

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022707.D
 Acq On : 15 Jun 2021 18:31
 Operator : JC/MD
 Sample : M2712-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 16 05:27:31 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)

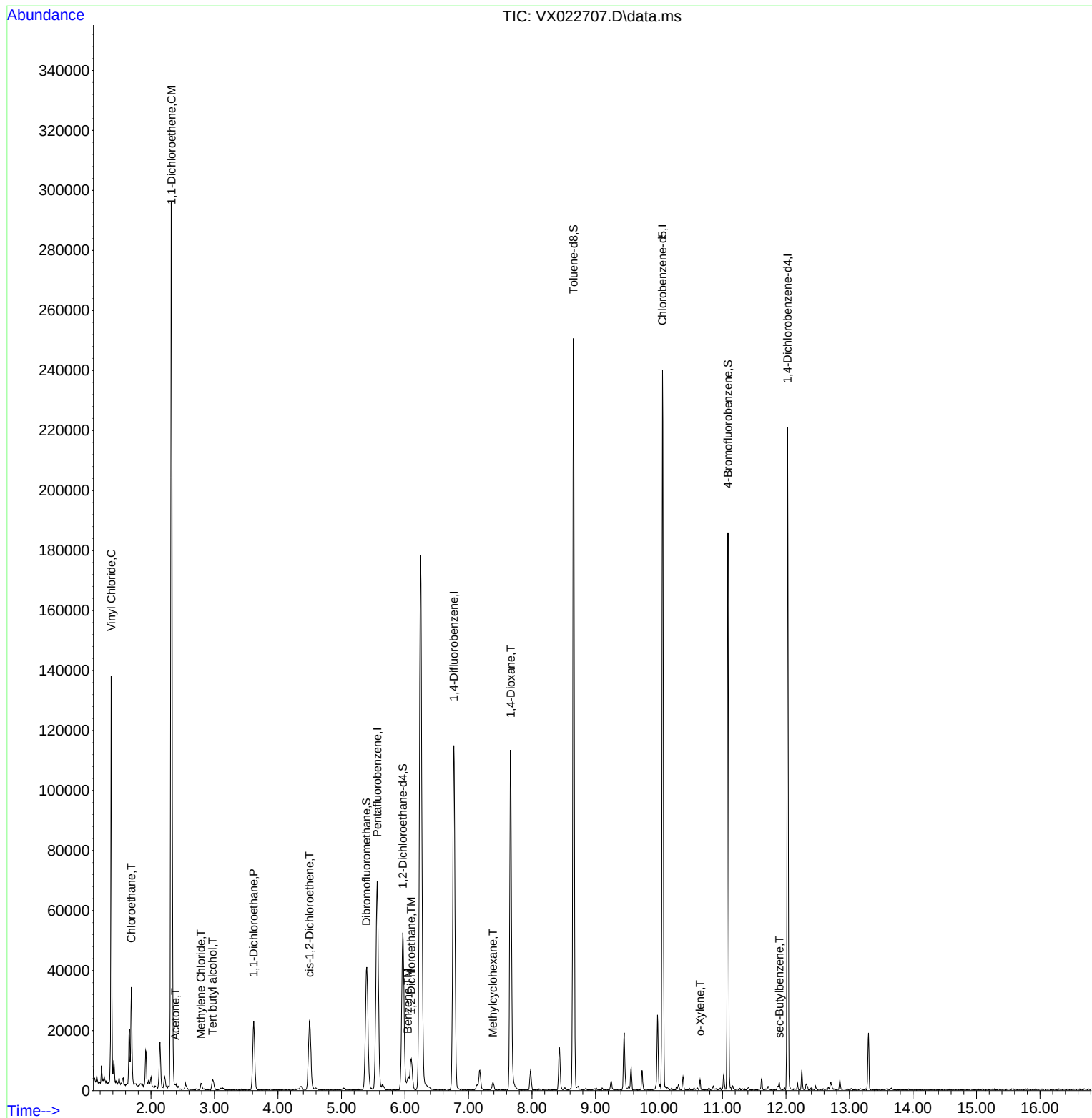
Internal Standards						
1) Pentafluorobenzene	5.562	168	56873	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47892	46.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.391	113	34822	48.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	8.653	98	139286	48.720	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.085	95	48318	44.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	71119	89.751	ug/l	98
6) Chloroethane	1.691	64	18075	37.671	ug/l	96
11) Tert butyl alcohol	2.971	59	3985	16.827	ug/l	# 89
12) 1,1-Dichloroethene	2.325	96	92560	134.052	ug/l	95
16) Acetone	2.386	43	930	2.031	ug/l	98
20) Methylene Chloride	2.788	84	740	0.562	ug/l	# 90
24) 1,1-Dichloroethane	3.617	63	23672	15.441	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	14122	15.149	ug/l	92
39) Methylcyclohexane	7.385	83	1072	0.907	ug/l	93
40) Benzene	6.044	78	4621	1.371	ug/l	97
42) 1,2-Dichloroethane	6.099	62	10457	8.437	ug/l	99
49) 1,4-Dioxane	7.665	88	84768	4081.022	ug/l	99
69) o-Xylene	10.647	106	682	0.502	ug/l	96
85) sec-Butylbenzene	11.896	105	1280	0.392	ug/l	86

