

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021735.D
 Acq On : 02 Apr 2021 12:10
 Operator : JC/MD
 Sample : M1895-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Apr 03 02:02:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

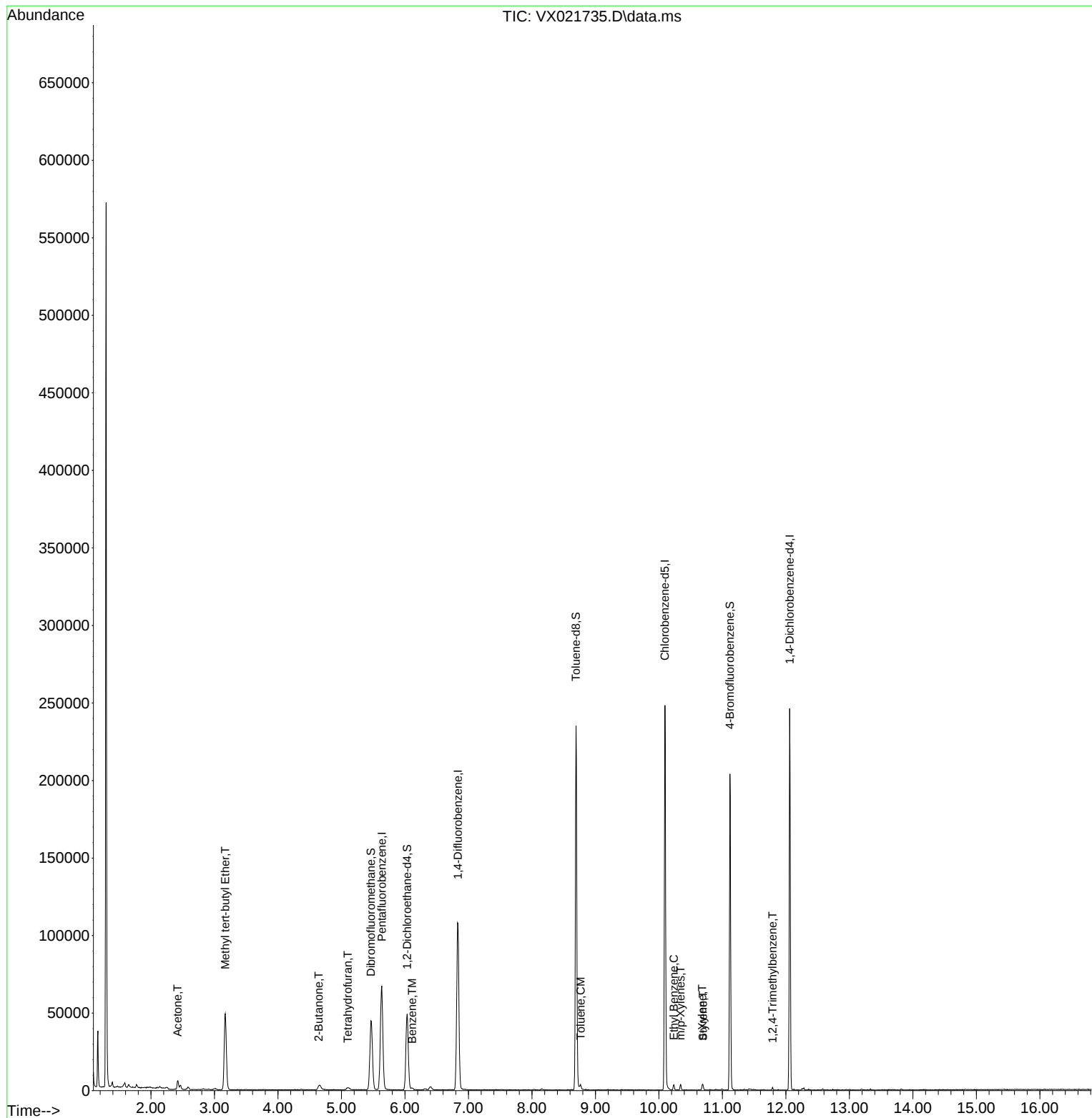
Internal Standards						
1) Pentafluorobenzene	5.635	168	57633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	102799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	104573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	48641	50.72	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.44%
35) Dibromofluoromethane	5.464	113	37141	50.86	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.72%
50) Toluene-d8	8.694	98	131916	50.70	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.40%
62) 4-Bromofluorobenzene	11.118	95	51202	50.61	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.22%
Target Compounds						Qvalue
16) Acetone	2.417	43	6501	17.93	ug/l #	81
19) Methyl tert-butyl Ether	3.170	73	50514	23.29	ug/l	99
25) 2-Butanone	4.641	43	1485	2.70	ug/l	91
29) Tetrahydrofuran	5.099	42	1085	3.04	ug/l #	76
40) Benzene	6.111	78	1077	0.38	ug/l #	89
52) Toluene	8.765	92	877	0.50	ug/l	95
67) Ethyl Benzene	10.235	91	2058	0.54	ug/l #	88
68) m/p-Xylenes	10.341	106	856	0.63	ug/l	94
69) o-Xylene	10.683	106	493	0.37	ug/l	99
70) Styrene	10.694	104	1109	0.49	ug/l	96
84) 1,2,4-Trimethylbenzene	11.789	105	767	0.27	ug/l	97

