

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022697.D
 Acq On : 14 Jun 2021 16:39
 Operator : JC/MD
 Sample : M2712-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 15 06:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

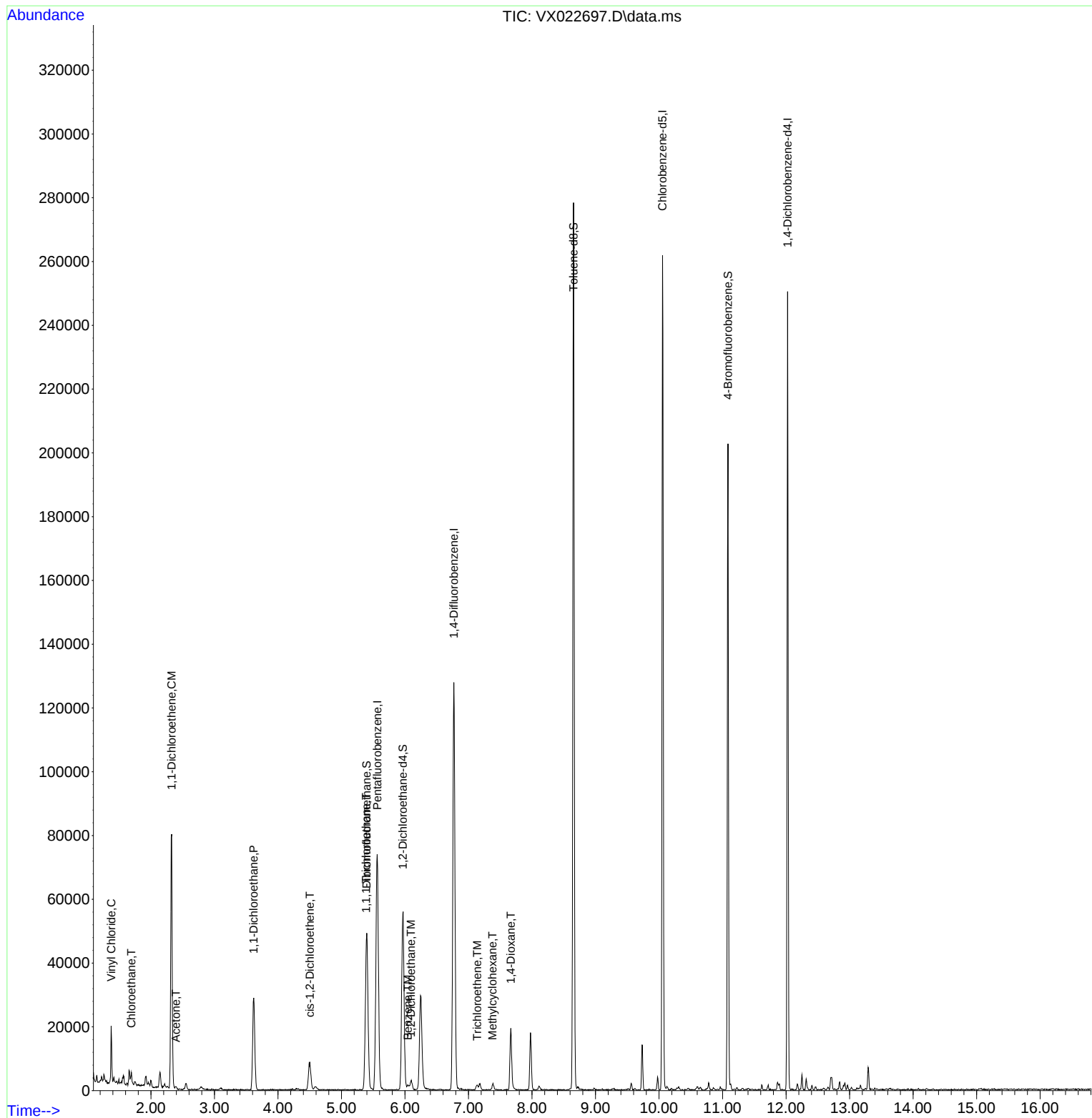
Internal Standards						
1) Pentafluorobenzene	5.562	168	61906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51828	46.551	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.100%
35) Dibromofluoromethane	5.397	113	37646	47.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	8.653	98	148100	47.684	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.360%
62) 4-Bromofluorobenzene	11.085	95	51632	43.955	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.920%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	9840	11.408	ug/l	99
6) Chloroethane	1.691	64	2138	4.094	ug/l	92
12) 1,1-Dichloroethene	2.325	96	26014	34.612	ug/l	95
16) Acetone	2.392	43	970	1.946	ug/l	90
24) 1,1-Dichloroethane	3.617	63	31375	18.802	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	5332	5.255	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	5195	4.520	ug/l	94
39) Methylcyclohexane	7.379	83	876	0.682	ug/l #	84
40) Benzene	6.044	78	1495	0.408	ug/l #	74
42) 1,2-Dichloroethane	6.092	62	3104	2.305	ug/l	92
44) Trichloroethene	7.135	130	626	0.728	ug/l	93
49) 1,4-Dioxane	7.665	88	13696	606.943	ug/l	96

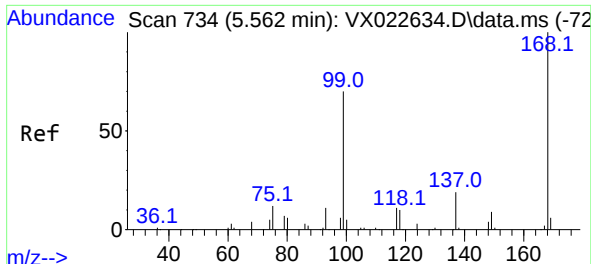
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