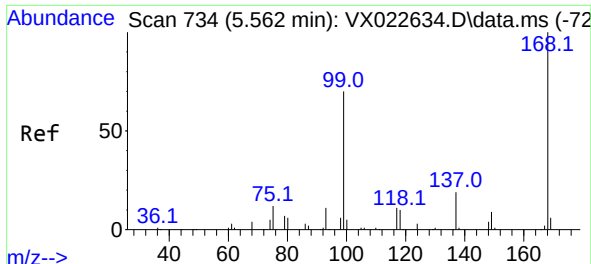
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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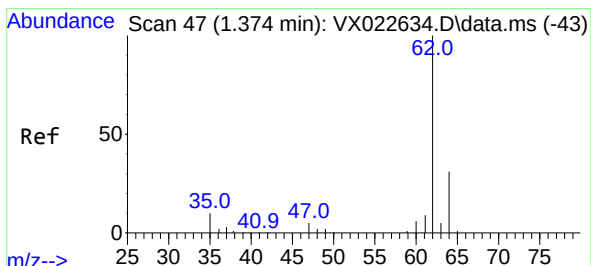
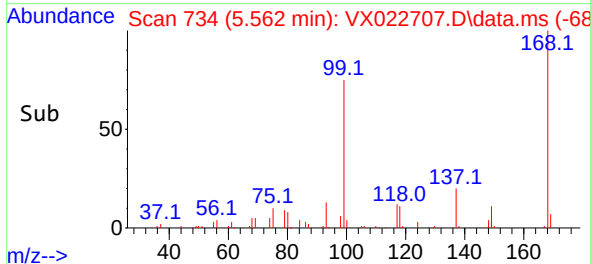
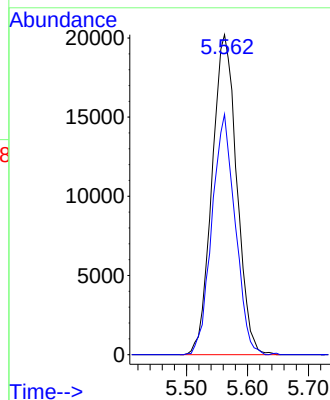
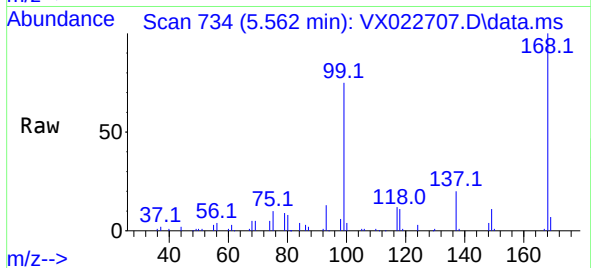




