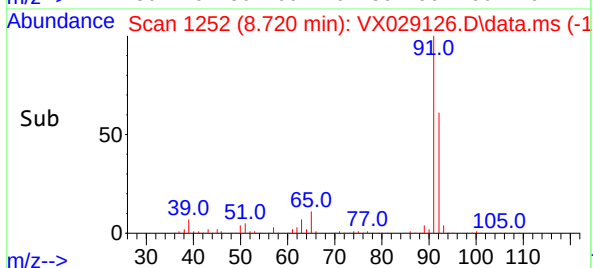
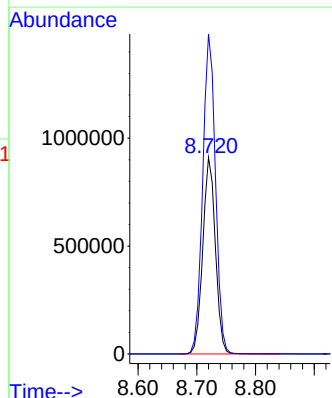
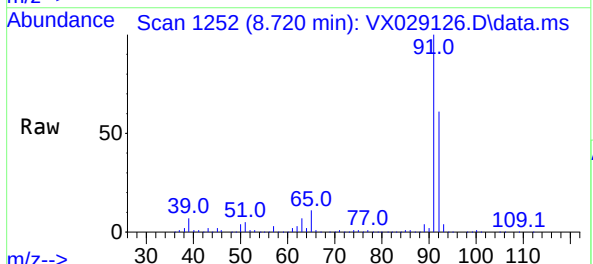
Instrument :
MSVOA_X
ClientSampleId :
MW-06

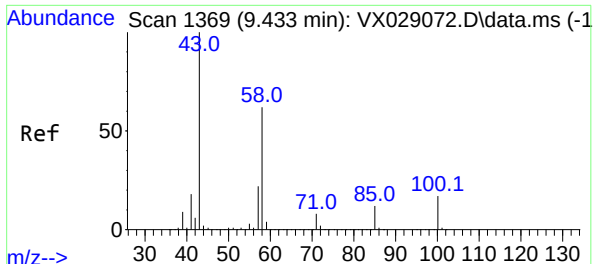
Tgt Ion: 43 Resp: 35128
Ion Ratio Lower Upper
43 100
58 34.6 36.1 54.1#



#52
Toluene
Concen: 137.969 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion: 92 Resp: 1354983
Ion Ratio Lower Upper
92 100
91 165.1 137.5 206.3

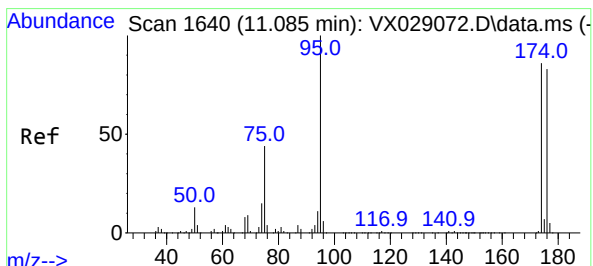
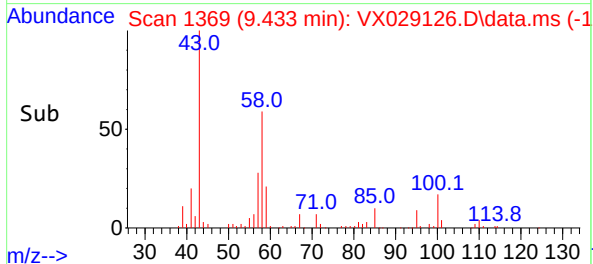
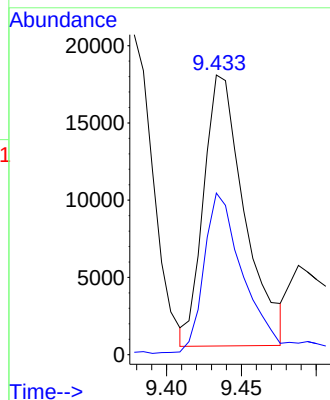
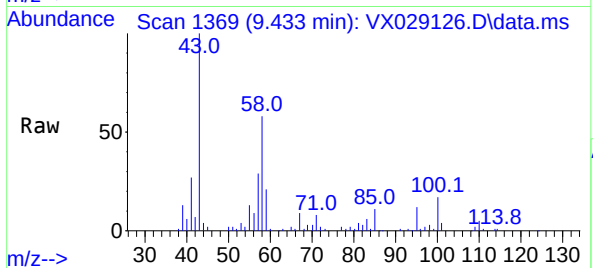