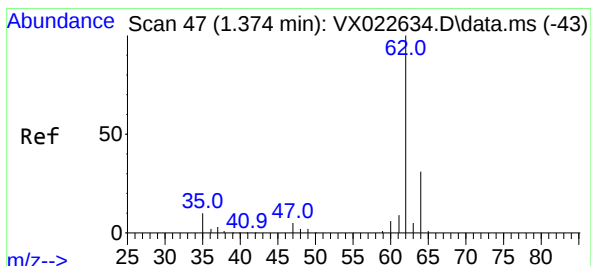
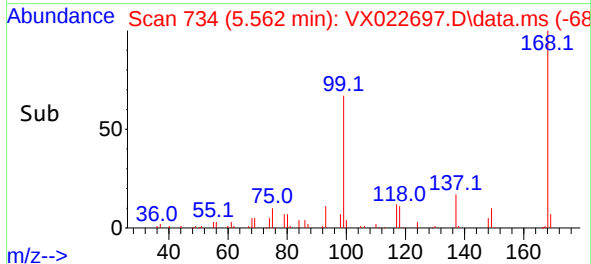
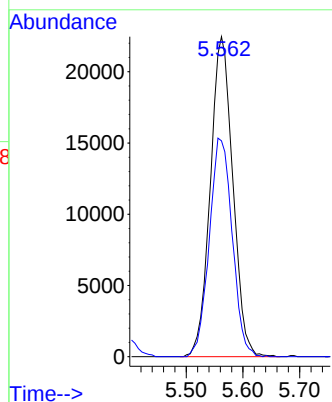
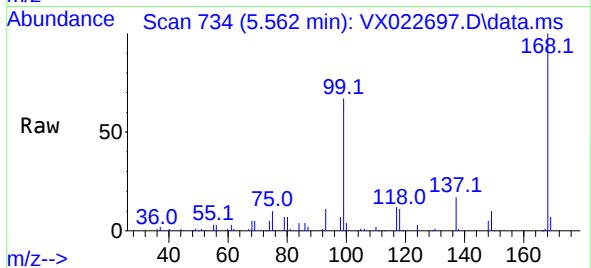




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

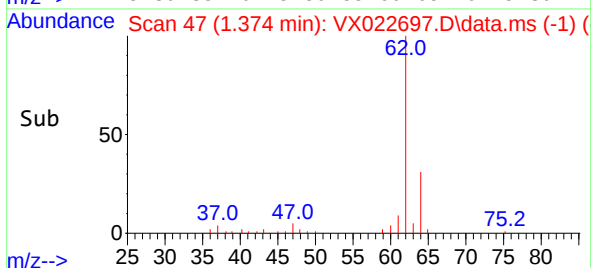
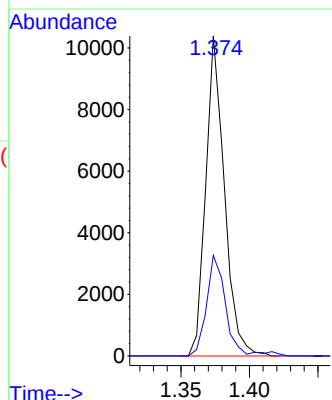
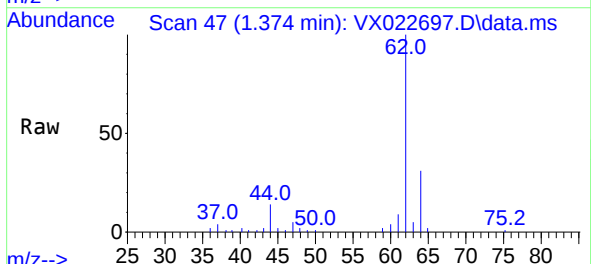
Instrument :
MSVOA_X
ClientSampled :
MW-2

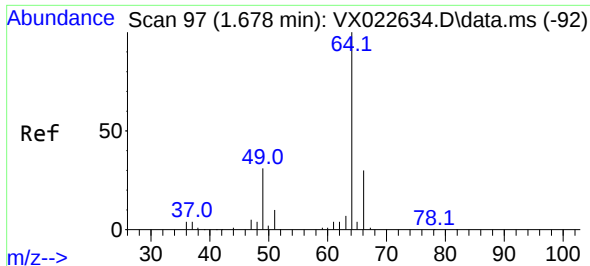
Tgt Ion:168 Resp: 61906
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.6



#4
Vinyl Chloride
Concen: 11.408 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion: 62 Resp: 9840
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

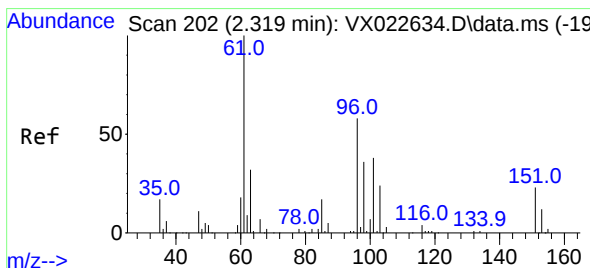
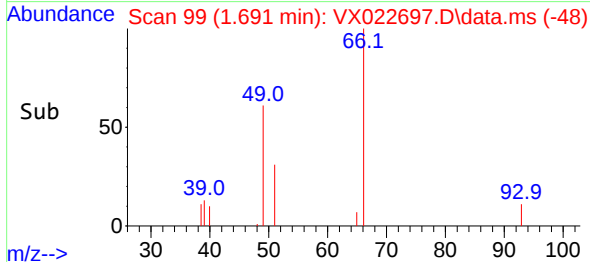
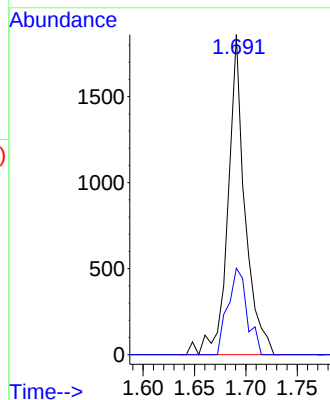
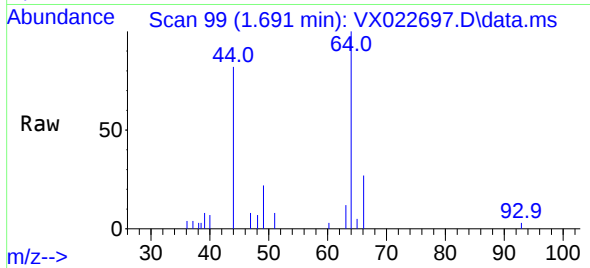




#6
Chloroethane
Concen: 4.094 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