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

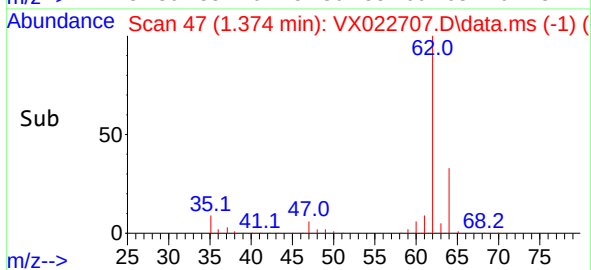
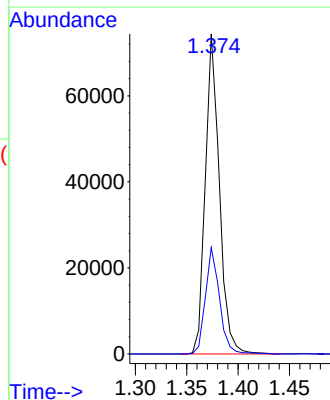
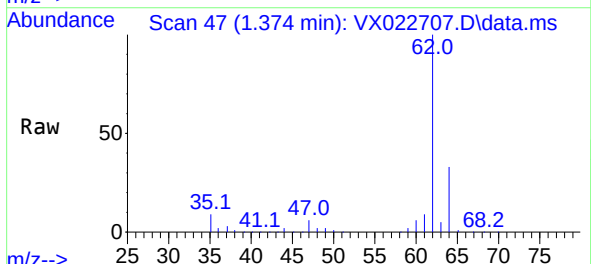
Instrument :
MSVOA_X
ClientSampled :
MW-1

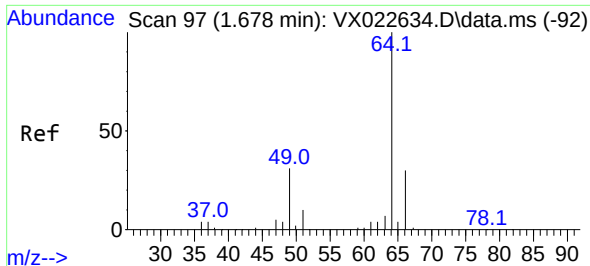
Tgt Ion:168 Resp: 56873
Ion Ratio Lower Upper
168 100
99 75.1 45.8 68.6#



#4
Vinyl Chloride
Concen: 89.751 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion: 62 Resp: 71119
Ion Ratio Lower Upper
62 100
64 33.3 25.7 38.5

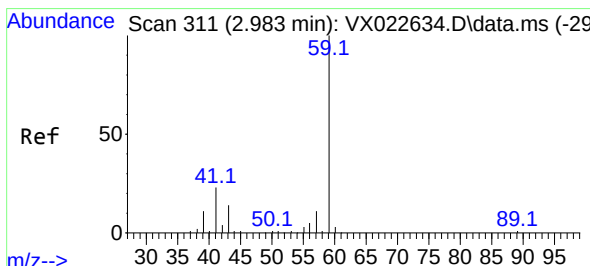
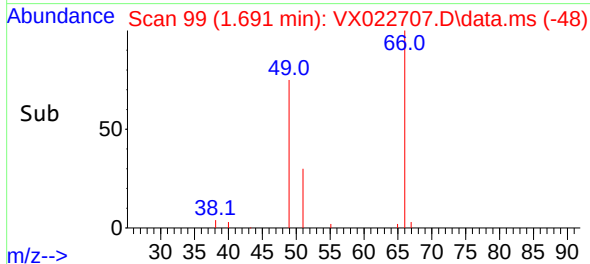
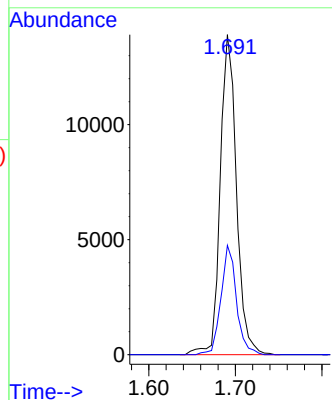
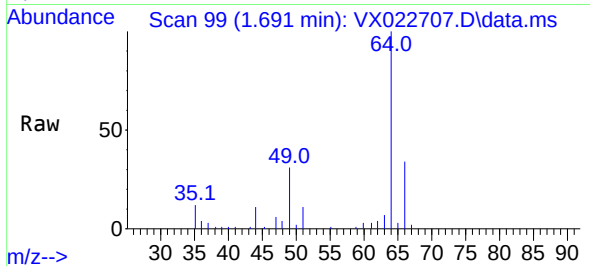




#6
Chloroethane
Concen: 37.671 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