#59
2-Hexanone
Concen: 8.583 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

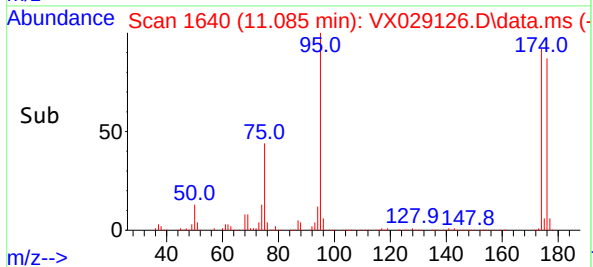
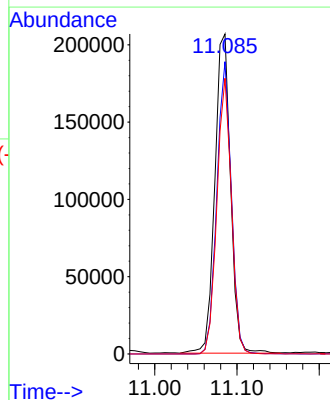
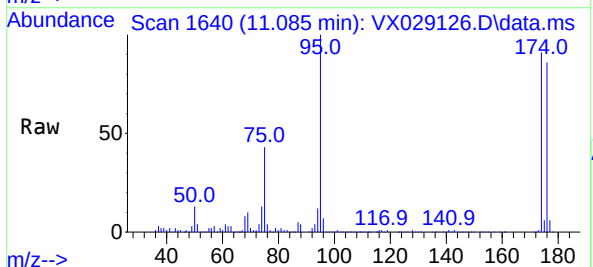
Instrument :
MSVOA_X
ClientSampleId :
MW-06

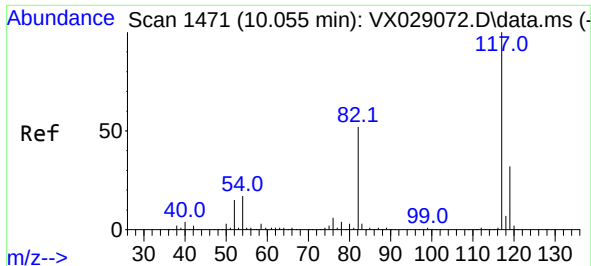
Tgt Ion: 43 Resp: 33439
Ion Ratio Lower Upper
43 100
58 56.5 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 50.187 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion: 95 Resp: 273730
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 79.8 0.0 155.0

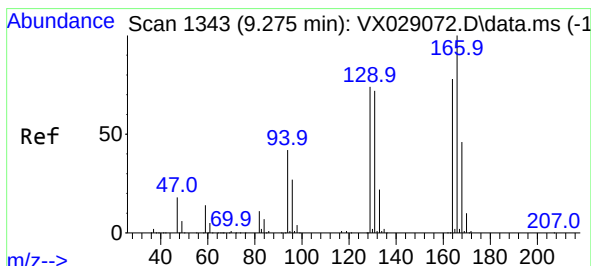
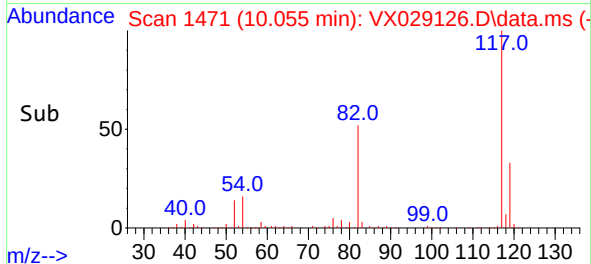
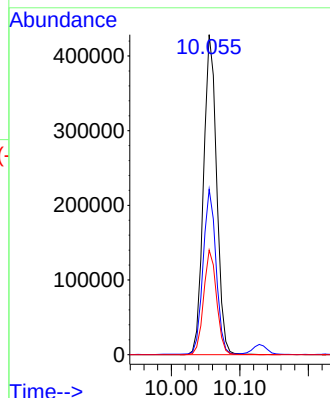
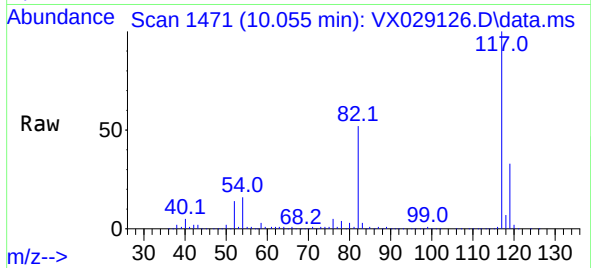




