

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022302.D
 Acq On : 01 Jun 2021 19:44
 Operator : JC/MD
 Sample : M2556-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Quant Time: Jun 02 03:24:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

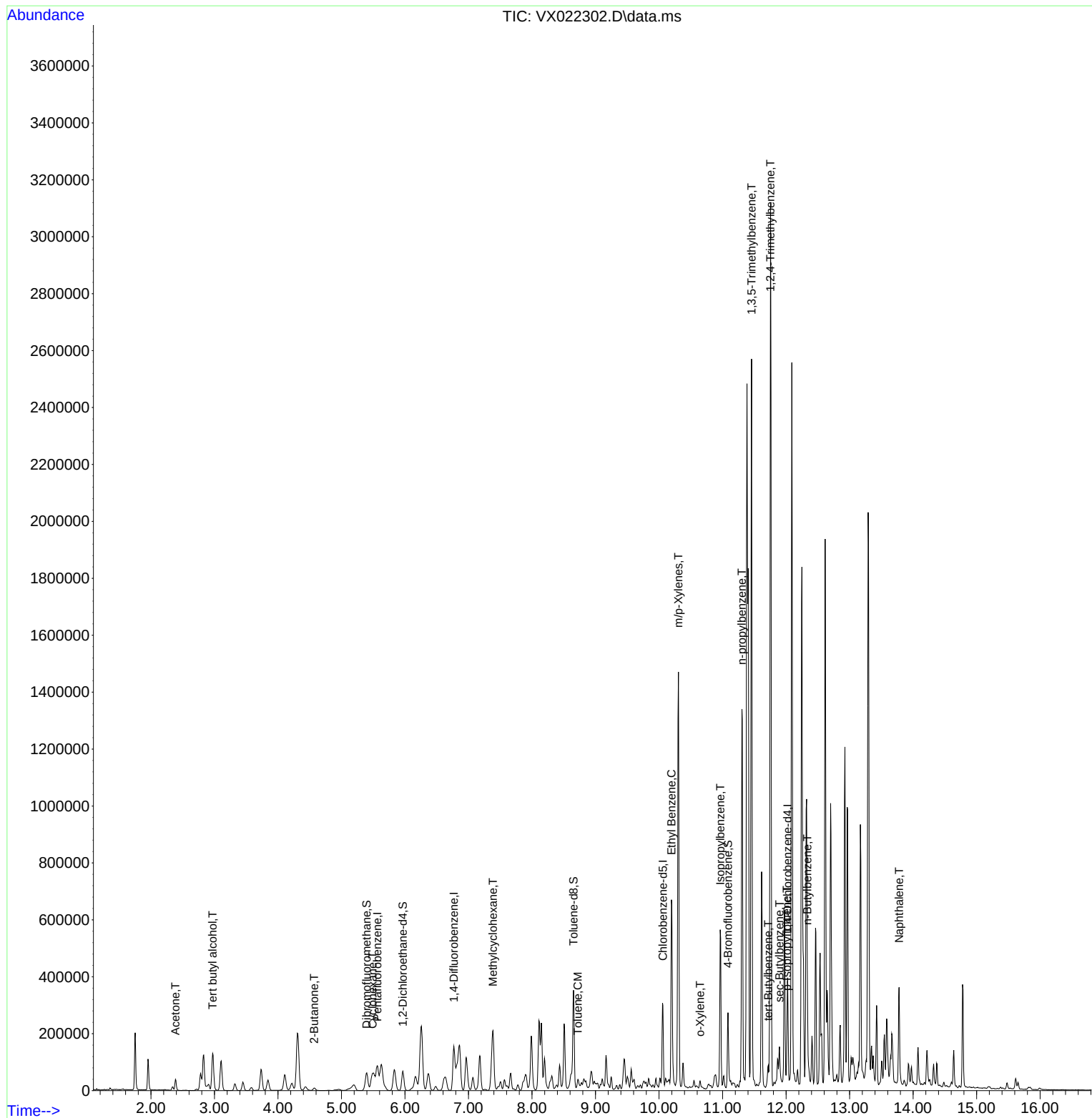
Internal Standards						
1) Pentafluorobenzene	5.562	168	70153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	149143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	133810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59448	54.93	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.86%			
35) Dibromofluoromethane	5.397	113	46208	48.86	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.72%			
50) Toluene-d8	8.653	98	188844	51.83	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.66%			
62) 4-Bromofluorobenzene	11.085	95	69759	51.80	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.60%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	161186	651.23	ug/l	99
16) Acetone	2.386	43	40401	85.74	ug/l	91
25) 2-Butanone	4.568	43	15057	19.75	ug/l	98
31) Cyclohexane	5.489	56	42716	31.41	ug/l #	83
39) Methylcyclohexane	7.385	83	87774	56.12	ug/l	90
52) Toluene	8.720	92	11022	4.10	ug/l	96
67) Ethyl Benzene	10.195	91	390093	76.13	ug/l	100
68) m/p-Xylenes	10.305	106	332548	171.72	ug/l	98
69) o-Xylene	10.646	106	3883	2.06	ug/l	95
73) Isopropylbenzene	10.963	105	291150	58.68	ug/l	98
78) n-propylbenzene	11.305	91	861174	148.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1014674	246.75	ug/l	99
83) tert-Butylbenzene	11.719	119	25683	6.51	ug/l	81
84) 1,2,4-Trimethylbenzene	11.756	105	1285066	310.47	ug/l	99
85) sec-Butylbenzene	11.896	105	68040	13.58	ug/l	90
86) p-Isopropyltoluene	12.012	119	32455	7.67	ug/l	95
89) n-Butylbenzene	12.335	91	162653	41.54	ug/l #	36
95) Naphthalene	13.780	128	198150	43.22	ug/l	98

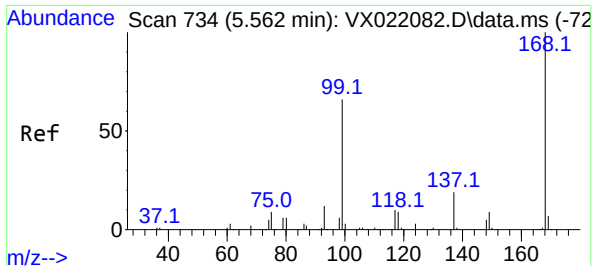
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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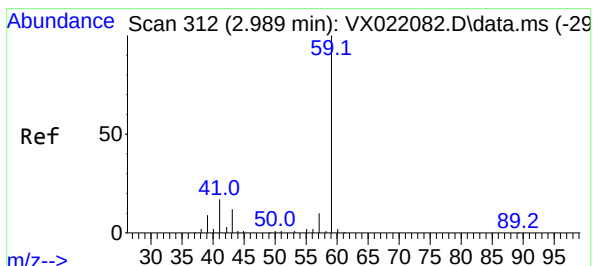
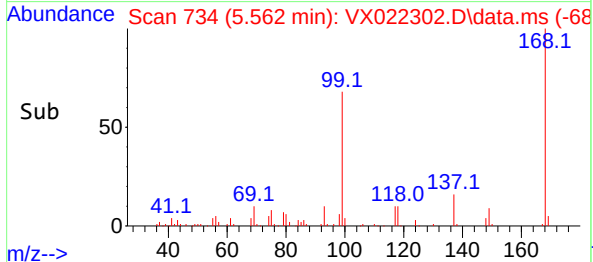
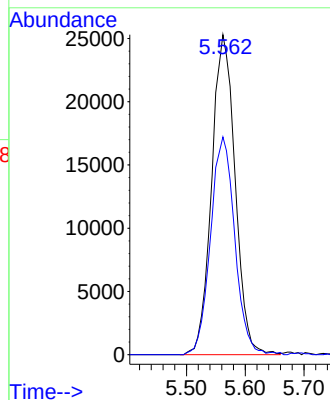
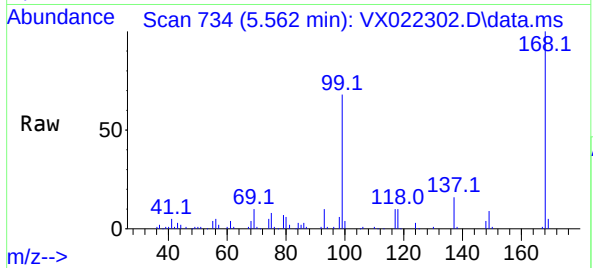