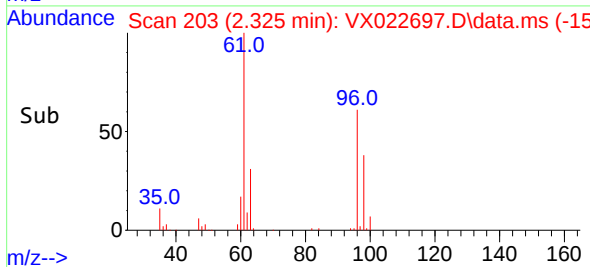
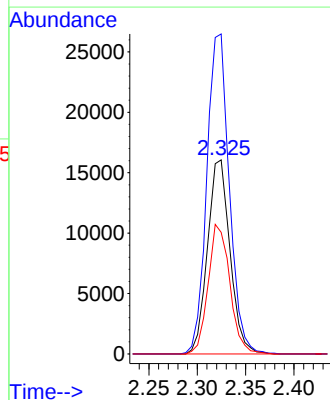
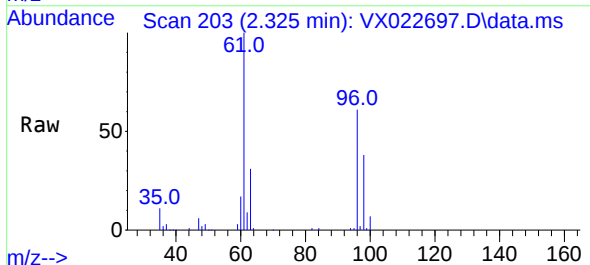
Instrument :
MSVOA_X
ClientSampled :
MW-2

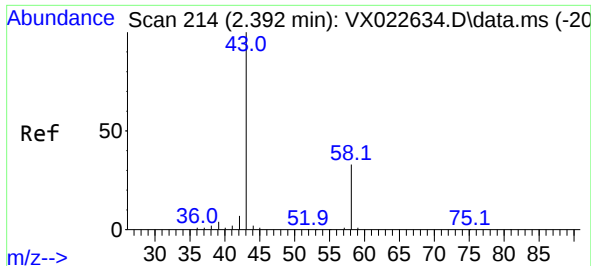
Tgt Ion: 64 Resp: 2138
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.0



#12
1,1-Dichloroethene
Concen: 34.612 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion: 96 Resp: 26014
Ion Ratio Lower Upper
96 100
61 164.9 124.6 187.0
98 62.6 50.6 76.0

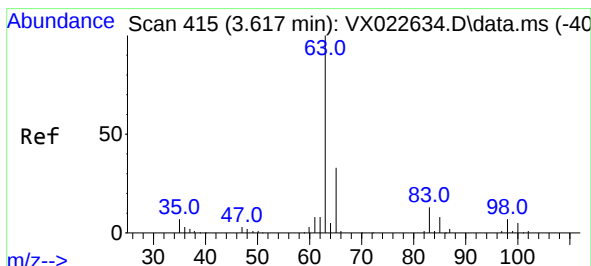
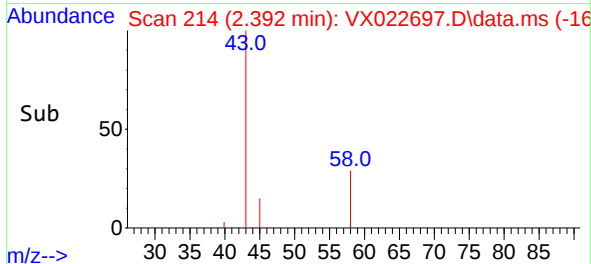
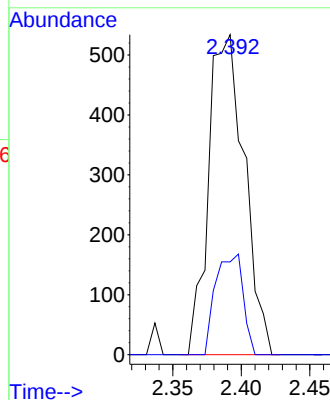
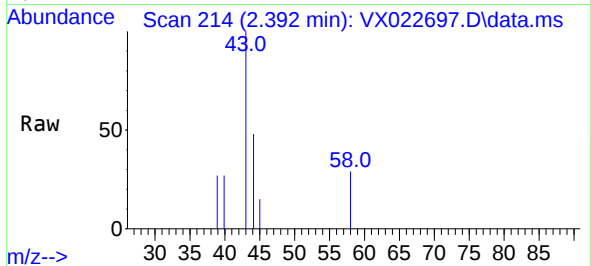




#16
Acetone
Concen: 1.946 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

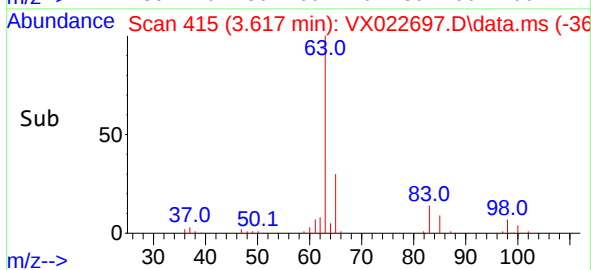
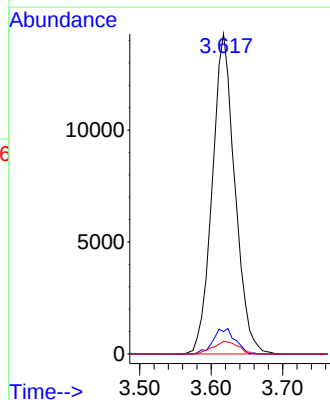
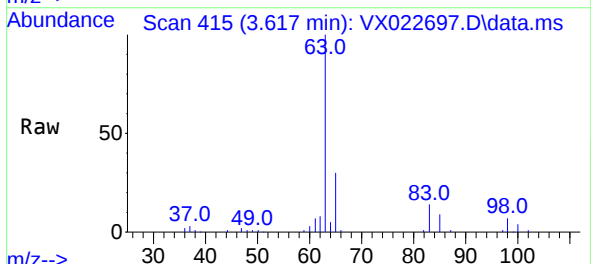
Instrument :
MSVOA_X
ClientSampled :
MW-2