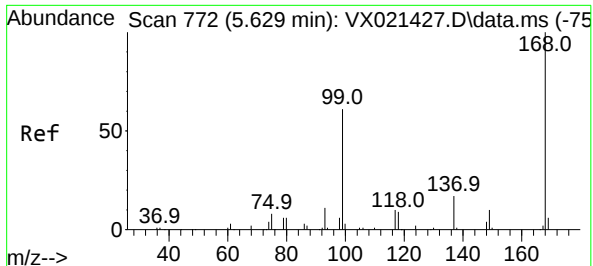
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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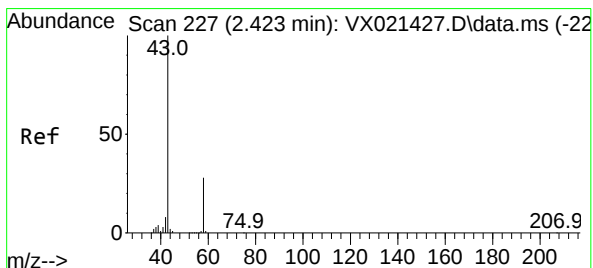
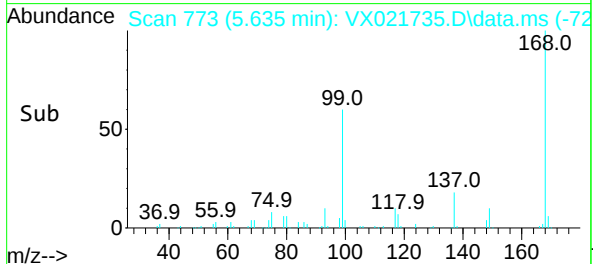
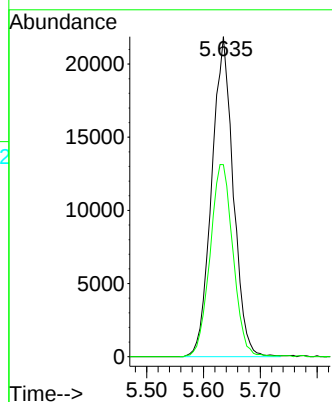
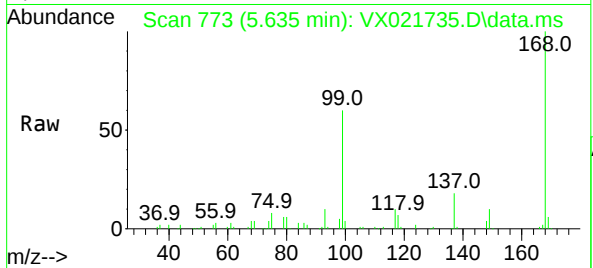




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

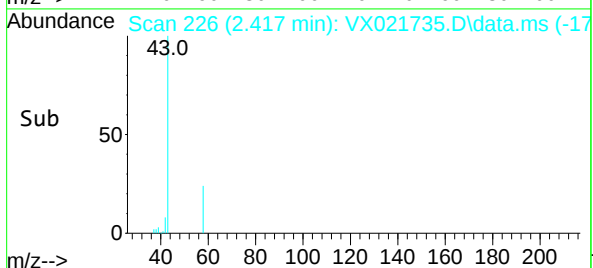
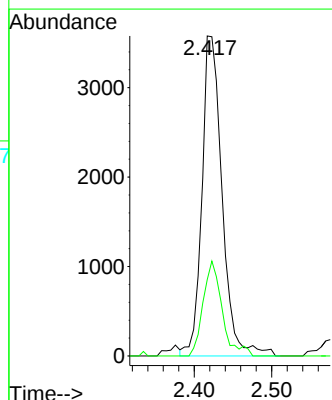
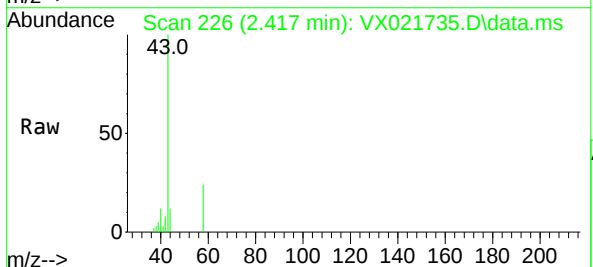
Instrument :
MSVOA_X
ClientSampled :
MW-8

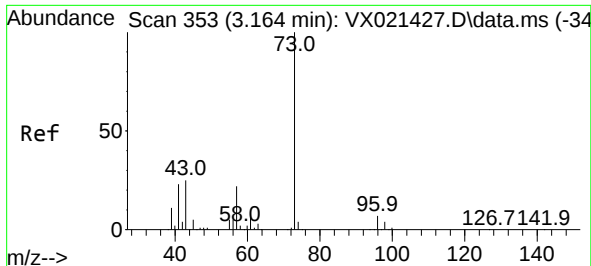
Tgt Ion:168 Resp: 57633
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#16
Acetone
Concen: 17.93 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

Tgt Ion: 43 Resp: 6501
Ion Ratio Lower Upper
43 100
58 23.9 27.8 41.8#

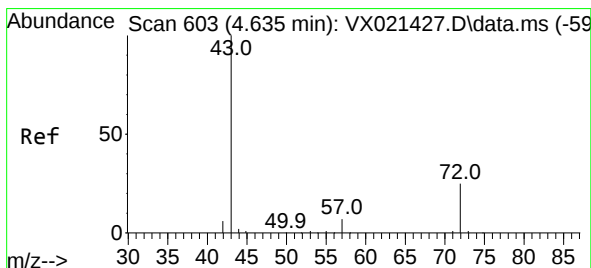
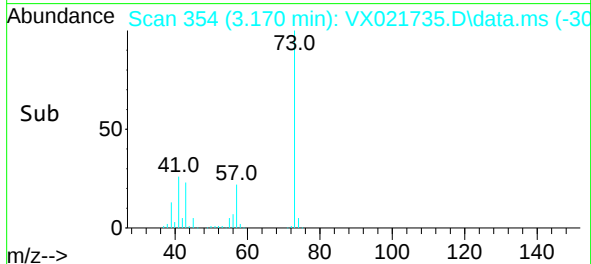
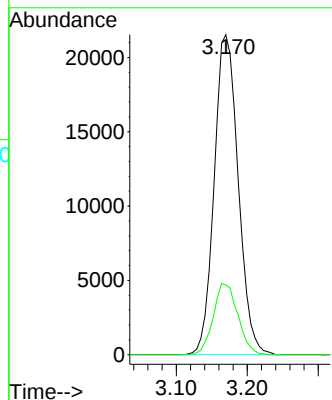
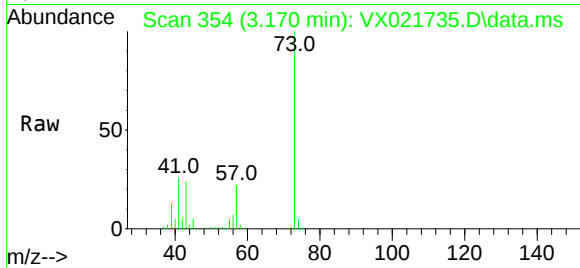