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

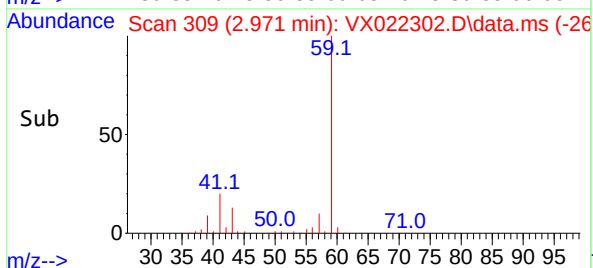
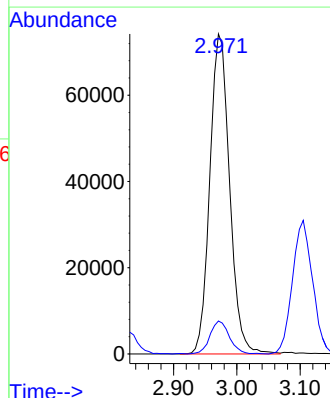
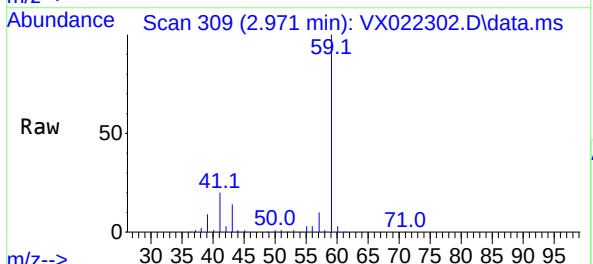
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

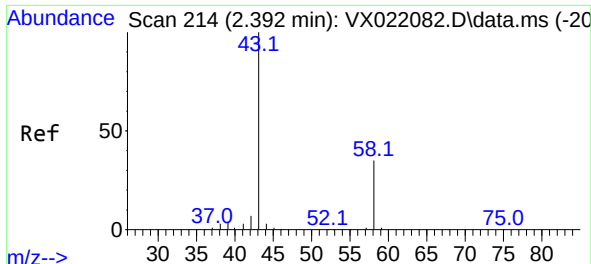
Tgt Ion:168 Resp: 70153
Ion Ratio Lower Upper
168 100
99 68.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 651.23 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion: 59 Resp: 161186
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

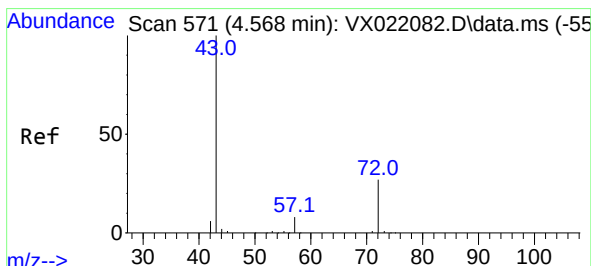
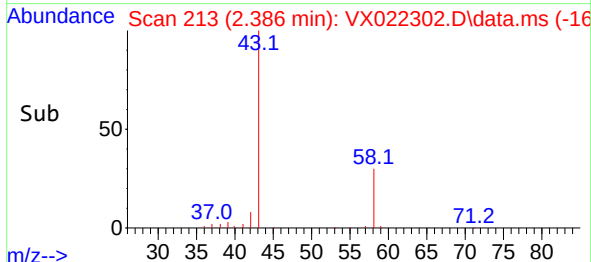
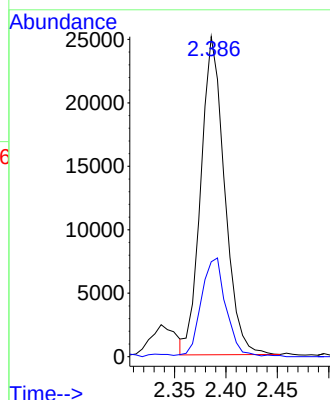
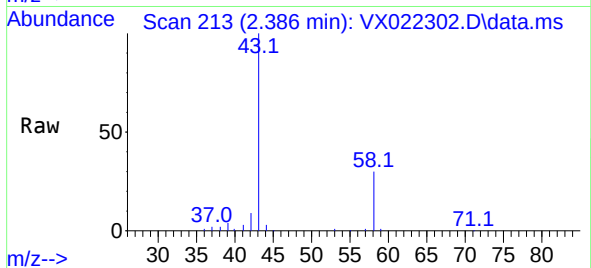




#16
Acetone
Concen: 85.74 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

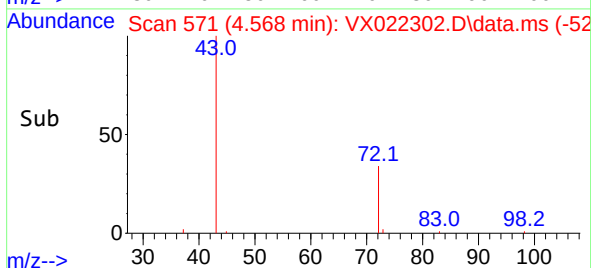
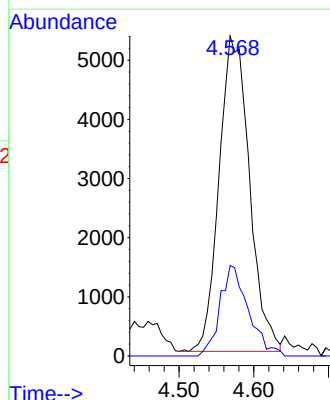
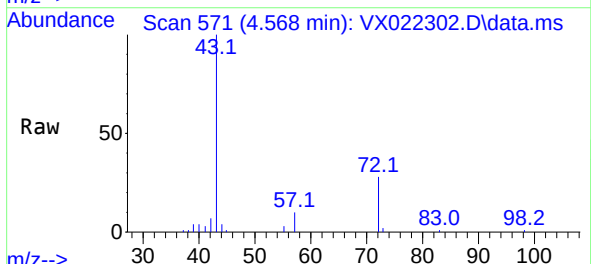
Instrument :
MSVOA_X
ClientSampled :
MW-5B

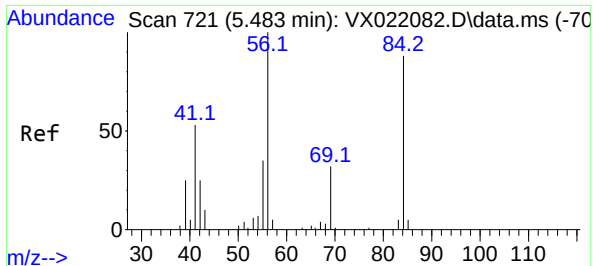
Tgt Ion: 43 Resp: 40401
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#25
2-Butanone
Concen: 19.75 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion: 43 Resp: 15057
Ion Ratio Lower Upper
43 100
72 28.7 23.7 35.5