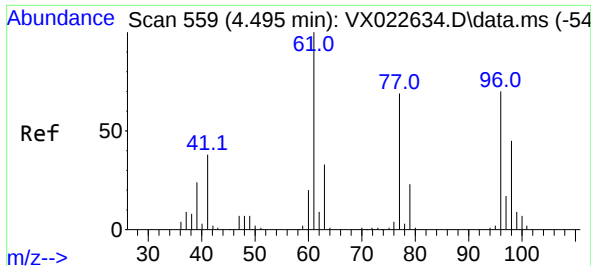
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8



#24
1,1-Dichloroethane
Concen: 18.802 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion: 63 Resp: 31375
Ion Ratio Lower Upper
63 100
98 7.0 3.8 11.2
100 3.9 2.5 7.5





#27

cis-1,2-Dichloroethene

Concen: 5.255 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022697.D

Acq: 14 Jun 2021 16:39

Tgt Ion: 96 Resp: 5332

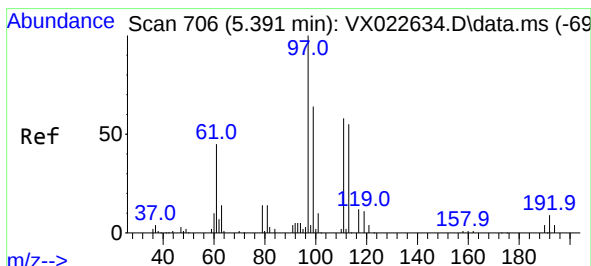
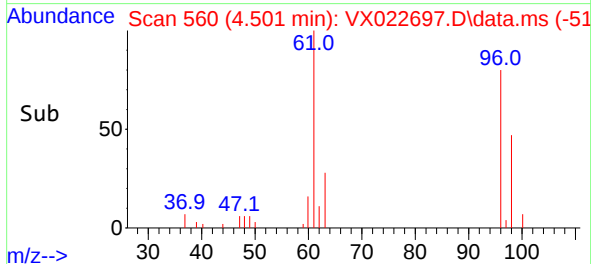
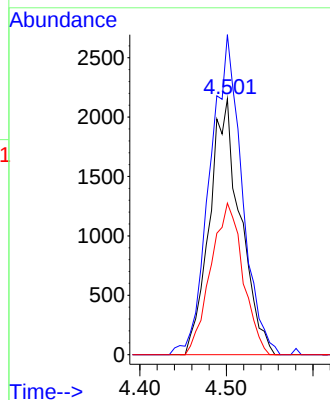
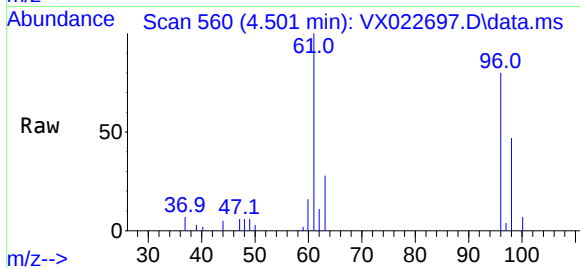
Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	285.6
98	61.7	0.0	129.6

Instrument :

MSVOA_X

ClientSampled :

MW-2



#32

1,1,1-Trichloroethane

Concen: 4.520 ug/l

RT: 5.385 min Scan# 705

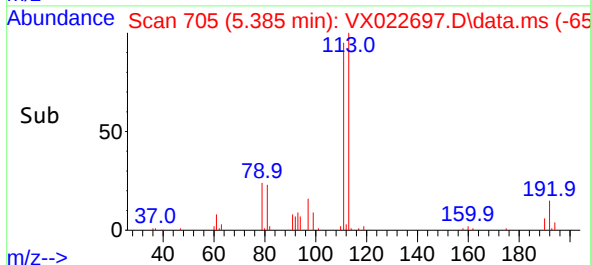
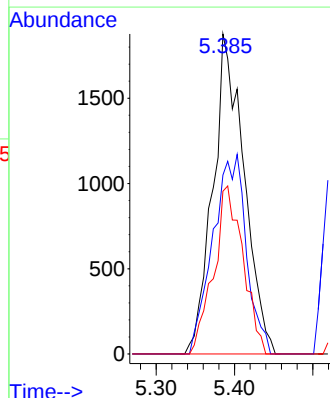
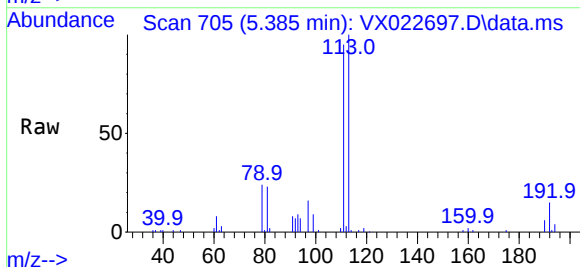
Delta R.T. -0.006 min