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

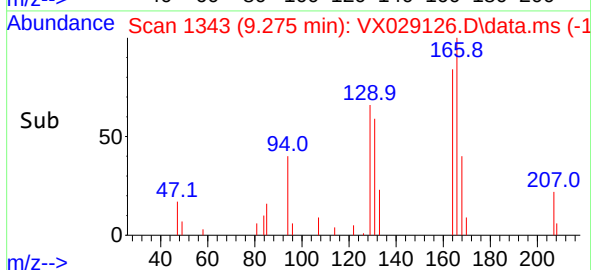
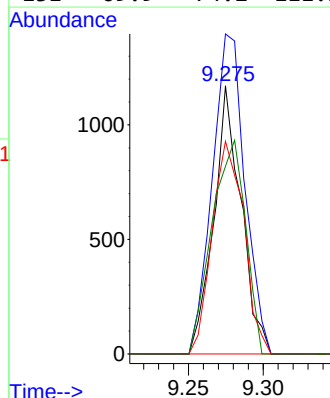
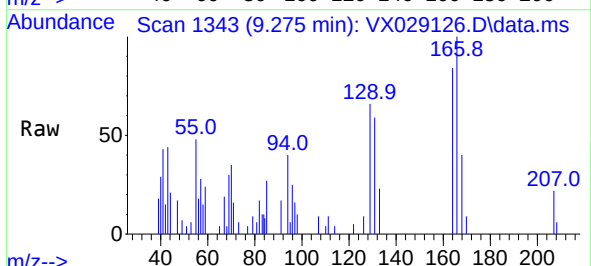
Instrument :
MSVOA_X
ClientSampleId :
MW-06

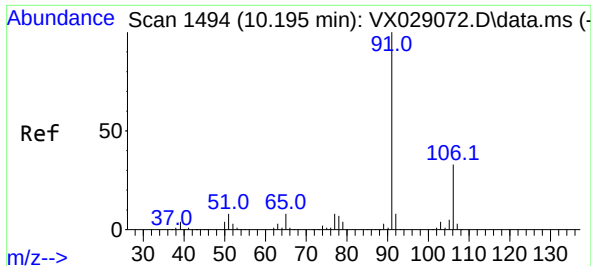
Tgt Ion:117 Resp: 572554
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.7 24.8 37.2



#64
Tetrachloroethene
Concen: 0.345 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion:164 Resp: 1486
Ion Ratio Lower Upper
164 100
166 119.3 101.2 151.8
129 79.2 73.0 109.4
131 69.9 74.2 111.2#





#67

Ethyl Benzene

Concen: 351.304 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029126.D

Acq: 01 Jun 2022 18:17

Instrument :

MSVOA_X

ClientSampleId :

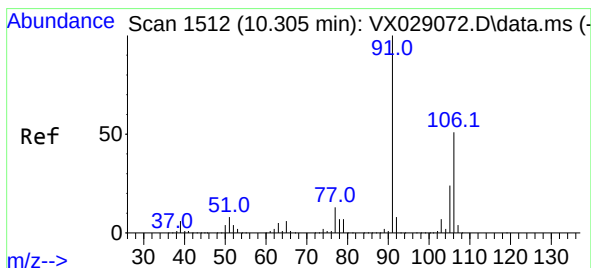
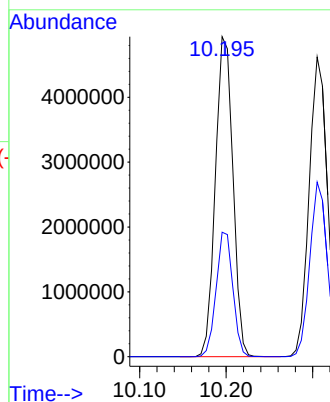
MW-06