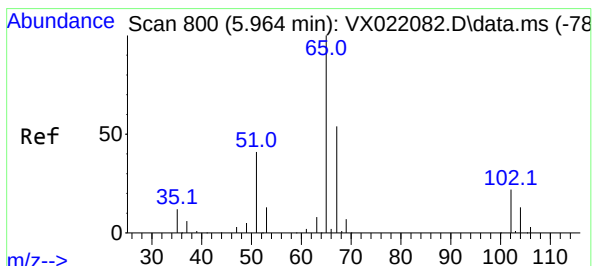
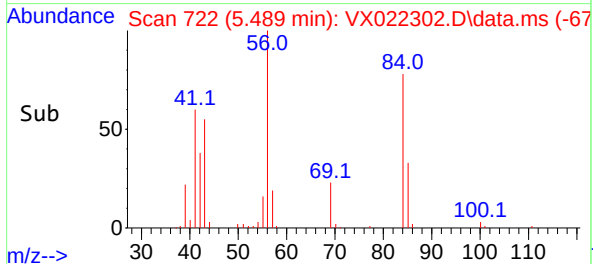
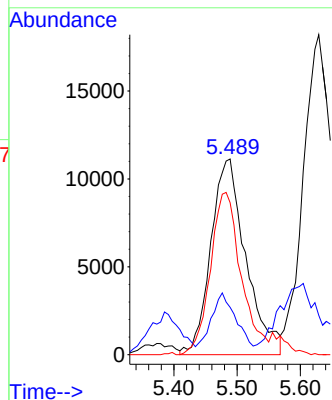
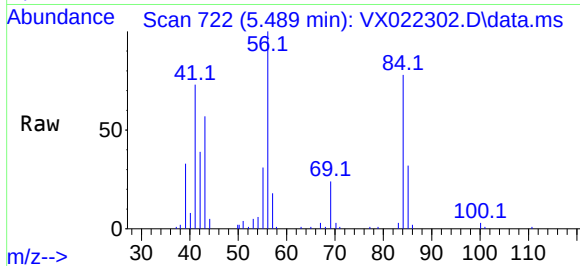




#31
Cyclohexane
Concen: 31.41 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

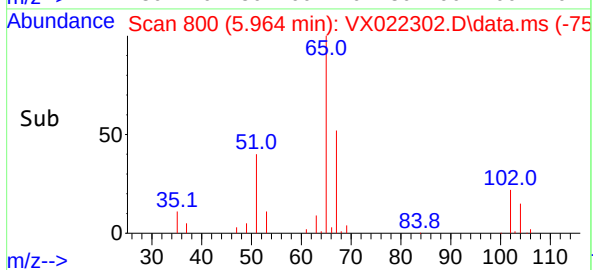
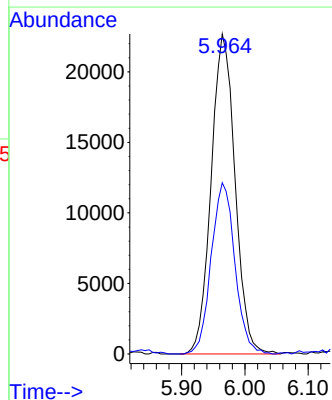
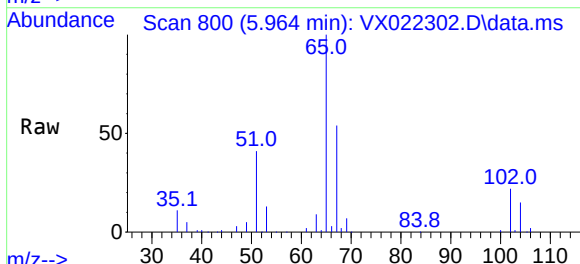
Instrument :
MSVOA_X
ClientSampled :
MW-5B

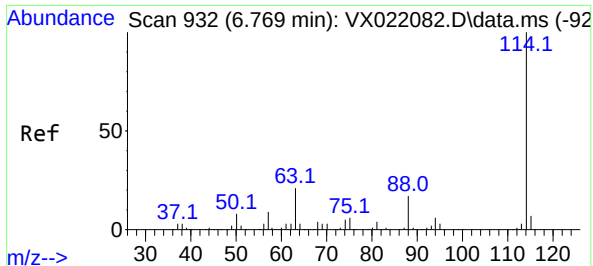
Tgt Ion: 56 Resp: 42716
Ion Ratio Lower Upper
56 100
69 11.6 25.3 37.9#
84 79.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.93 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion: 65 Resp: 59448
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

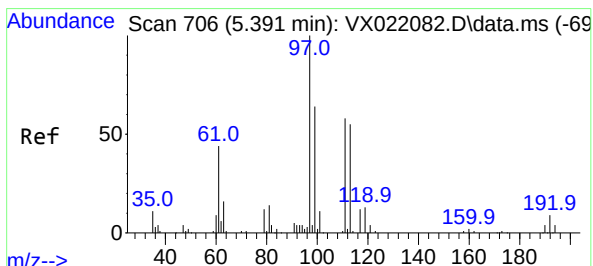
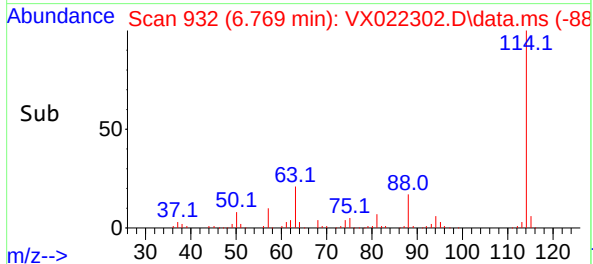
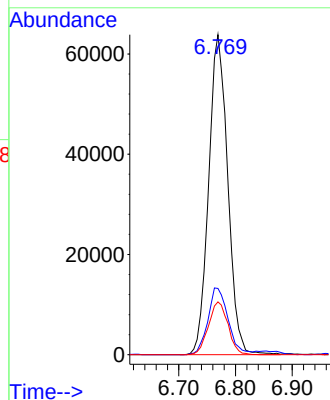
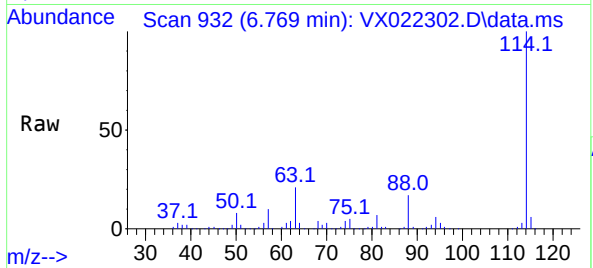




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

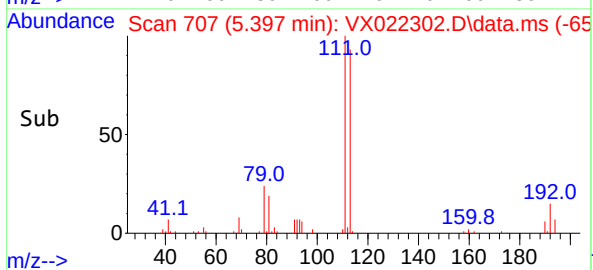
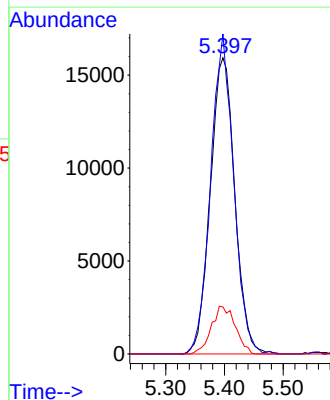
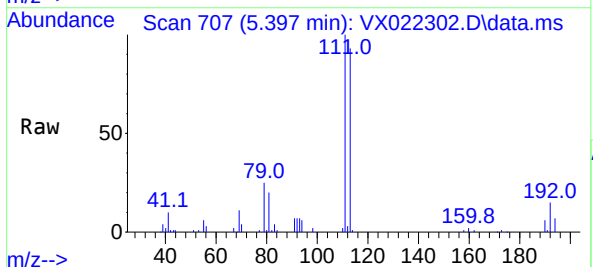
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