#19
Methyl tert-butyl Ether
Concen: 23.29 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

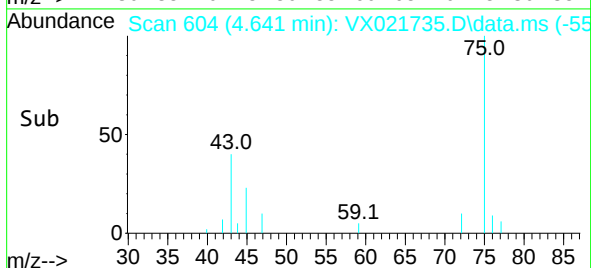
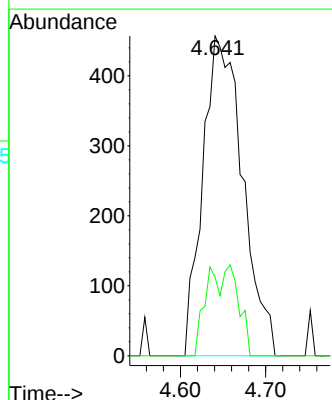
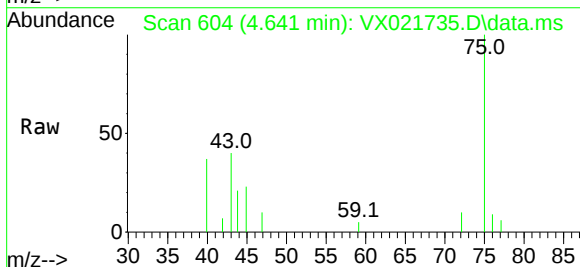
Instrument :
MSVOA_X
ClientSampled :
MW-8

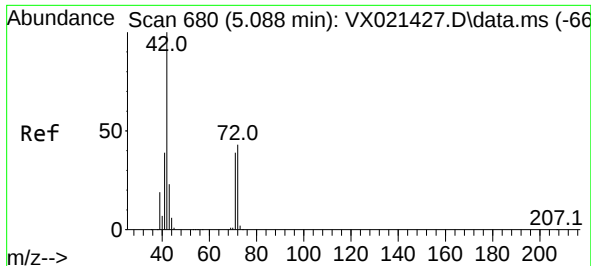
Tgt Ion: 73 Resp: 50514
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#25
2-Butanone
Concen: 2.70 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
72 24.5 23.7 35.5





#29

Tetrahydrofuran

Concen: 3.04 ug/l

RT: 5.099 min Scan# 682

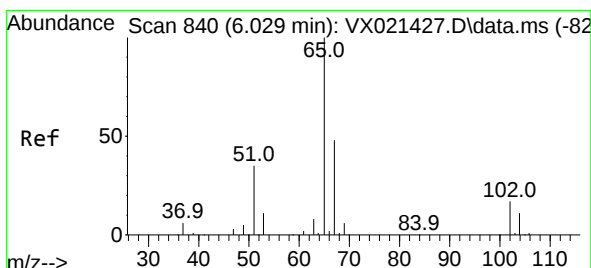
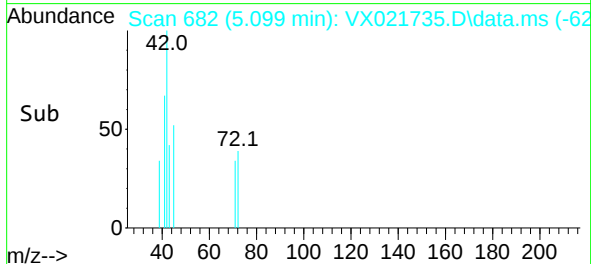
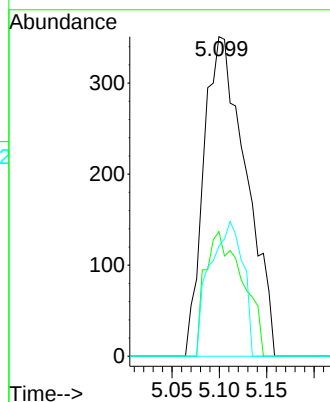
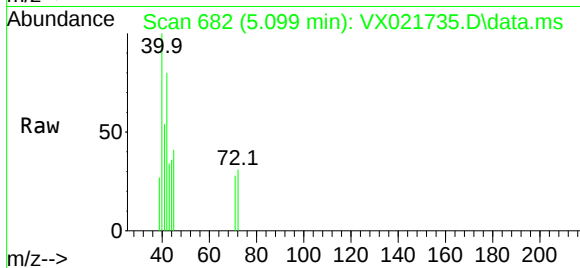
Delta R.T. 0.011 min

Lab File: VX021735.D

Acq: 02 Apr 2021 12:10

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:	42	Resp:	1085
Ion	Ratio	Lower	Upper
42	100		
72	34.7	41.7	62.5#
71	33.0	38.4	57.6#