Tgt Ion: 91 Resp: 6942881

Ion Ratio Lower Upper

91 100

106 38.9 24.6 36.8#



#68

m/p-Xylenes

Concen: 467.377 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029126.D

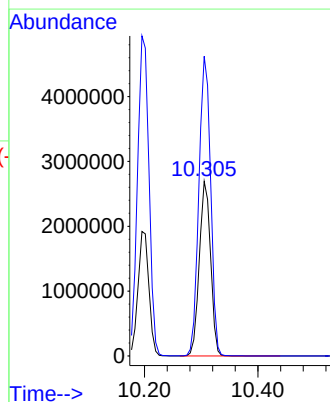
Acq: 01 Jun 2022 18:17

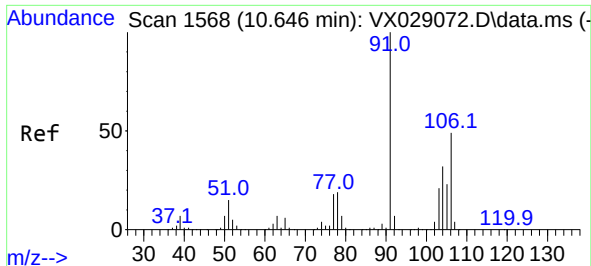
Tgt Ion:106 Resp: 3709518

Ion Ratio Lower Upper

106 100

91 179.2 160.4 240.6

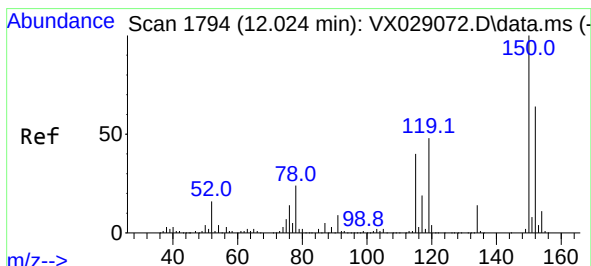
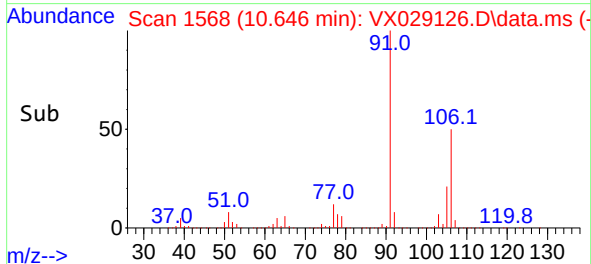
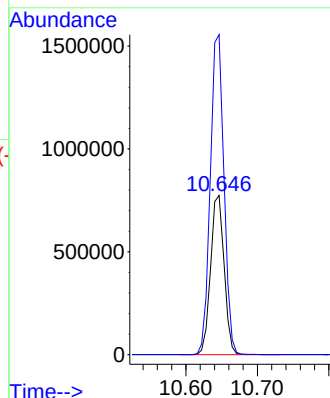
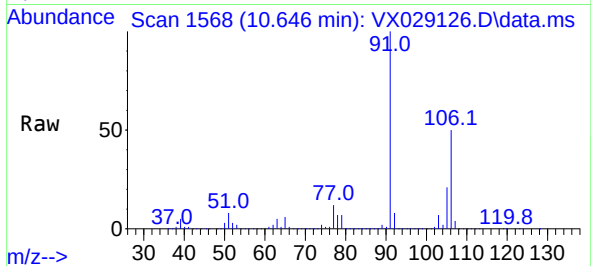




#69
o-Xylene
Concen: 129.549 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

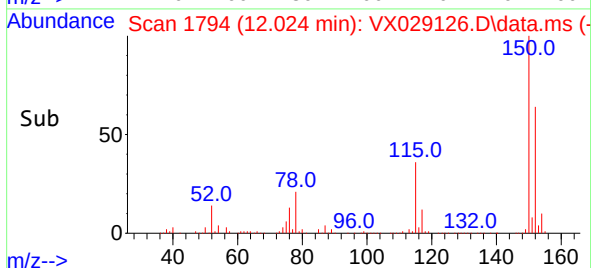
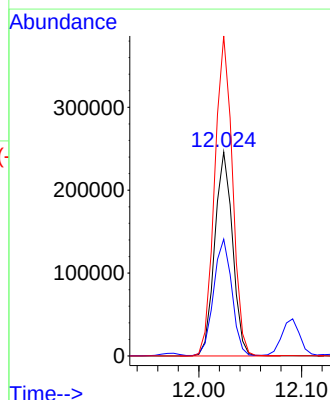
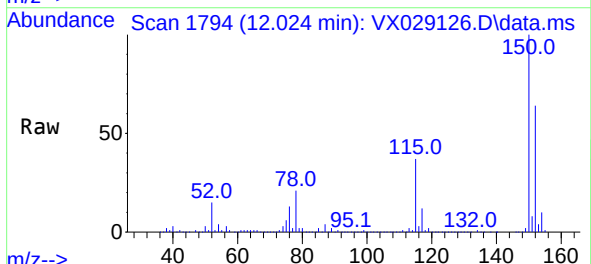
Instrument :
MSVOA_X
ClientSampleId :
MW-06