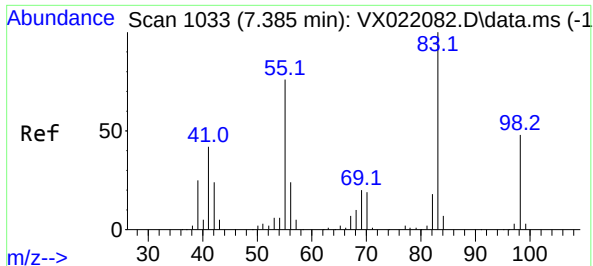
Tgt Ion:114 Resp: 149143
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.86 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion:113 Resp: 46208
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 15.8 16.7 25.1#





#39

Methylcyclohexane

Concen: 56.12 ug/l

RT: 7.385 min Scan# 1033

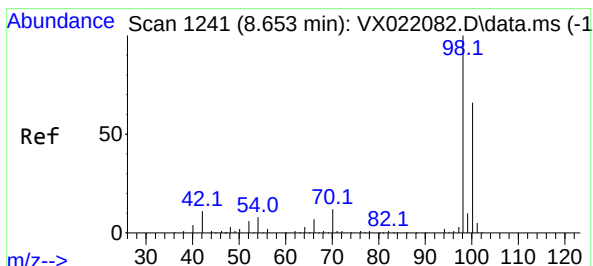
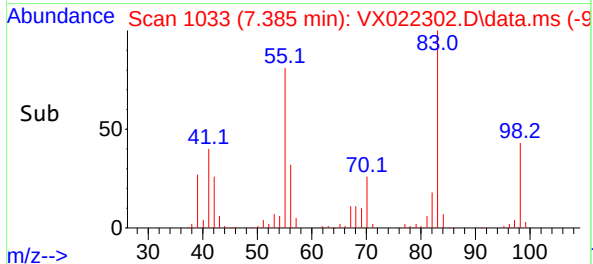
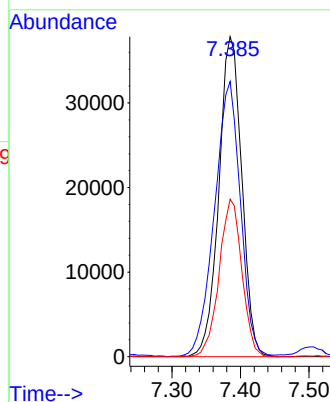
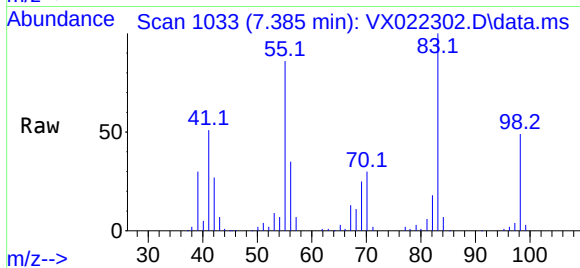
Delta R.T. -0.000 min

Lab File: VX022302.D

Acq: 01 Jun 2021 19:44

Tgt Ion: 83 Resp: 87774

Ion	Ratio	Lower	Upper
83	100		
55	85.8	58.9	88.3
98	49.3	38.1	57.1



#50

Toluene-d8

Concen: 51.83 ug/l

RT: 8.653 min Scan# 1241

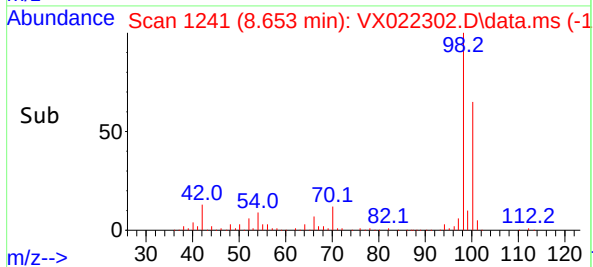
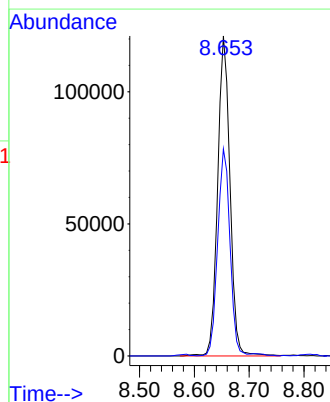
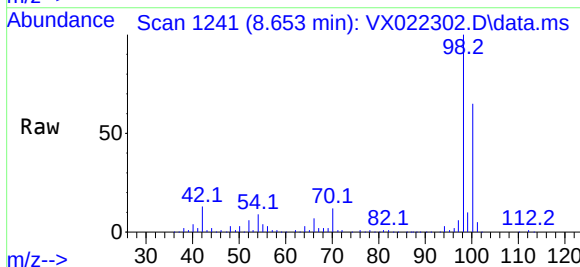
Delta R.T. -0.000 min

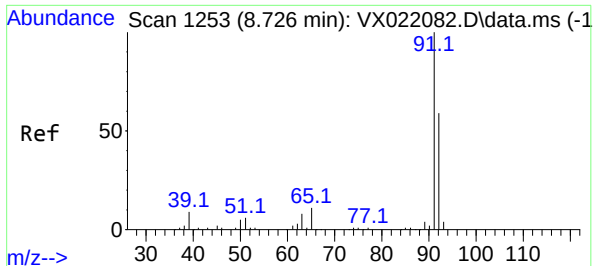
Lab File: VX022302.D

Acq: 01 Jun 2021 19:44

Tgt Ion: 98 Resp: 188844

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9

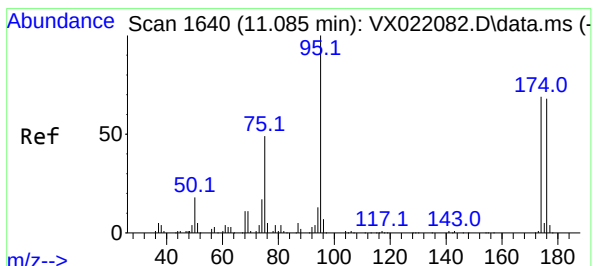
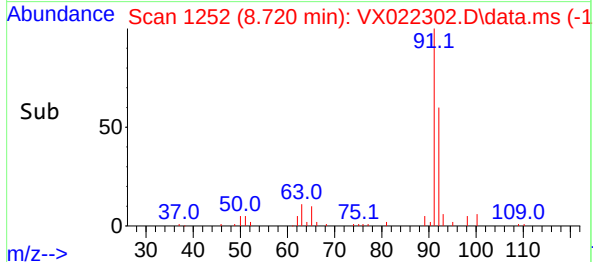
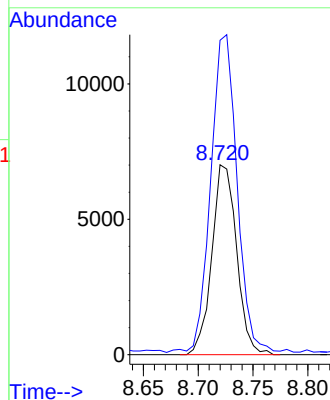
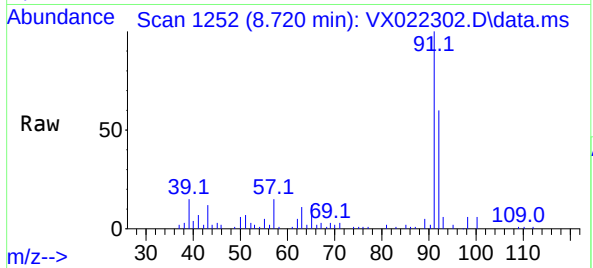