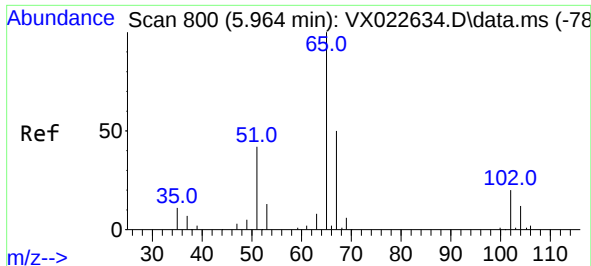
Lab File: VX022697.D

Acq: 14 Jun 2021 16:39

Tgt Ion: 97 Resp: 5195

Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.5	77.3
61	49.5	34.2	51.4

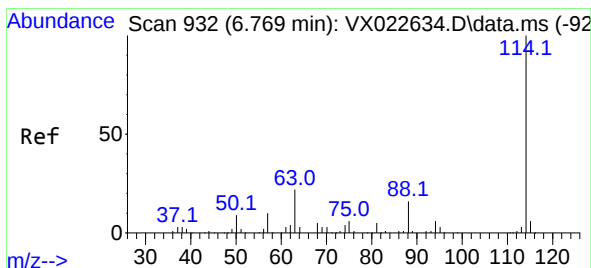
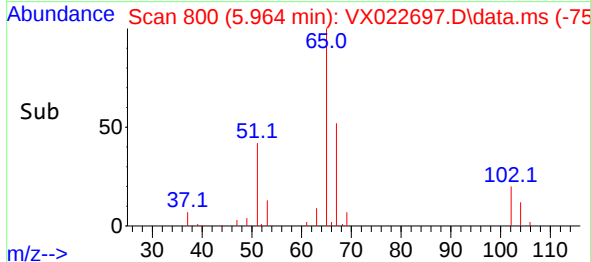
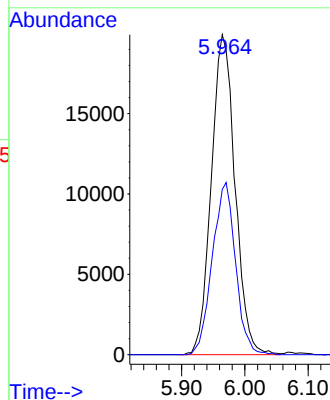
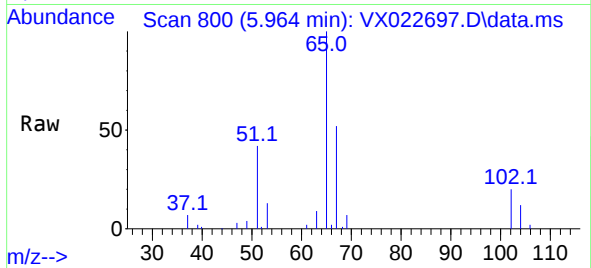




#33
1,2-Dichloroethane-d4
Concen: 46.551 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

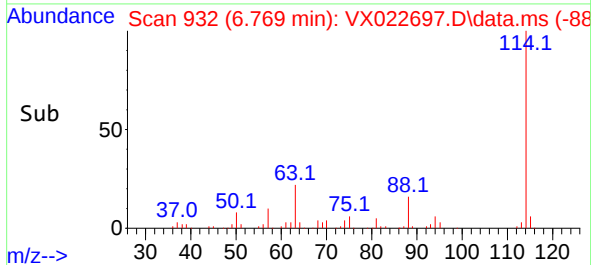
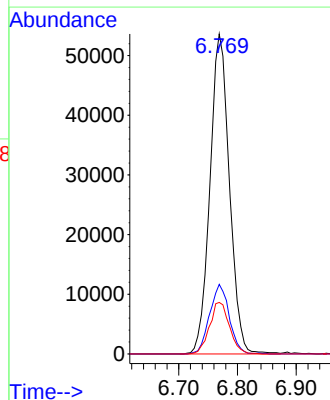
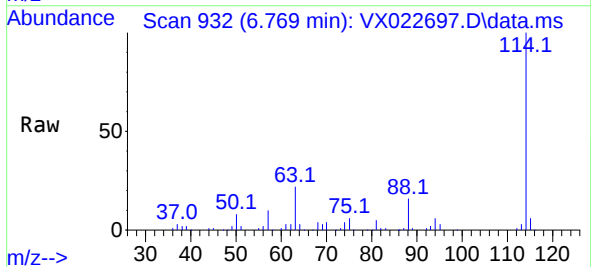
Instrument :
MSVOA_X
ClientSampled :
MW-2

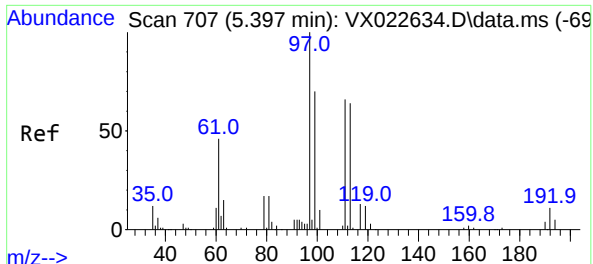
Tgt Ion: 65 Resp: 51828
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion: 114 Resp: 123488
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.1 0.0 32.8

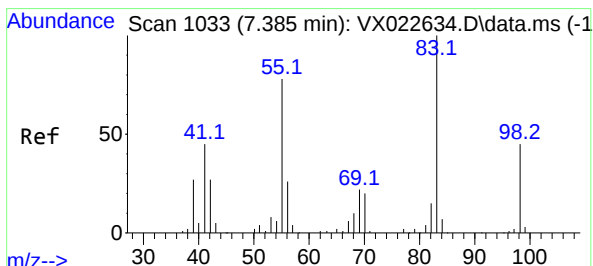
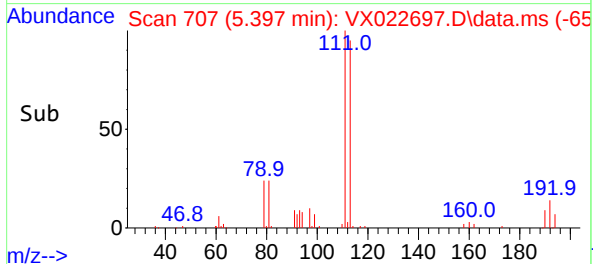
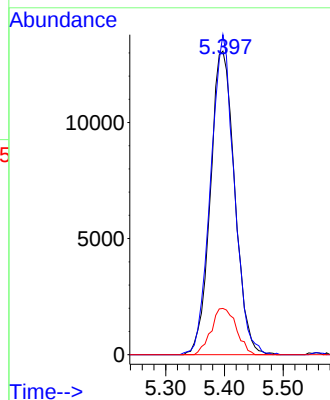
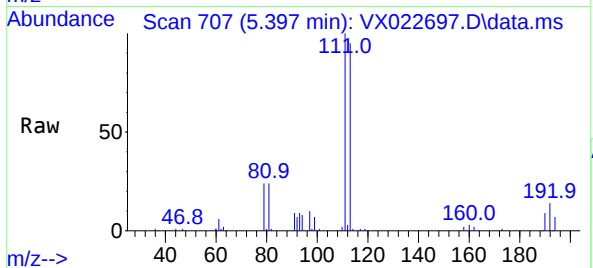




#35
Dibromofluoromethane
Concen: 47.781 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