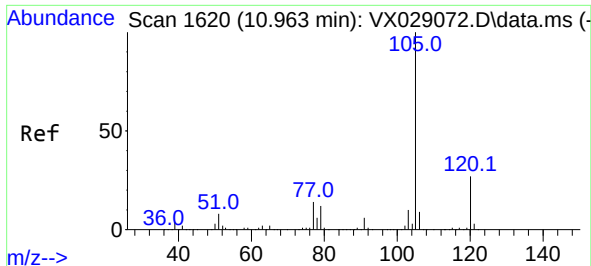
Tgt Ion:106 Resp: 1016187
Ion Ratio Lower Upper
106 100
91 203.5 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion:152 Resp: 296022
Ion Ratio Lower Upper
152 100
115 58.0 37.5 112.7
150 157.0 0.0 338.2

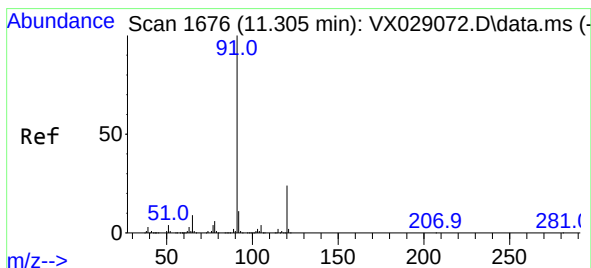
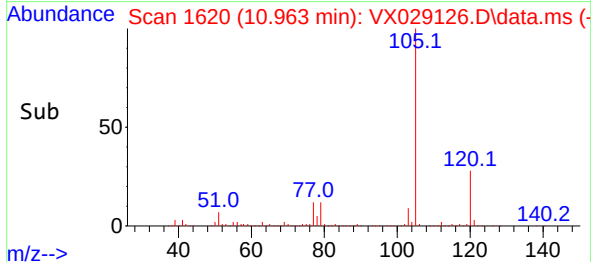
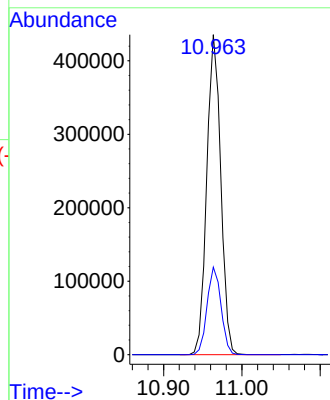
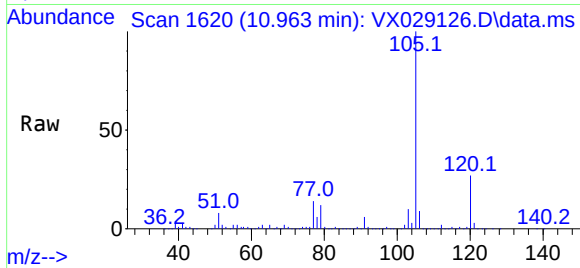




#73
Isopropylbenzene
Concen: 27.060 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