#33

1,2-Dichloroethane-d4

Concen: 50.72 ug/l

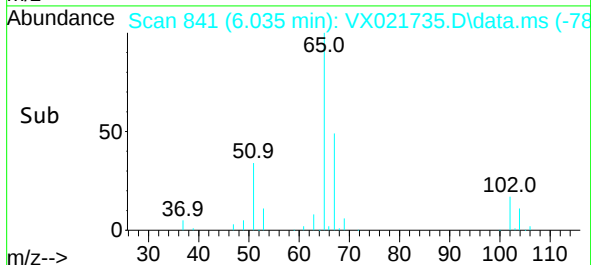
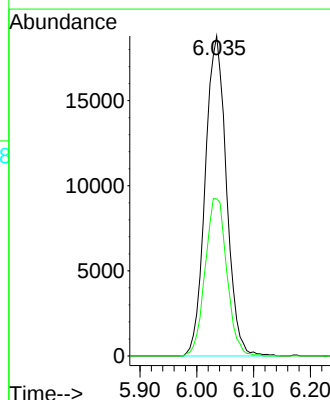
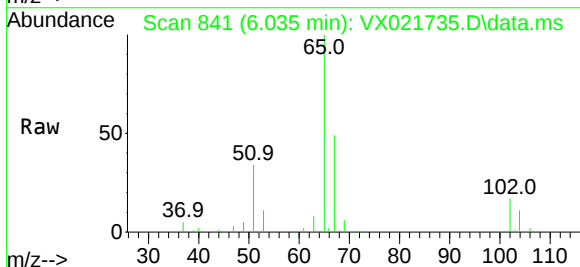
RT: 6.035 min Scan# 841

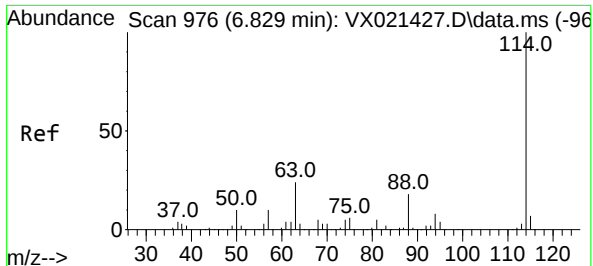
Delta R.T. 0.006 min

Lab File: VX021735.D

Acq: 02 Apr 2021 12:10

Tgt Ion:	65	Resp:	48641
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	105.4

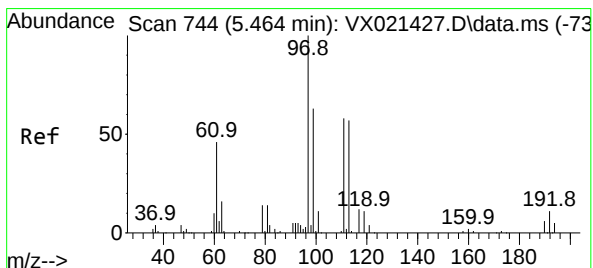
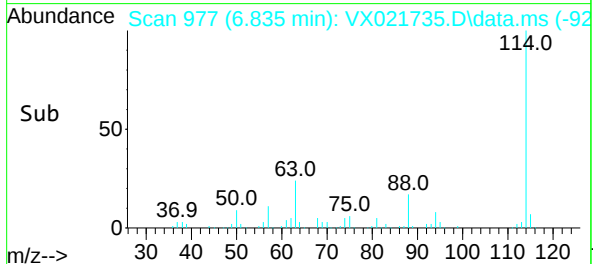
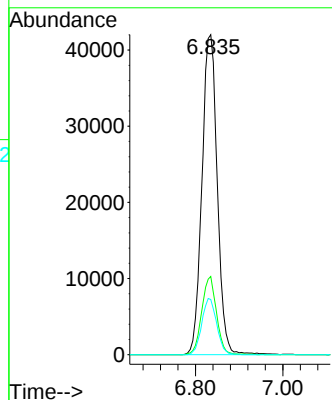
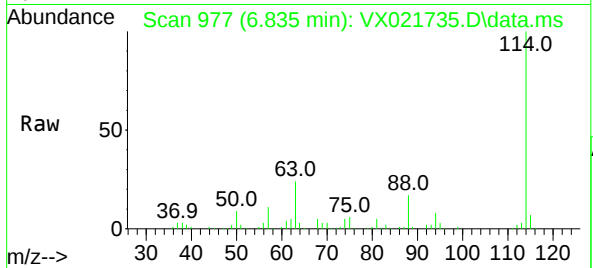




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

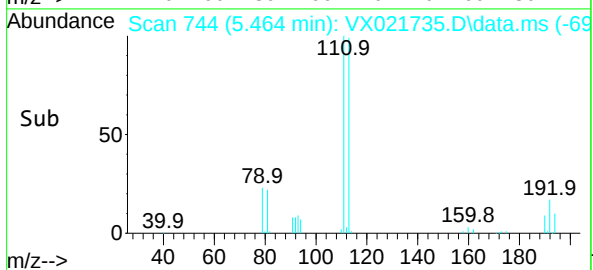
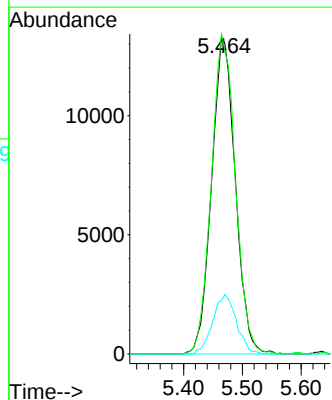
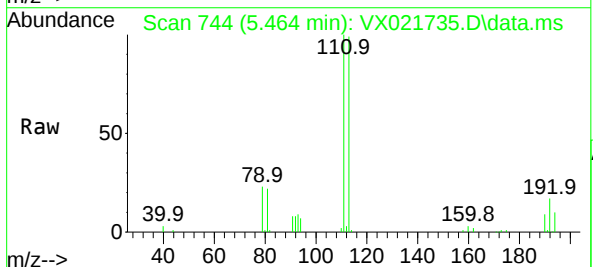
Instrument :
MSVOA_X
ClientSampled :
MW-8

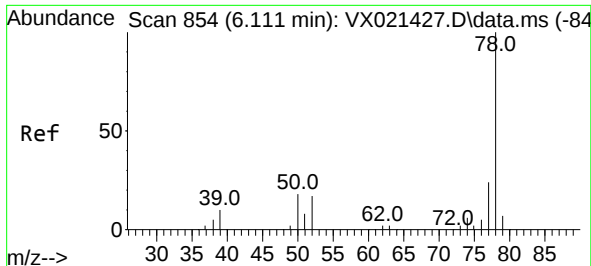
Tgt Ion:114 Resp: 102799
Ion Ratio Lower Upper
114 100
63 24.5 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.86 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