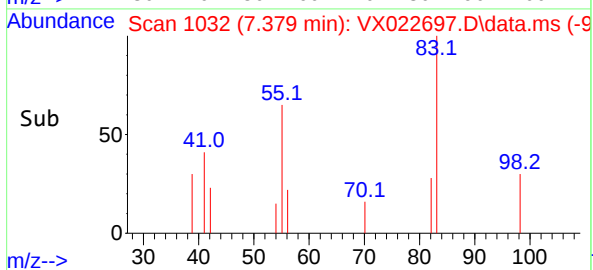
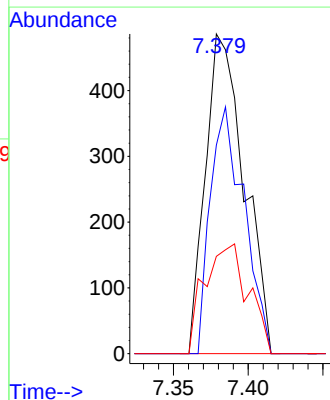
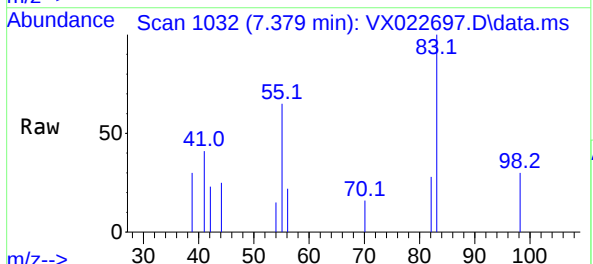
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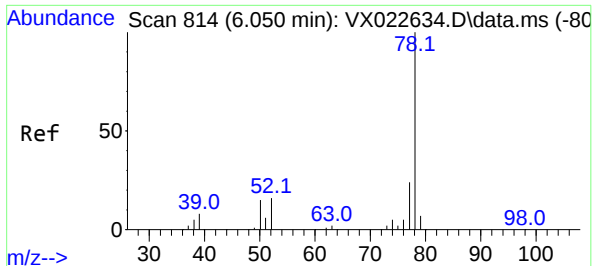
Tgt Ion:113 Resp: 37646
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 15.7 16.7 25.1#



#39
Methylcyclohexane
Concen: 0.682 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion: 83 Resp: 876
Ion Ratio Lower Upper
83 100
55 65.2 58.9 88.3
98 30.5 38.1 57.1#

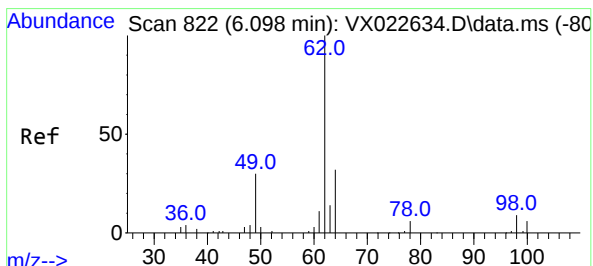
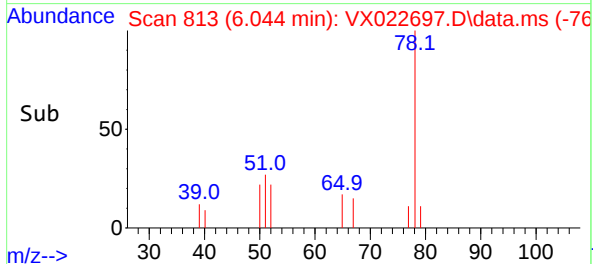
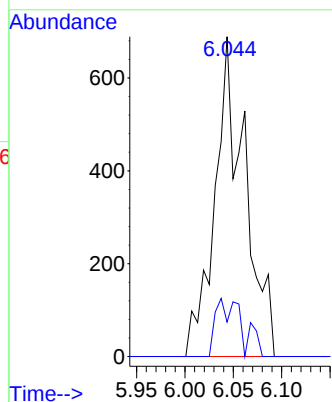
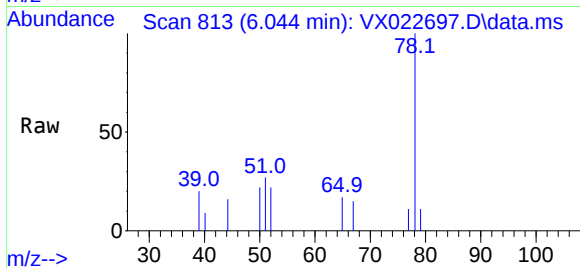




#40
Benzene
Concen: 0.408 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

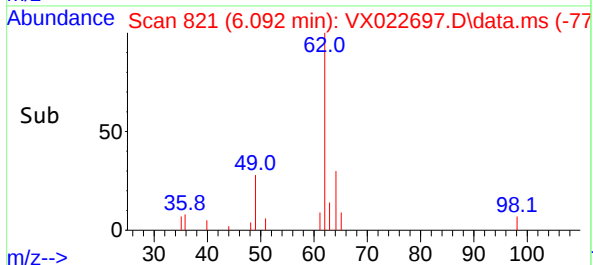
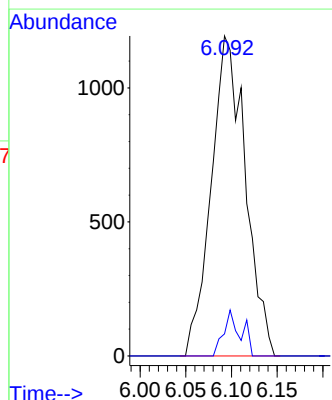
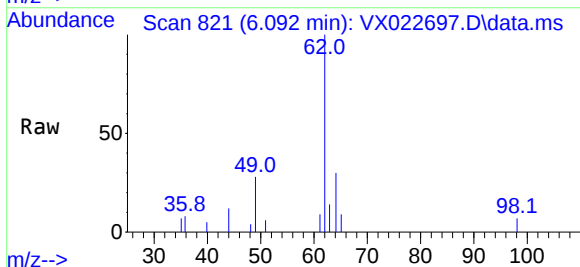
Instrument :
MSVOA_X
ClientSampled :
MW-2