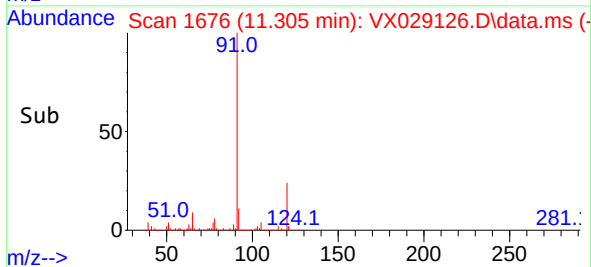
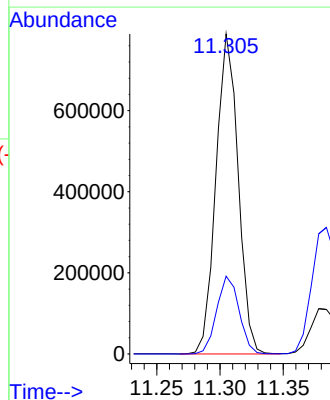
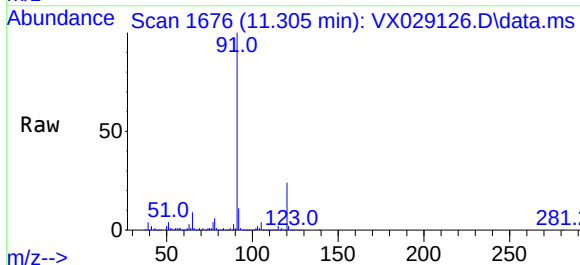
Instrument :
MSVOA_X
ClientSampleId :
MW-06

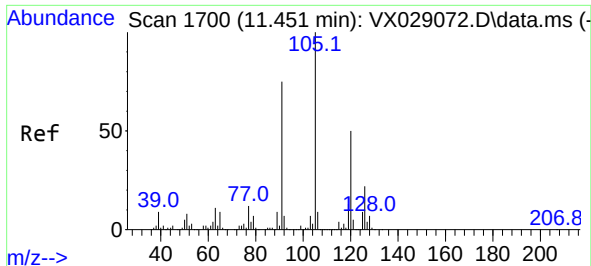
Tgt Ion:105 Resp: 538303
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5



#78
n-propylbenzene
Concen: 43.409 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion: 91 Resp: 960435
Ion Ratio Lower Upper
91 100
120 24.5 11.6 34.8

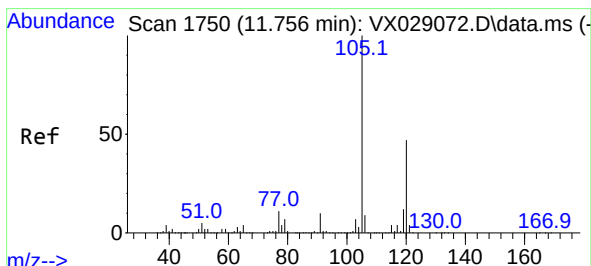
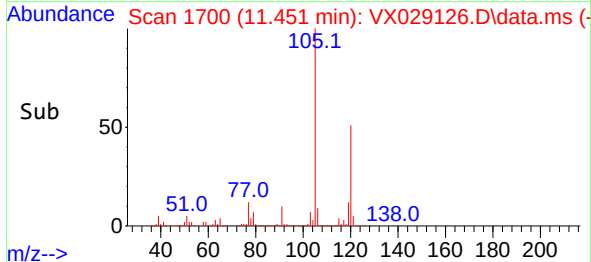
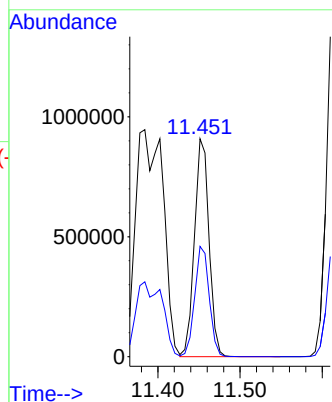
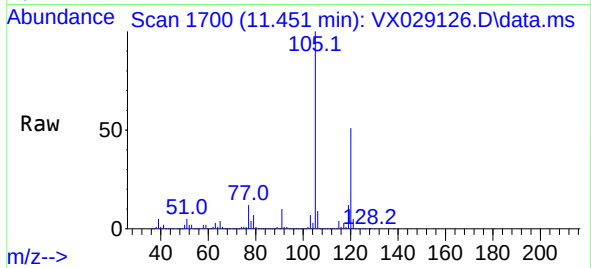




#80
1,3,5-Trimethylbenzene
Concen: 65.586 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