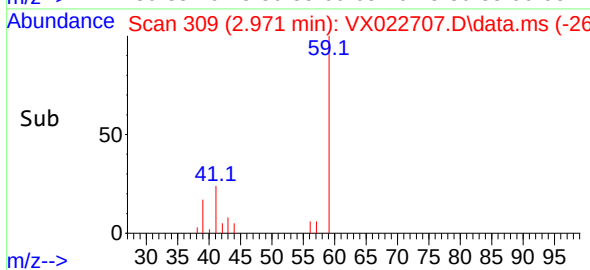
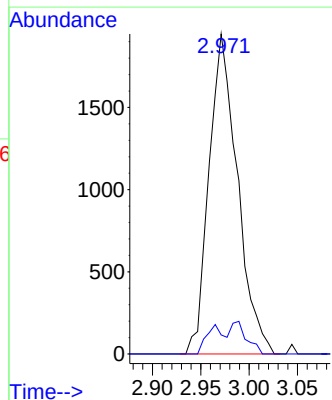
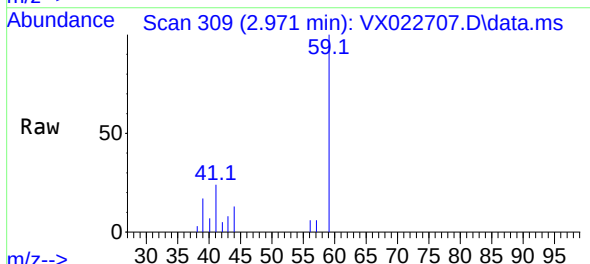
Instrument :
MSVOA_X
ClientSampled :
MW-1

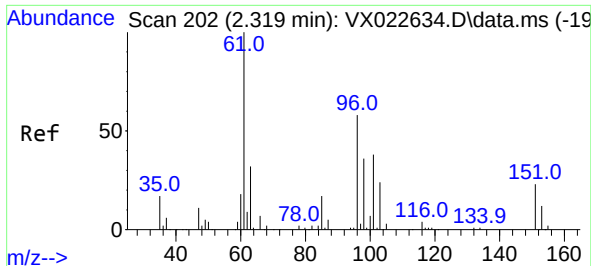
Tgt Ion: 64 Resp: 18075
Ion Ratio Lower Upper
64 100
66 34.2 25.4 38.0



#11
Tert butyl alcohol
Concen: 16.827 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion: 59 Resp: 3985
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 134.052 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022707.D

Acq: 15 Jun 2021 18:31

Tgt Ion: 96 Resp: 92560

Ion Ratio Lower Upper

96 100

61 164.3 124.6 187.0

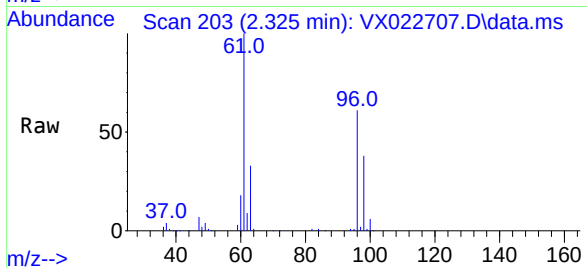
98 62.5 50.6 76.0

Instrument :

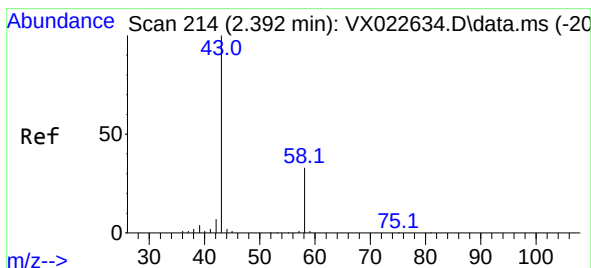
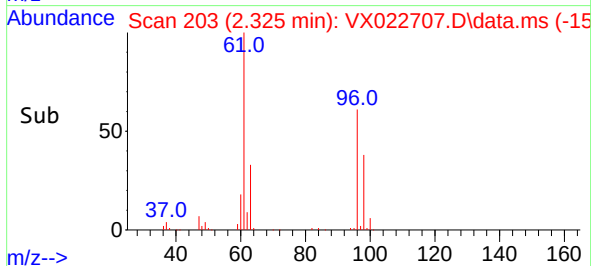
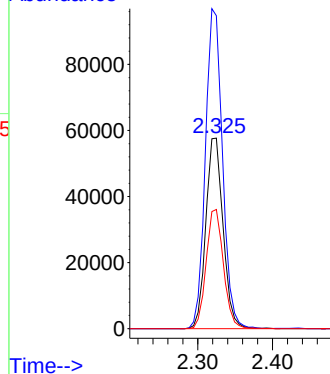
MSVOA_X