Tgt Ion:113 Resp: 37141
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.7 16.7 25.1

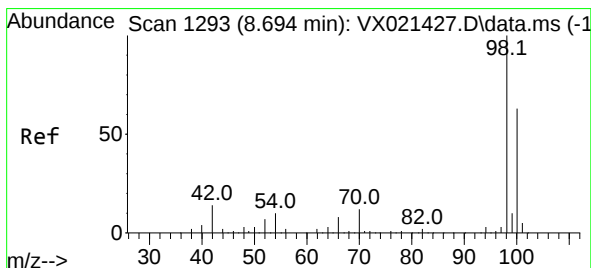
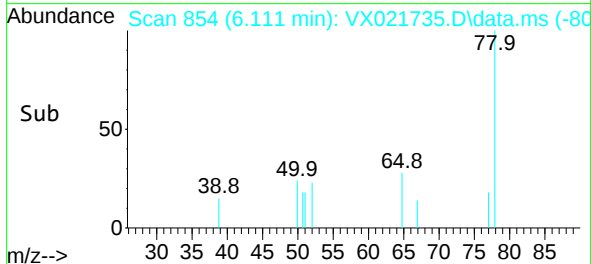
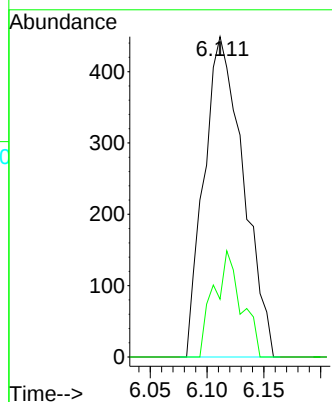
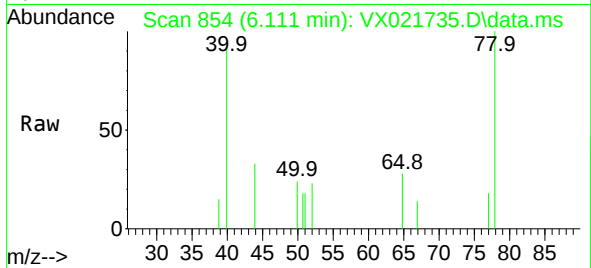




#40
Benzene
Concen: 0.38 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

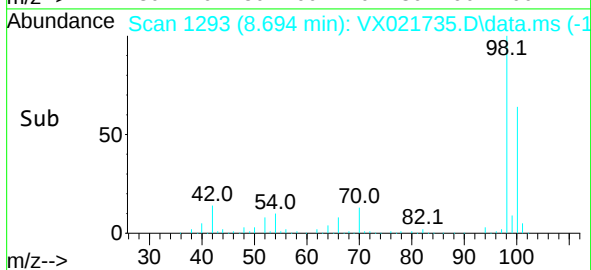
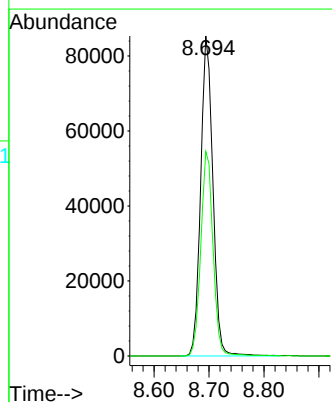
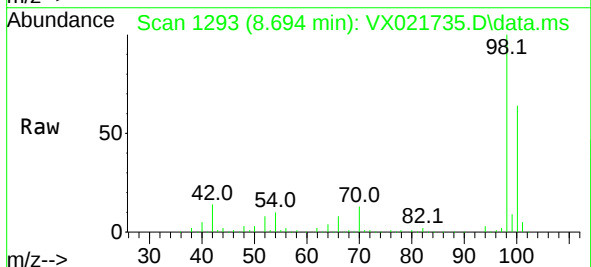
Instrument :
MSVOA_X
ClientSampled :
MW-8

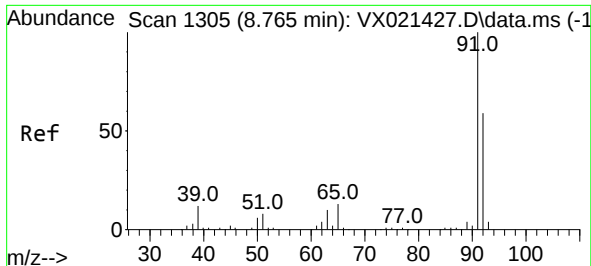
Tgt Ion: 78 Resp: 1077
Ion Ratio Lower Upper
78 100
77 18.0 18.9 28.3#



#50
Toluene-d8
Concen: 50.70 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