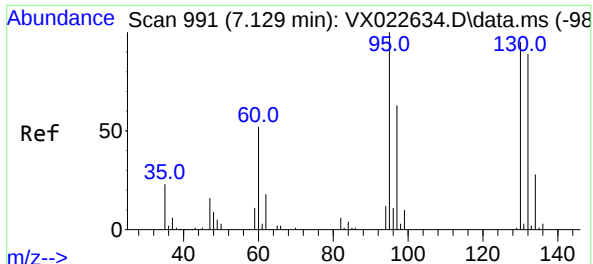
Tgt Ion: 78 Resp: 1495
Ion Ratio Lower Upper
78 100
77 10.7 18.9 28.3#



#42
1,2-Dichloroethane
Concen: 2.305 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion: 62 Resp: 3104
Ion Ratio Lower Upper
62 100
98 7.1 0.0 20.2

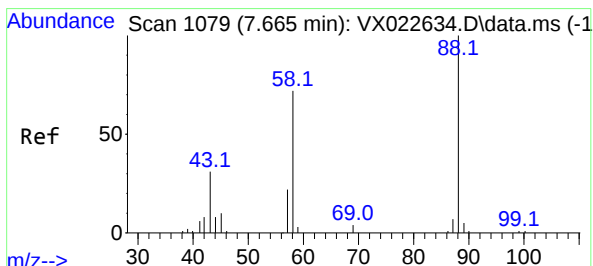
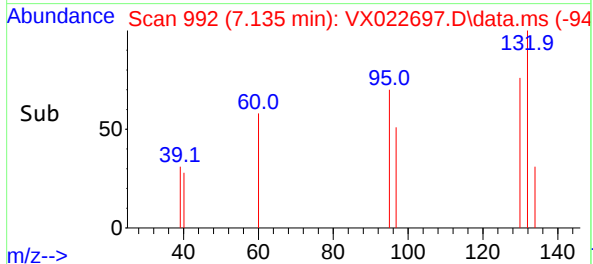
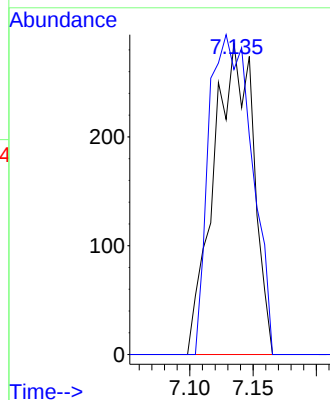
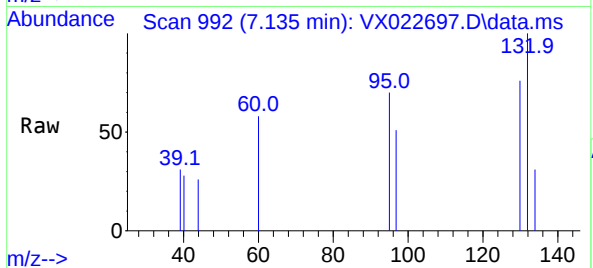




#44
Trichloroethene
Concen: 0.728 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

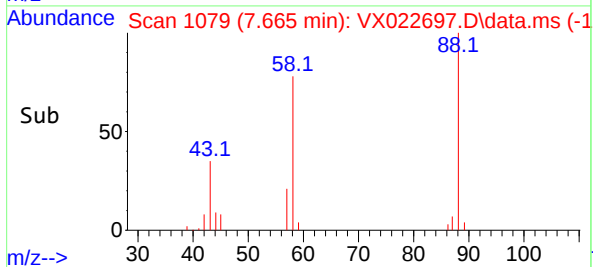
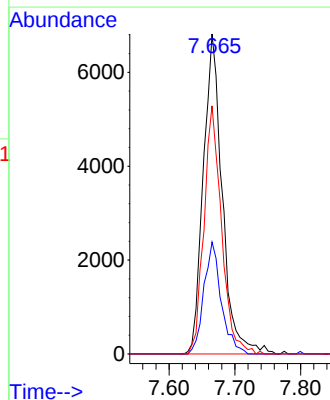
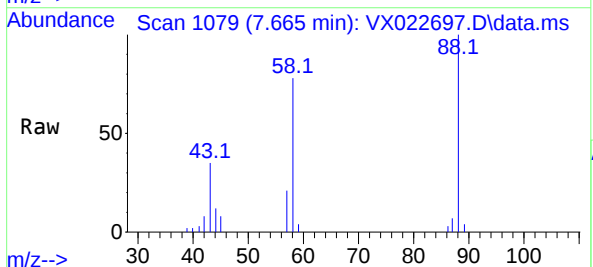
Instrument :
MSVOA_X
ClientSampled :
MW-2

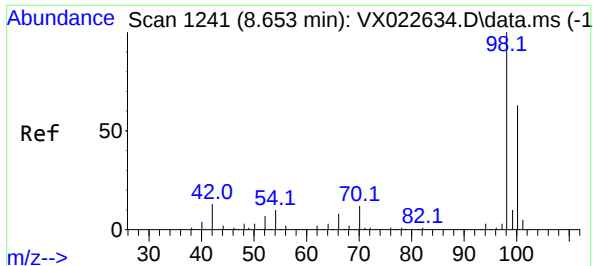
Tgt Ion:130 Resp: 626
Ion Ratio Lower Upper
130 100
95 91.6 0.0 198.0



#49
1,4-Dioxane
Concen: 606.943 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion: 88 Resp: 13696
Ion Ratio Lower Upper
88 100
43 32.0 23.2 34.8
58 71.9 55.0 82.4