ClientSampleId :

MW-1



Abundance



#16

Acetone

Concen: 2.031 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022707.D

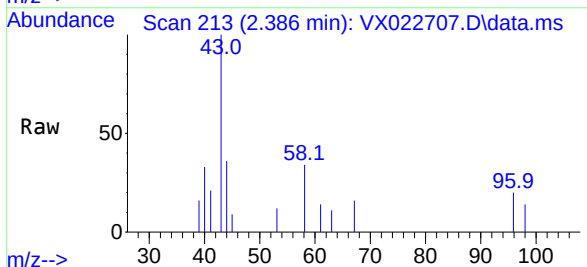
Acq: 15 Jun 2021 18:31

Tgt Ion: 43 Resp: 930

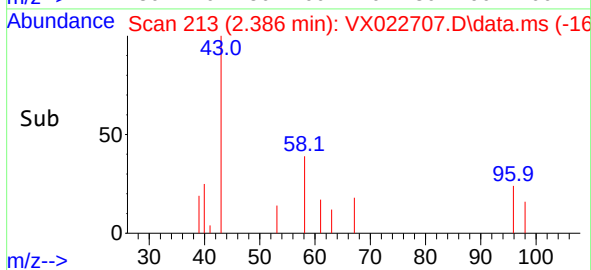
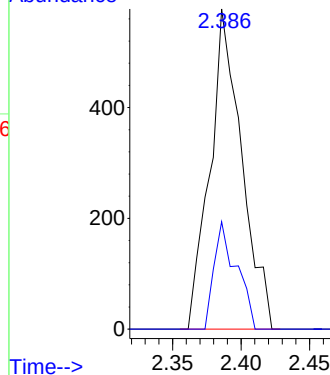
Ion Ratio Lower Upper

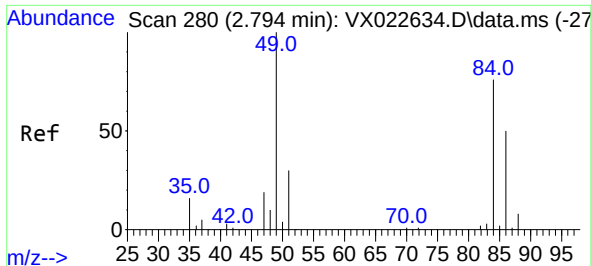
43 100

58 33.6 27.8 41.8



Abundance



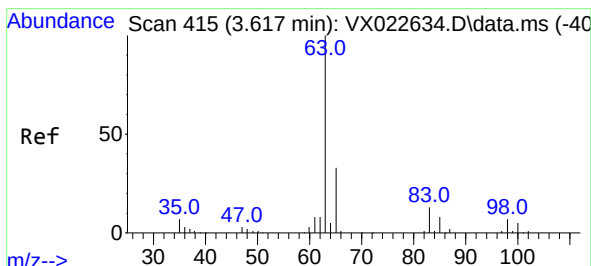
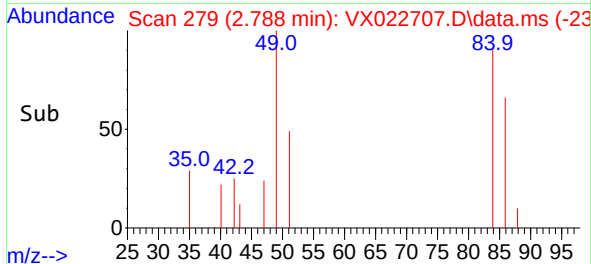
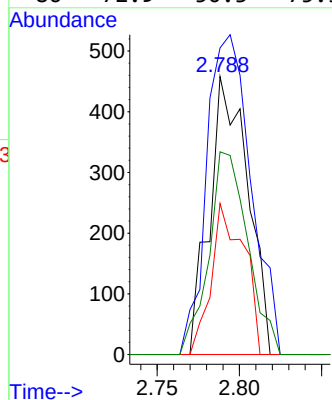
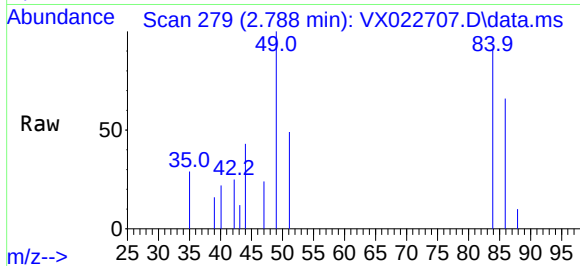