Tgt Ion: 98 Resp: 131916
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

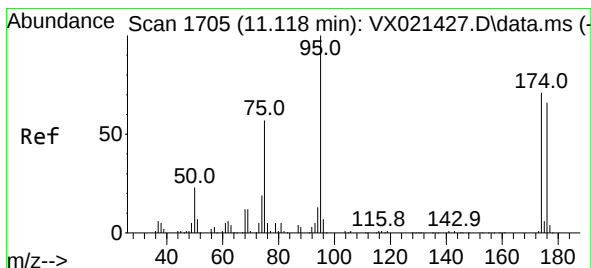
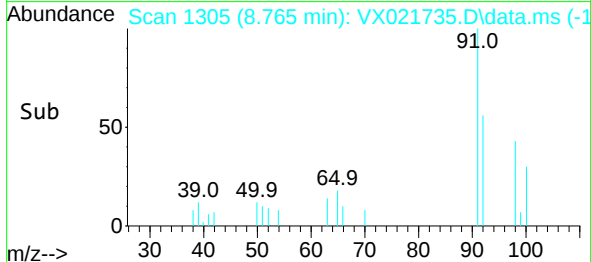
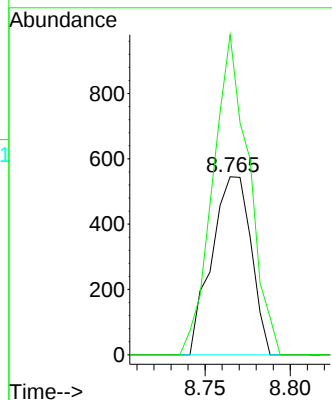
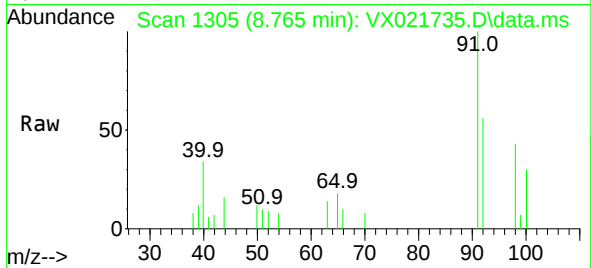




#52
Toluene
Concen: 0.50 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

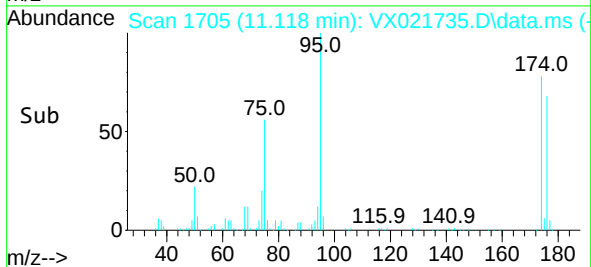
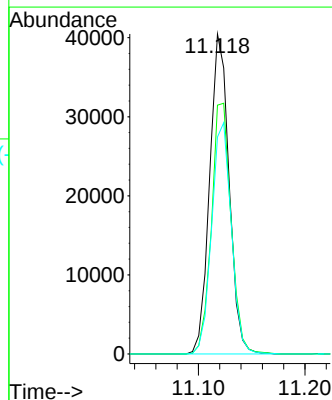
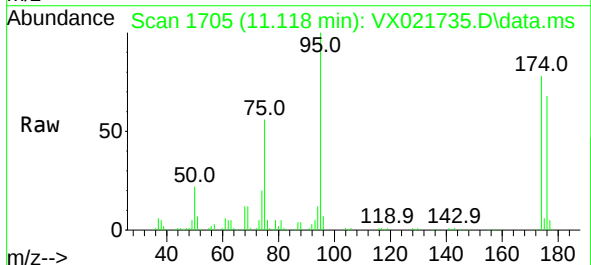
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MW-8

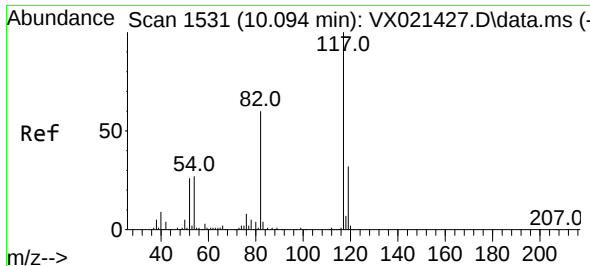
Tgt Ion: 92 Resp: 877
Ion Ratio Lower Upper
92 100
91 164.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 50.61 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

Tgt Ion: 95 Resp: 51202
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 73.5 0.0 155.8

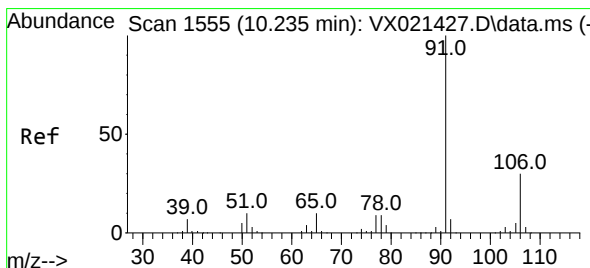
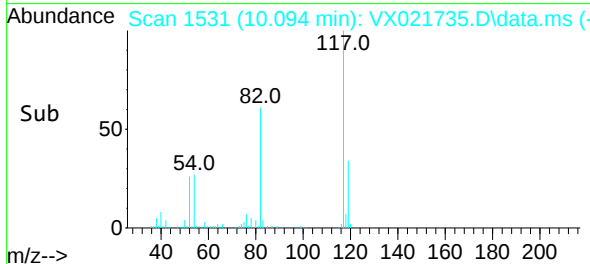
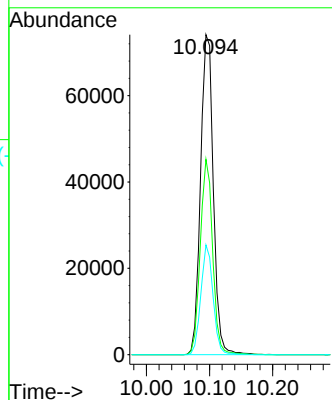
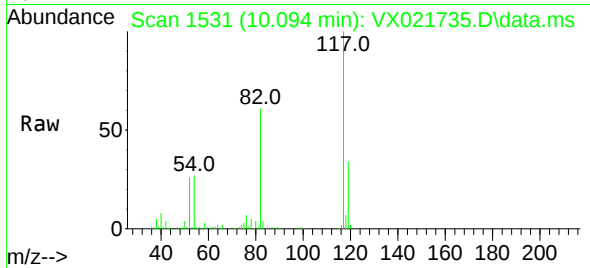