#52
Toluene
Concen: 4.10 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

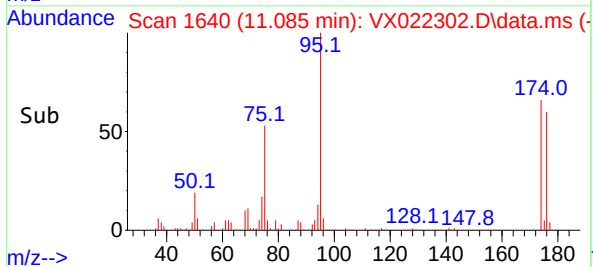
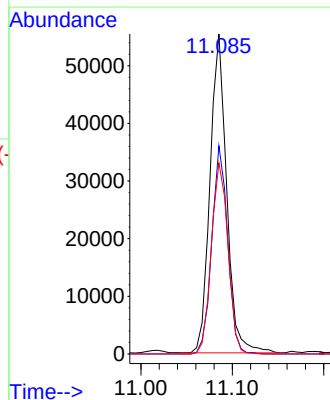
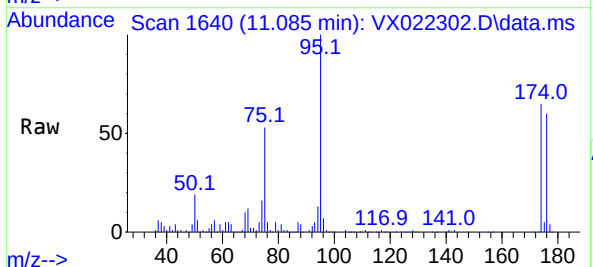
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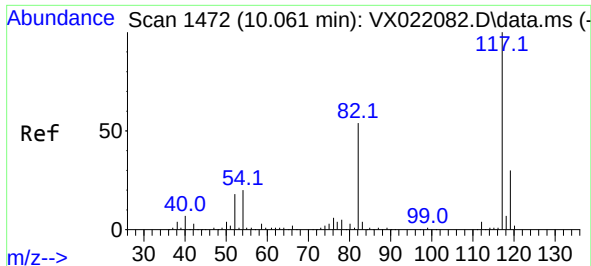
Tgt Ion: 92 Resp: 11022
Ion Ratio Lower Upper
92 100
91 177.6 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 51.80 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion: 95 Resp: 69759
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 59.9 0.0 155.8

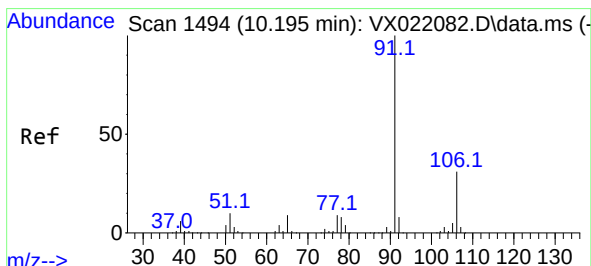
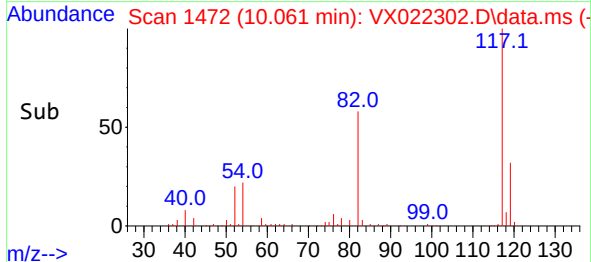
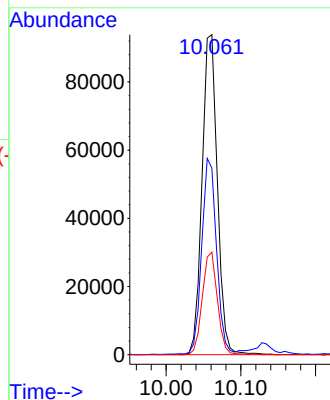
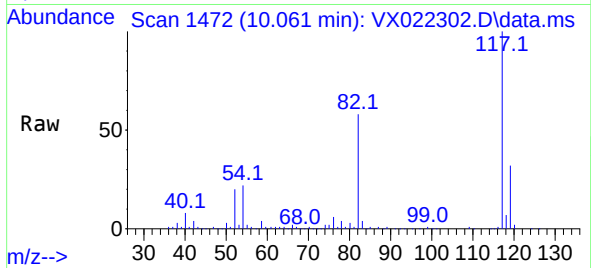




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

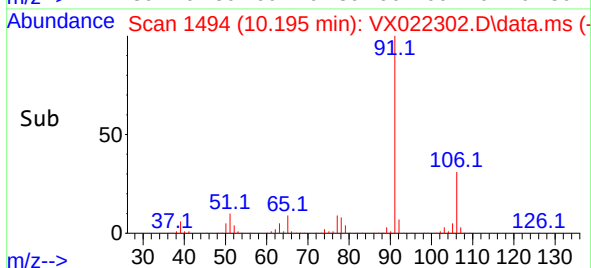
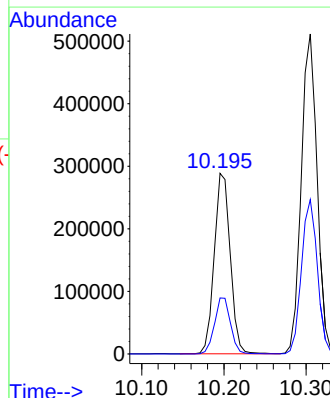
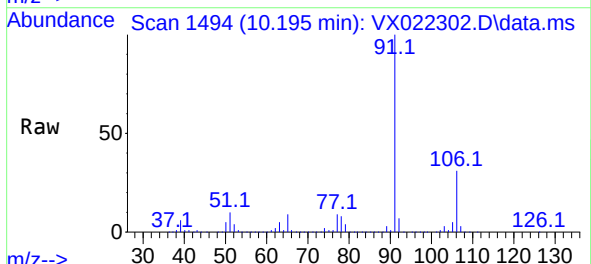
Instrument :
MSVOA_X
ClientSampled :
MW-5B

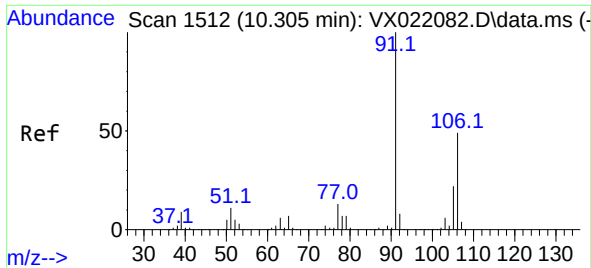
Tgt Ion:117 Resp: 133810
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.1 26.6 39.8



#67
Ethyl Benzene
Concen: 76.13 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion: 91 Resp: 390093
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0

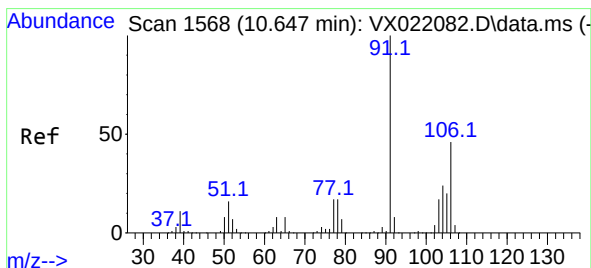
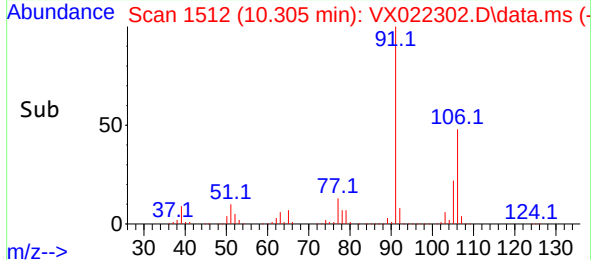
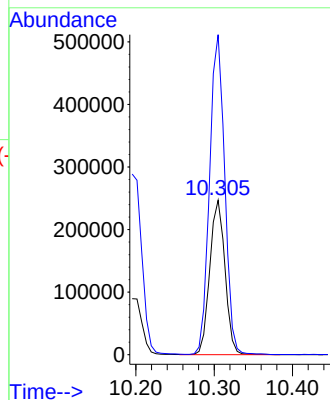
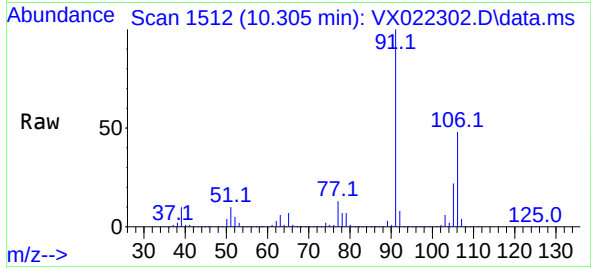