#20
Methylene Chloride
Concen: 0.562 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 84 Resp: 740

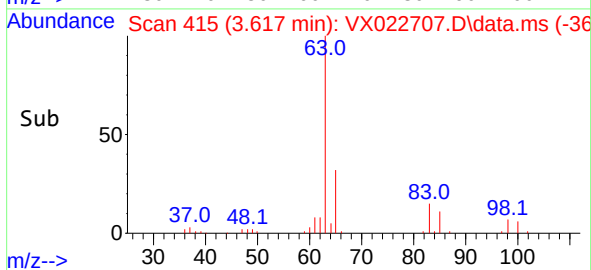
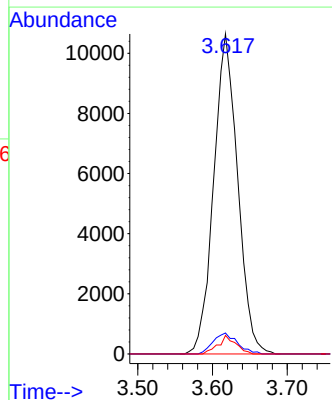
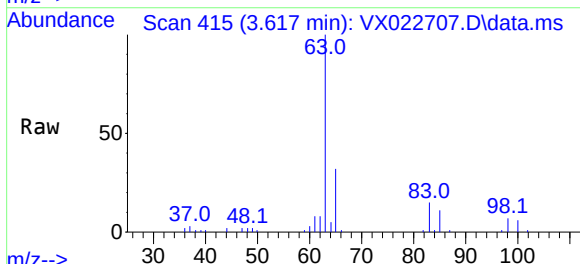
Ion	Ratio	Lower	Upper
84	100		
49	110.3	88.6	132.8
51	54.4	27.0	40.6#
86	72.9	50.3	75.5

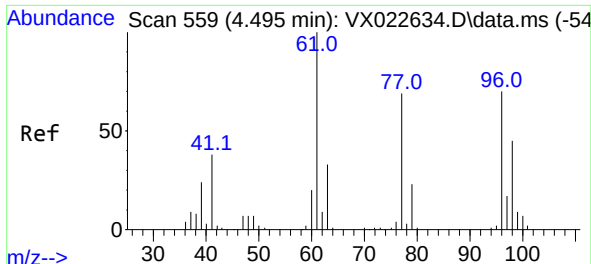


#24
1,1-Dichloroethane
Concen: 15.441 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion: 63 Resp: 23672

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.8	11.2
100	5.8	2.5	7.5

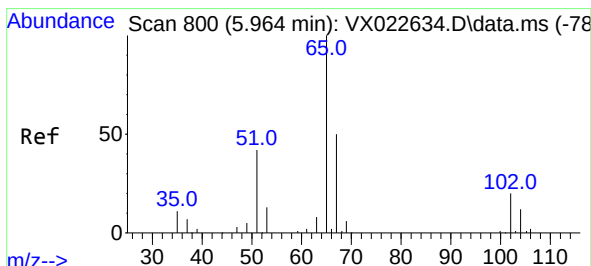
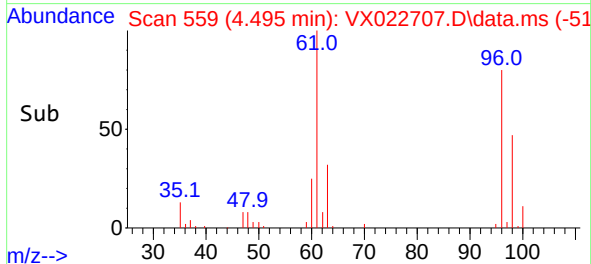
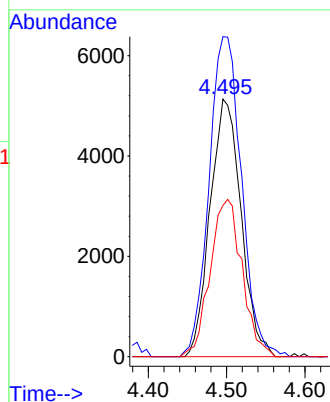
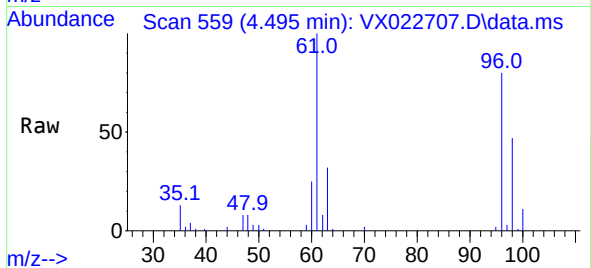