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

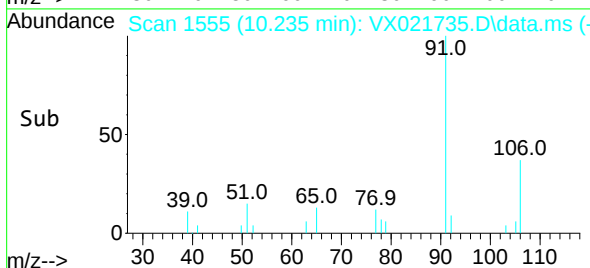
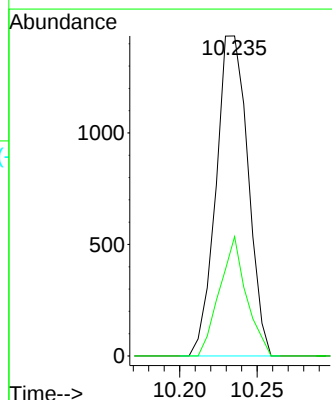
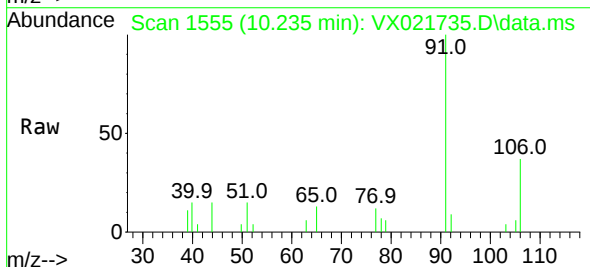
Instrument :
MSVOA_X
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MW-8

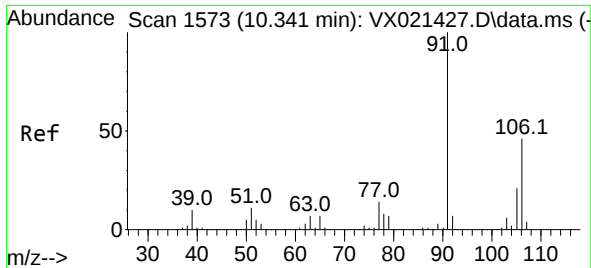
Tgt Ion:117 Resp: 104573
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 34.3 26.6 39.8



#67
Ethyl Benzene
Concen: 0.54 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

Tgt Ion: 91 Resp: 2058
Ion Ratio Lower Upper
91 100
106 37.3 24.6 37.0#

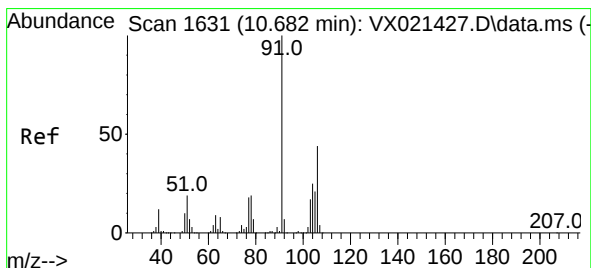
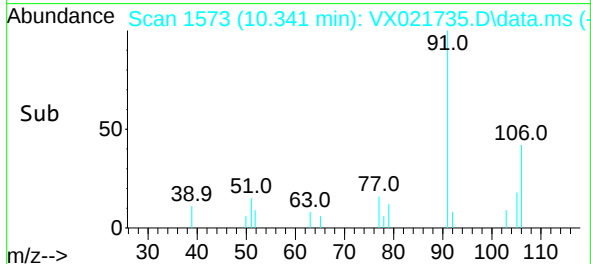
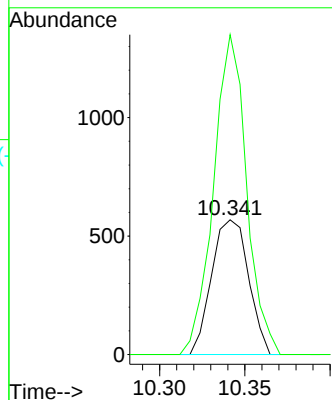
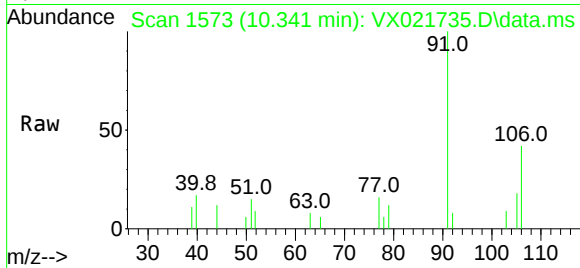




#68
m/p-Xylenes
Concen: 0.63 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

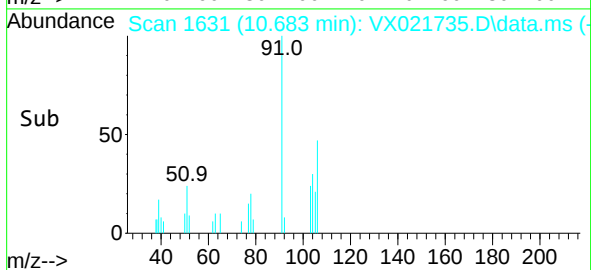
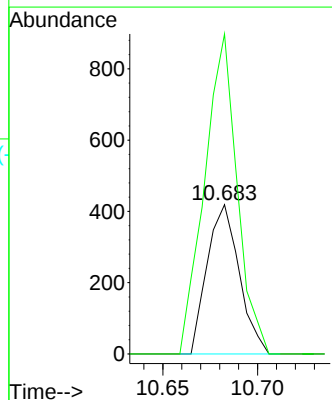
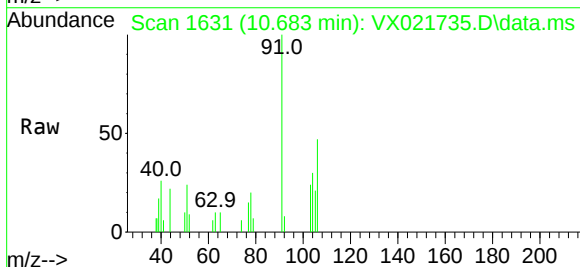
Instrument :
MSVOA_X
ClientSampleId :
MW-8