#68
m/p-Xylenes
Concen: 171.72 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

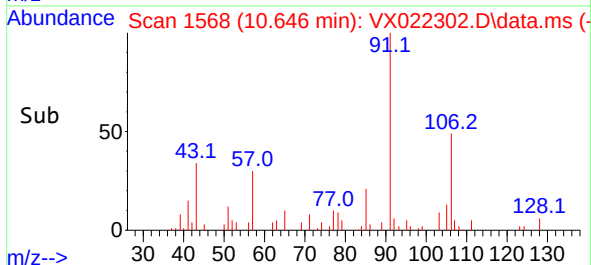
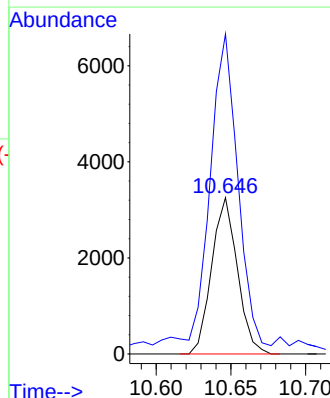
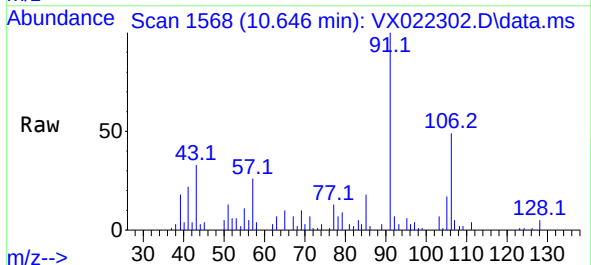
Instrument :
MSVOA_X
ClientSampled :
MW-5B

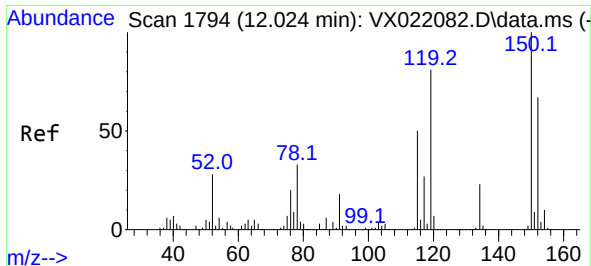
Tgt Ion:106 Resp: 332548
Ion Ratio Lower Upper
106 100
91 206.0 162.8 244.2



#69
o-Xylene
Concen: 2.06 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion:106 Resp: 3883
Ion Ratio Lower Upper
106 100
91 224.2 108.1 324.2

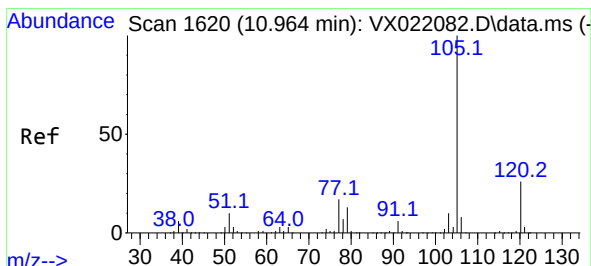
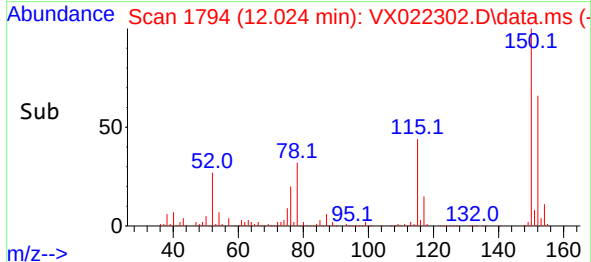
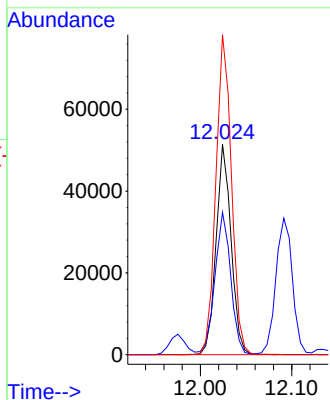
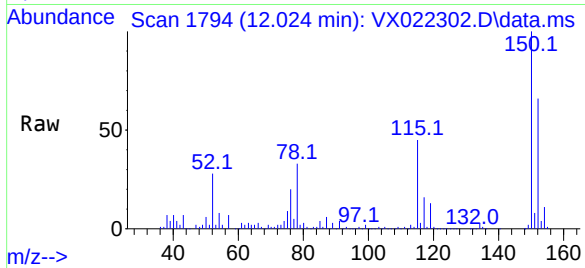




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

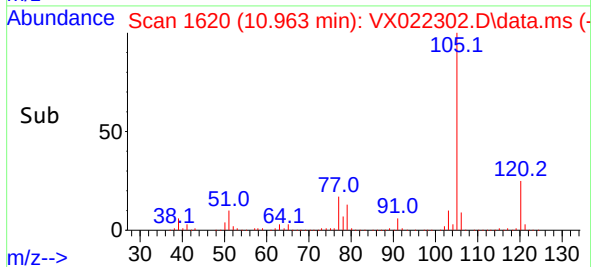
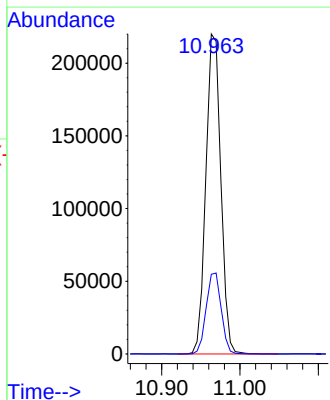
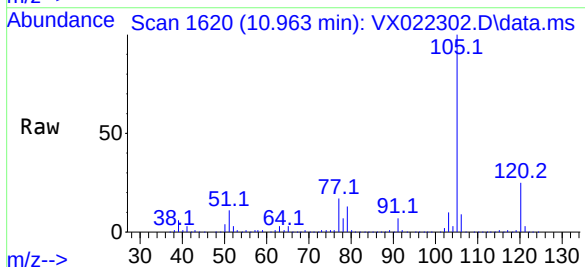
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

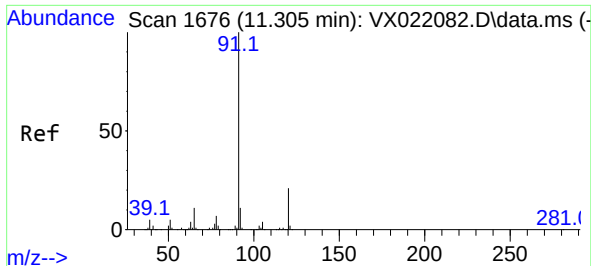
Tgt Ion:152 Resp: 58622
Ion Ratio Lower Upper
152 100
115 70.7 41.1 123.3
150 157.7 0.0 349.0



#73
Isopropylbenzene
Concen: 58.68 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion:105 Resp: 291150
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.6