#50

Toluene-d8

Concen: 47.684 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022697.D

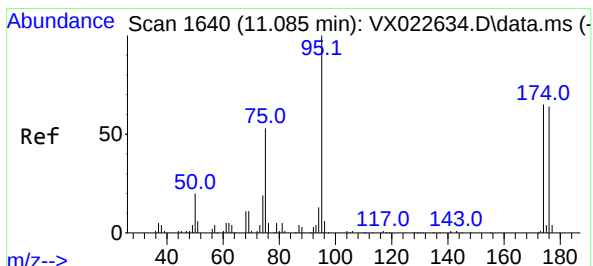
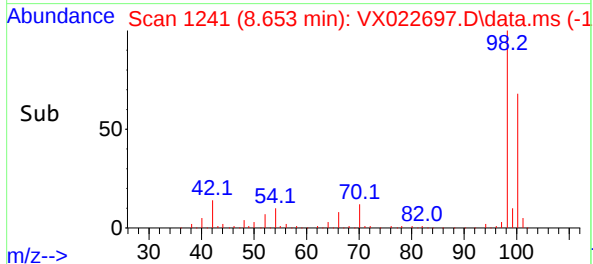
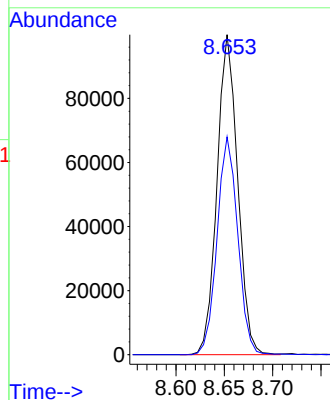
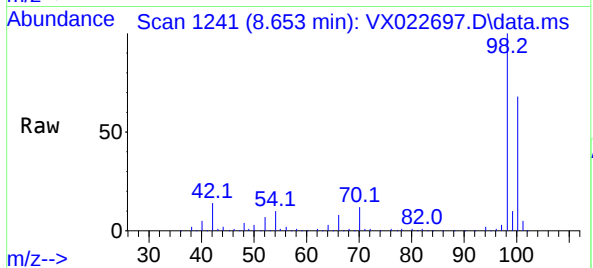
Acq: 14 Jun 2021 16:39

Tgt Ion: 98 Resp: 148100

Ion Ratio Lower Upper

98 100

100 68.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.955 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022697.D

Acq: 14 Jun 2021 16:39

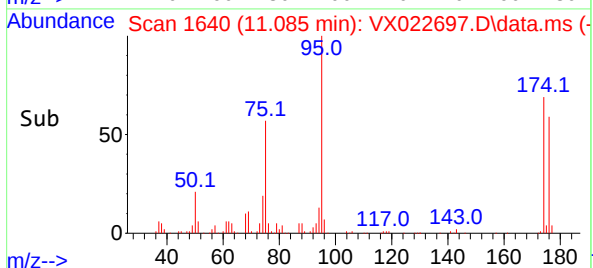
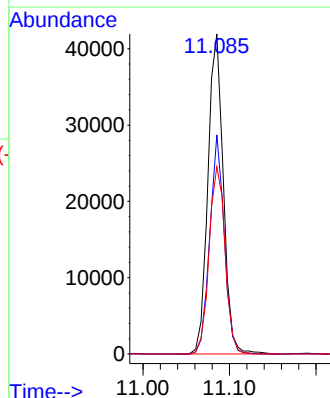
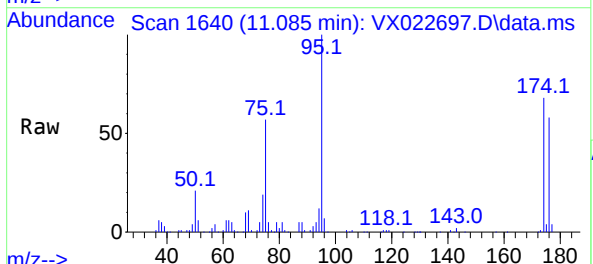
Tgt Ion: 95 Resp: 51632

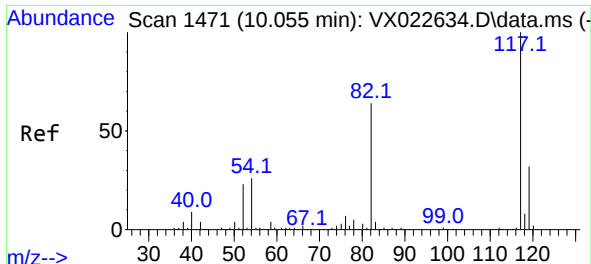
Ion Ratio Lower Upper

95 100

174 64.3 0.0 154.6

176 60.6 0.0 155.8

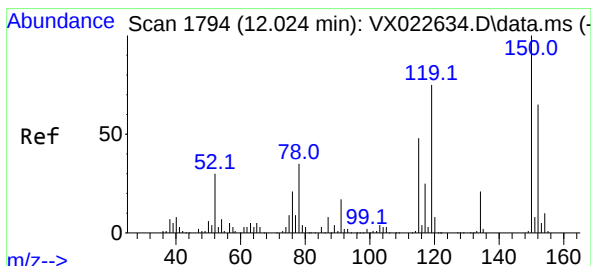
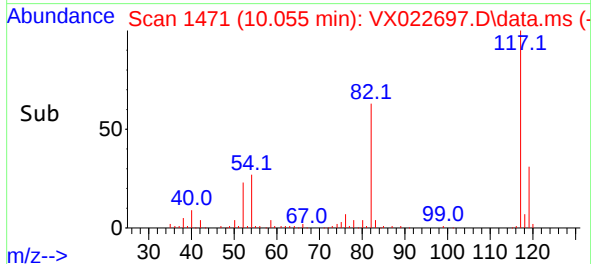
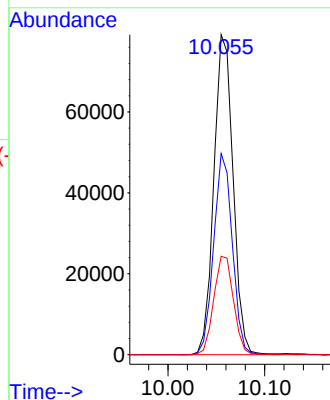
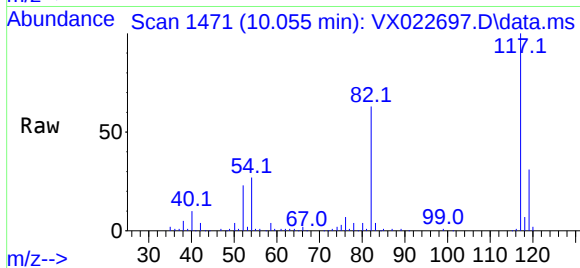




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tgt Ion:117 Resp: 108980
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 30.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022697.D
Acq: 14 Jun 2021 16:39

Tgt Ion:152 Resp: 42862
Ion Ratio Lower Upper
152 100
115 68.6 41.1 123.3
150 156.5 0.0 349.0