#27
cis-1,2-Dichloroethene
Concen: 15.149 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

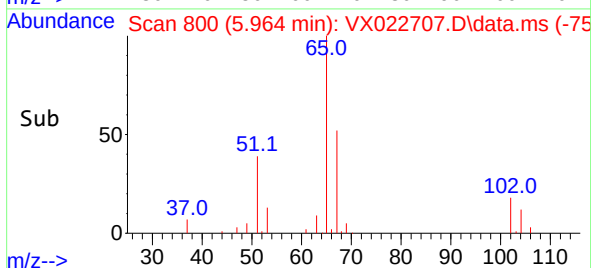
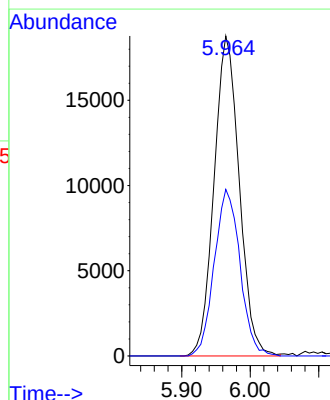
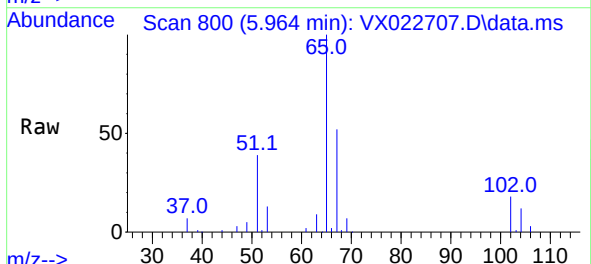
Instrument :
MSVOA_X
ClientSampleId :
MW-1

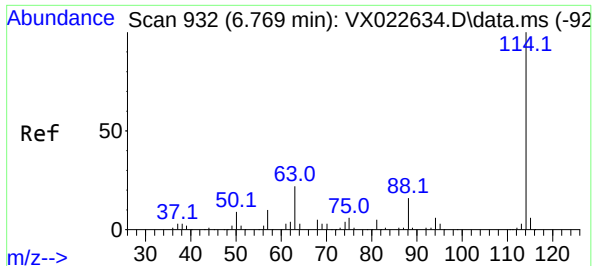
Tgt Ion:	96	Resp:	14122
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	285.6
98	63.1	0.0	129.6



#33
1,2-Dichloroethane-d4
Concen: 46.822 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion:	65	Resp:	47892
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