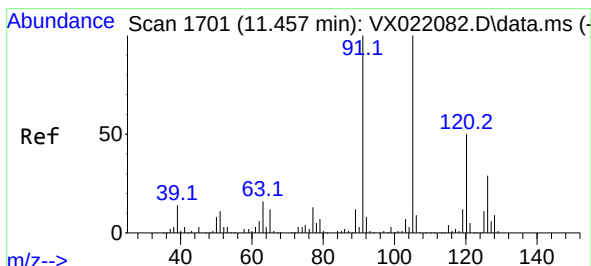
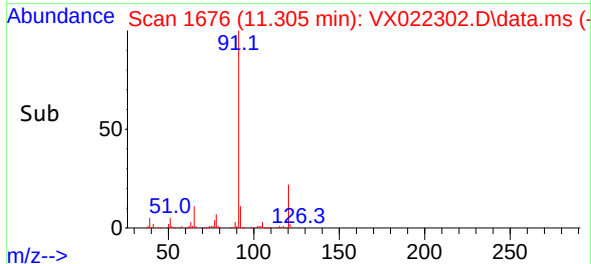
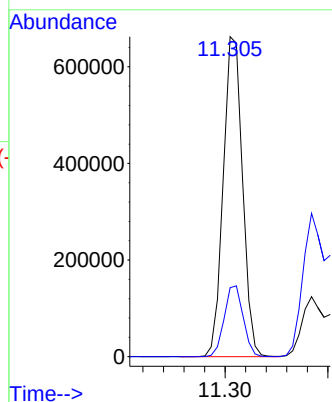
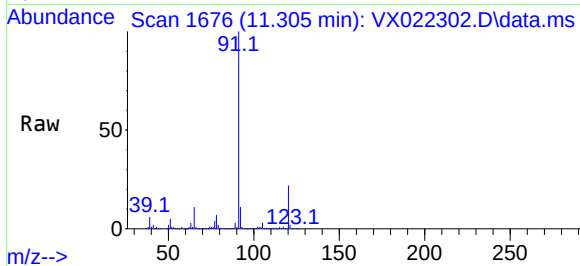




#78
n-propylbenzene
Concen: 148.19 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

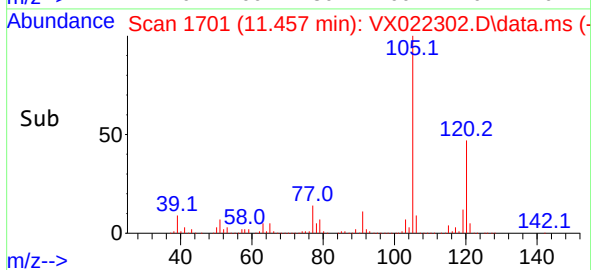
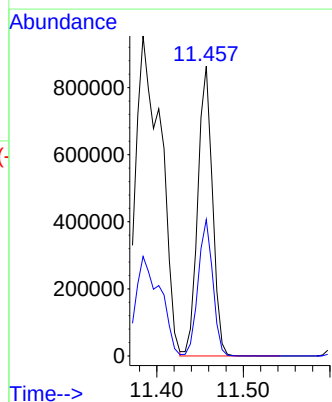
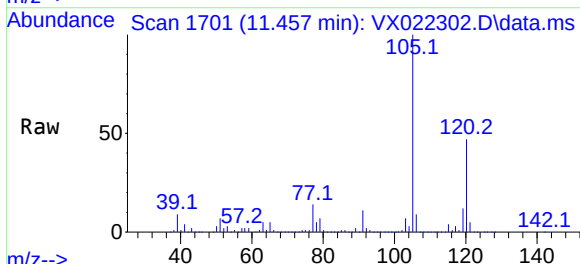
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

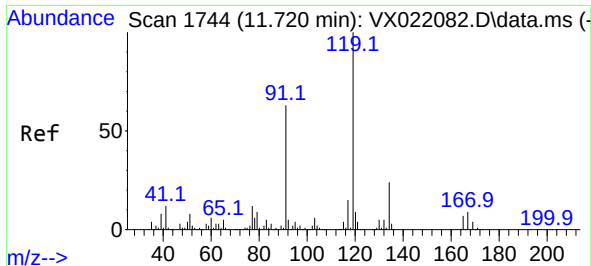
Tgt Ion: 91 Resp: 861174
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 246.75 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion:105 Resp: 1014674
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.5



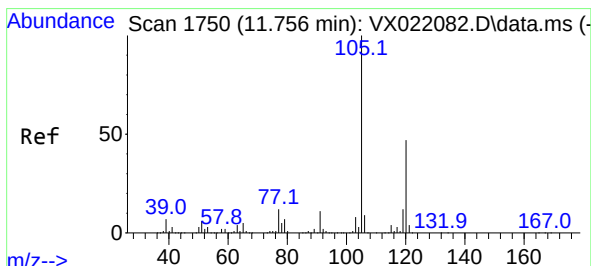
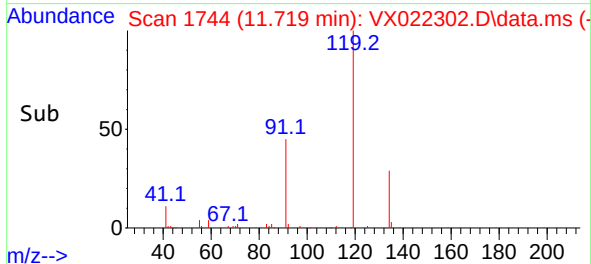
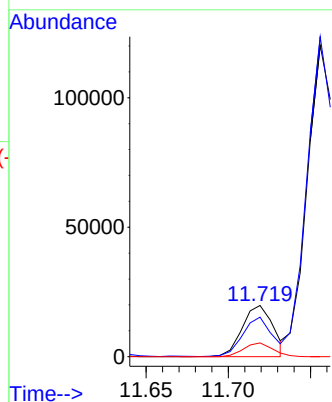
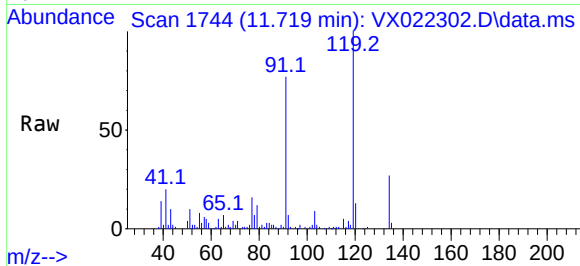


#83
tert-Butylbenzene
Concen: 6.51 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Instrument :
MSVOA_X
ClientSampled :
MW-5B

Tgt Ion:119 Resp: 25683

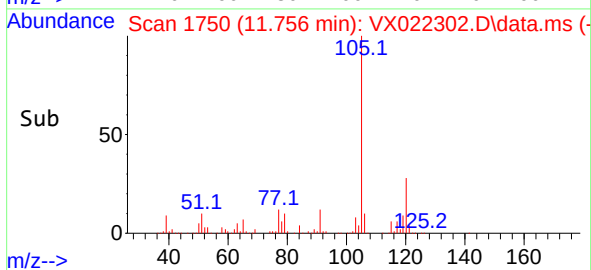
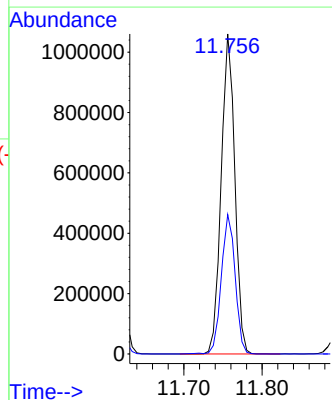
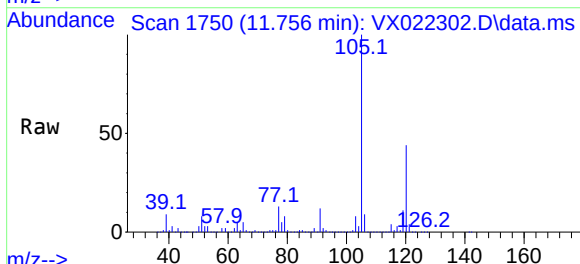
Ion	Ratio	Lower	Upper
119	100		
91	73.6	27.9	83.7
134	25.6	11.3	33.9