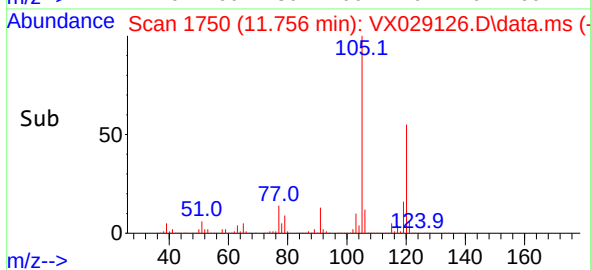
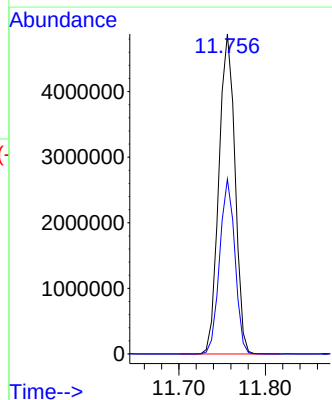
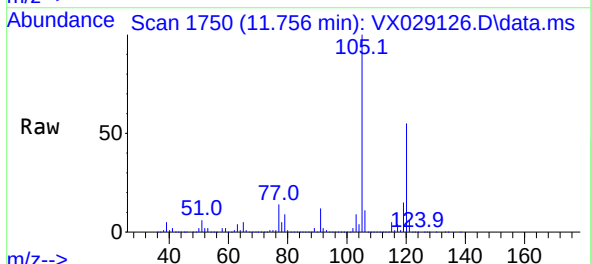
Instrument :
MSVOA_X
ClientSampleId :
MW-06

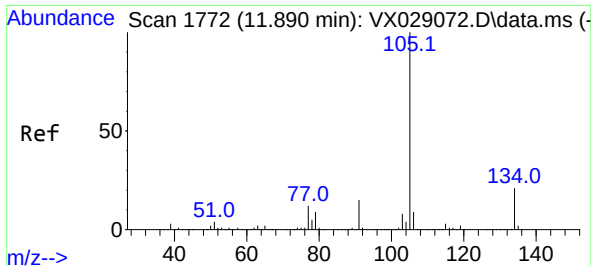
Tgt Ion:105 Resp: 1116960
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 370.551 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029126.D
Acq: 01 Jun 2022 18:17

Tgt Ion:105 Resp: 6299097
Ion Ratio Lower Upper
105 100
120 51.6 22.6 67.8

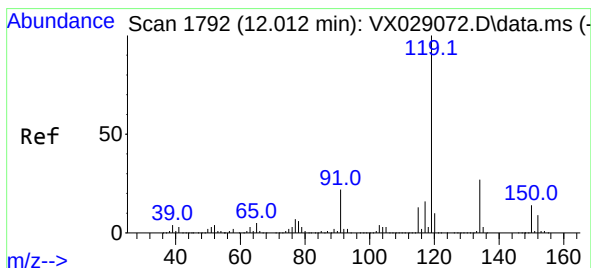
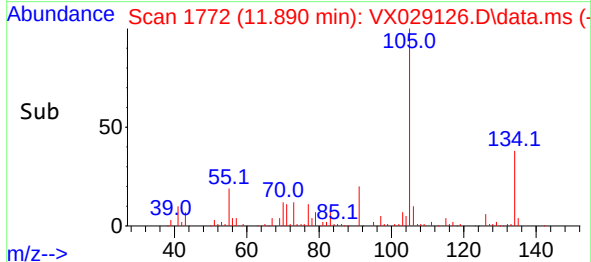
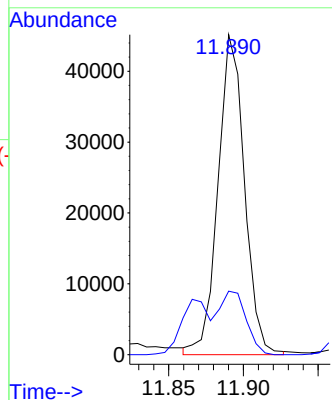
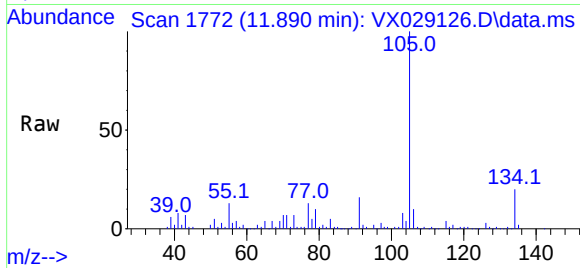




#85
 sec-Butylbenzene
 Concen: 2.719 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029126.D
 Acq: 01 Jun 2022 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Tgt Ion:105 Resp: 55557
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 2.238 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029126.D
 Acq: 01 Jun 2022 18:17

Tgt Ion:119 Resp: 39985
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 0.0 11.3 33.9#