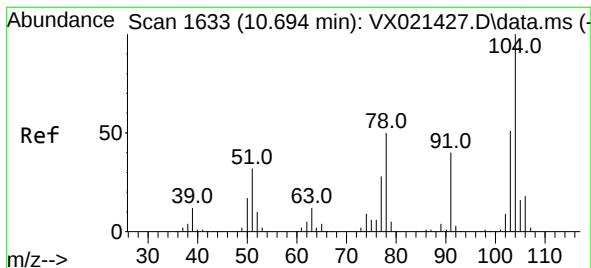
Tgt Ion:106 Resp: 856
Ion Ratio Lower Upper
106 100
91 212.5 162.8 244.2



#69
o-Xylene
Concen: 0.37 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VX021735.D
Acq: 02 Apr 2021 12:10

Tgt Ion:106 Resp: 493
Ion Ratio Lower Upper
106 100
91 217.6 108.1 324.2





#70

Styrene

Concen: 0.49 ug/l

RT: 10.694 min Scan# 1633

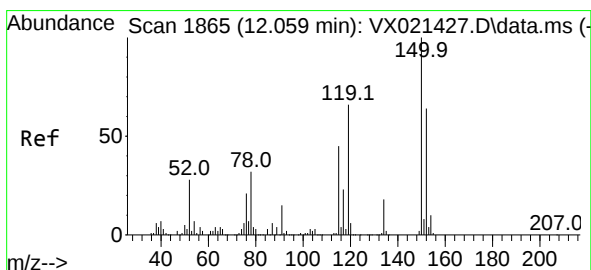
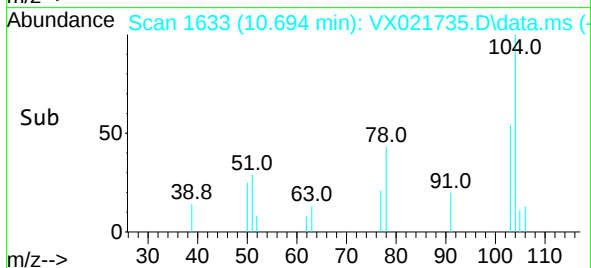
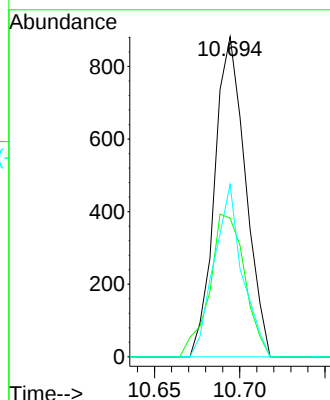
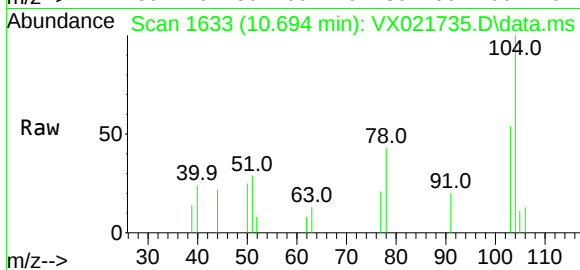
Delta R.T. 0.000 min

Lab File: VX021735.D

Acq: 02 Apr 2021 12:10

Tgt Ion:	104	Resp:	1109
Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.0	60.0
103	49.1	43.4	65.0

Instrument :
MSVOA_X
ClientSampled :
MW-8



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

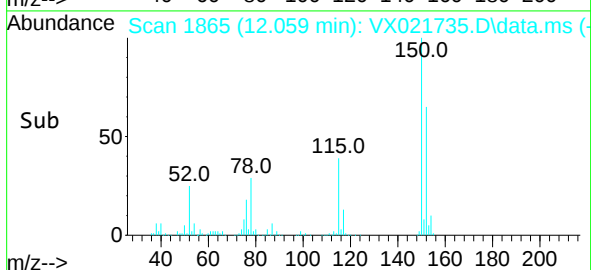
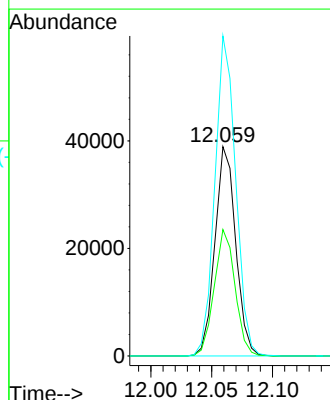
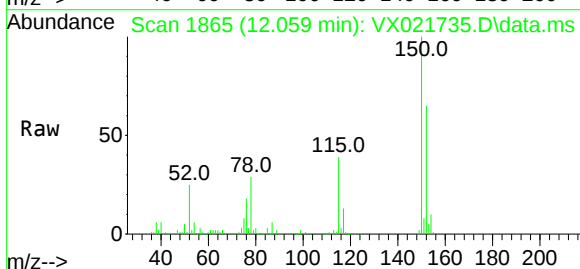
RT: 12.059 min Scan# 1865

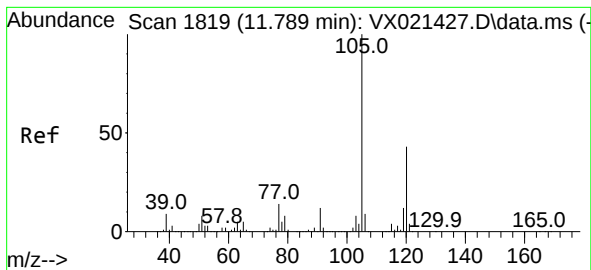
Delta R.T. 0.000 min

Lab File: VX021735.D

Acq: 02 Apr 2021 12:10

Tgt Ion:	152	Resp:	46335
Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	152.7	0.0	349.0





#84

1,2,4-Trimethylbenzene

Concen: 0.27 ug/l

RT: 11.789 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VX021735.D

Acq: 02 Apr 2021 12:10

Tgt Ion:105 Resp: 767

Ion Ratio Lower Upper

105 100

120 42.8 22.4 67.3

Instrument :

MSVOA_X

ClientSampleId :

MW-8