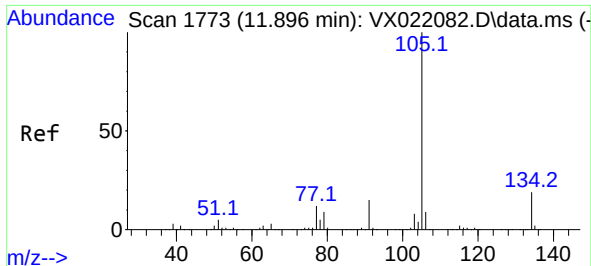


#84
1,2,4-Trimethylbenzene
Concen: 310.47 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion:105 Resp: 1285066

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.3

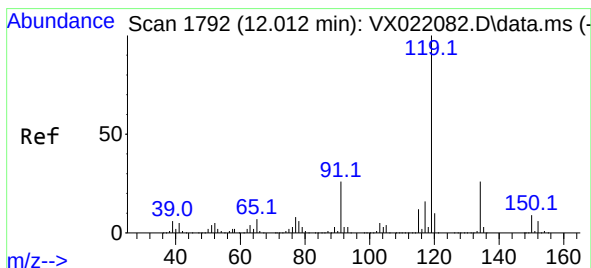
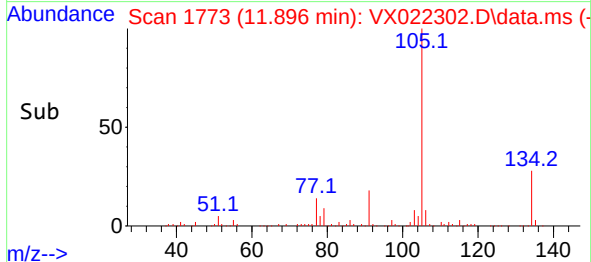
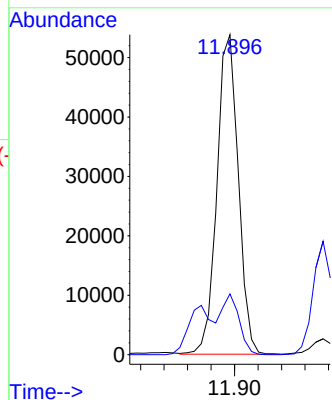
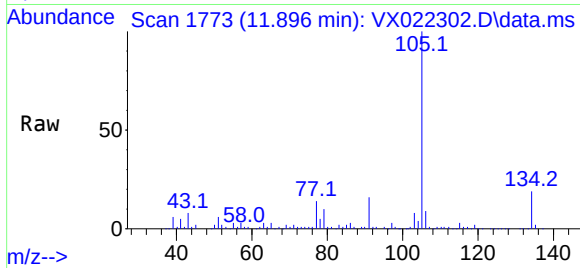




#85
 sec-Butylbenzene
 Concen: 13.58 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX022302.D
 Acq: 01 Jun 2021 19:44

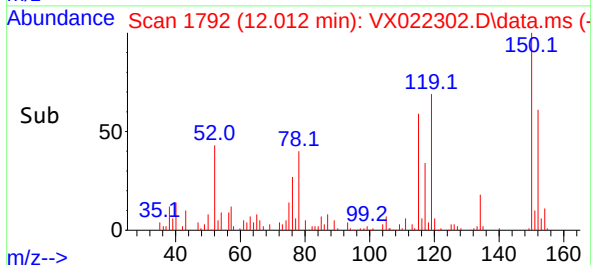
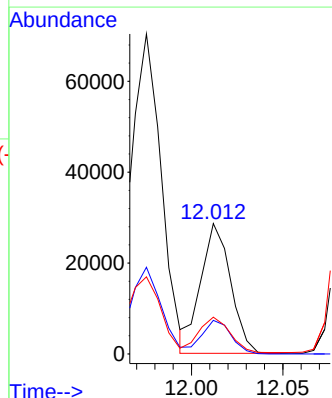
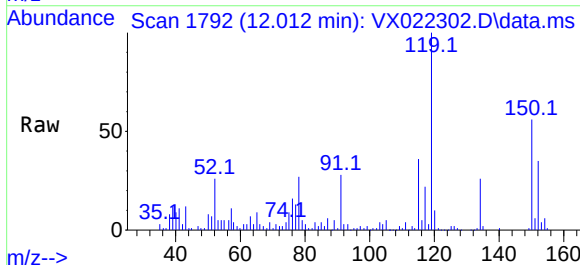
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5B

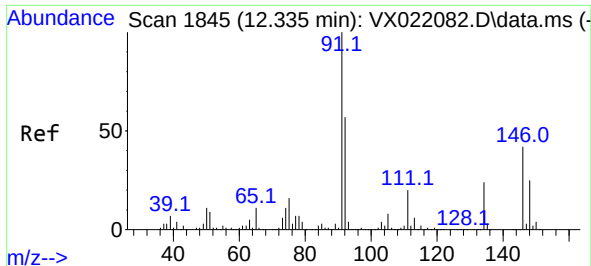
Tgt Ion:105 Resp: 68040
 Ion Ratio Lower Upper
 105 100
 134 15.4 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 7.67 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX022302.D
 Acq: 01 Jun 2021 19:44

Tgt Ion:119 Resp: 32455
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 28.3 11.7 35.0

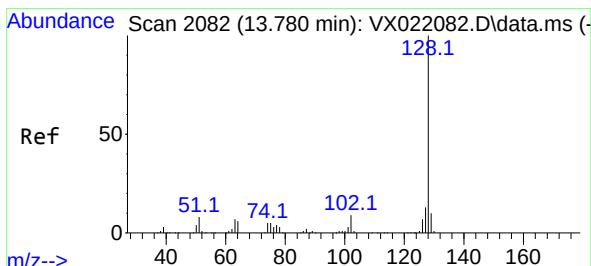
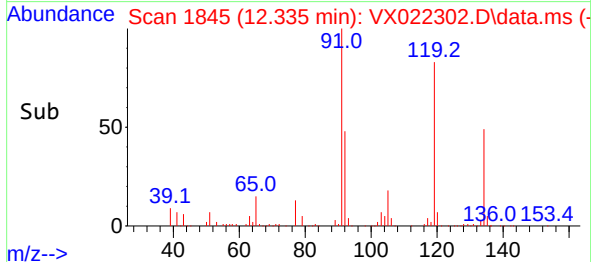
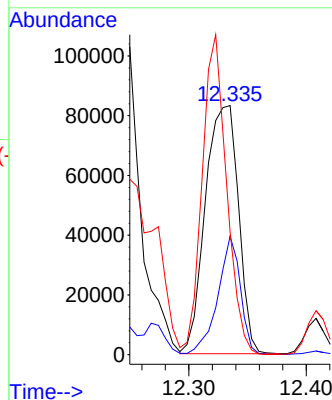
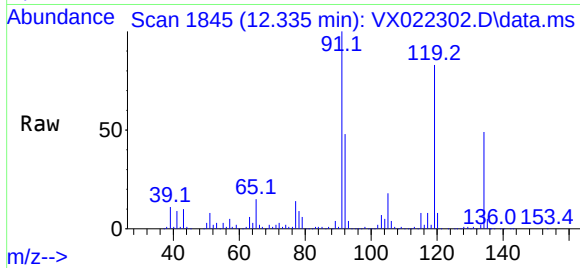




#89
n-Butylbenzene
Concen: 41.54 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Instrument :
MSVOA_X
ClientSampled :
MW-5B

Tgt Ion: 91 Resp: 162653
Ion Ratio Lower Upper
91 100
92 32.6 27.4 82.0
134 95.2 13.2 39.5#



#95
Naphthalene
Concen: 43.22 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022302.D
Acq: 01 Jun 2021 19:44

Tgt Ion:128 Resp: 198150
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.5 8.8 13.2