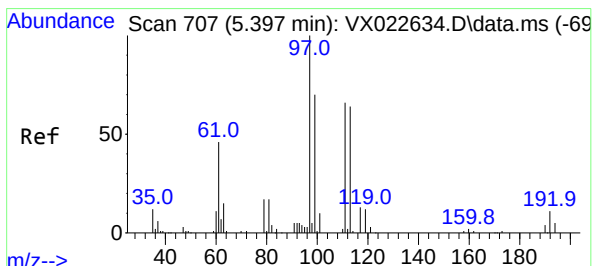
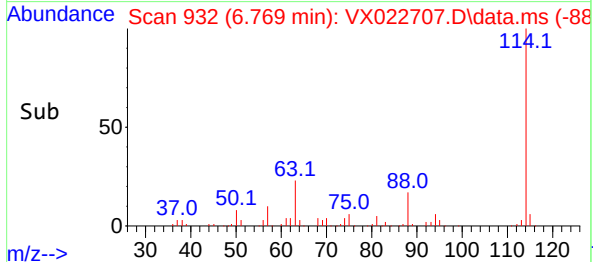
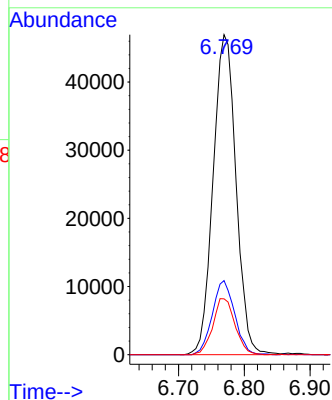
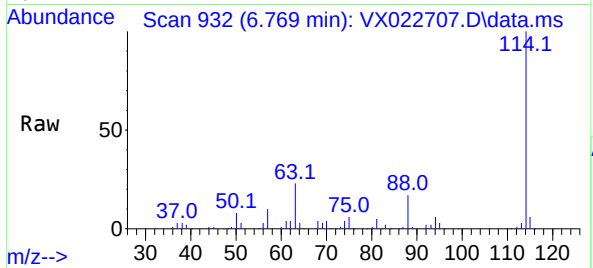




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

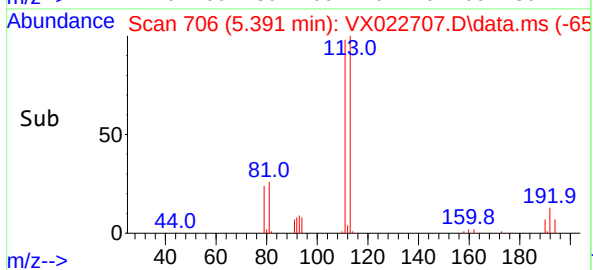
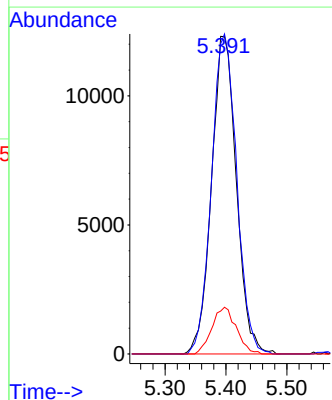
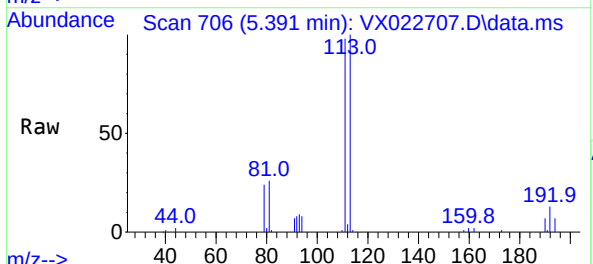
Instrument :
MSVOA_X
ClientSampleId :
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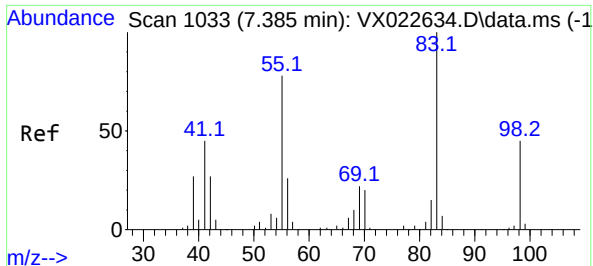
Tgt Ion:114 Resp: 113669
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.015 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion:113 Resp: 34822
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 14.5 16.7 25.1#





#39

Methylcyclohexane

Concen: 0.907 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX022707.D

Acq: 15 Jun 2021 18:31

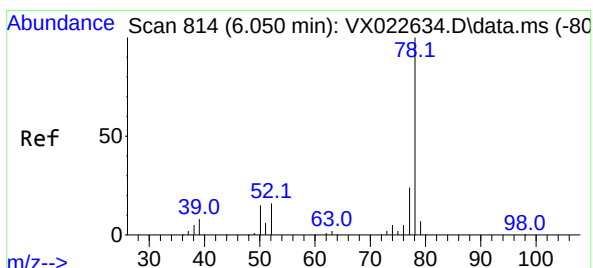
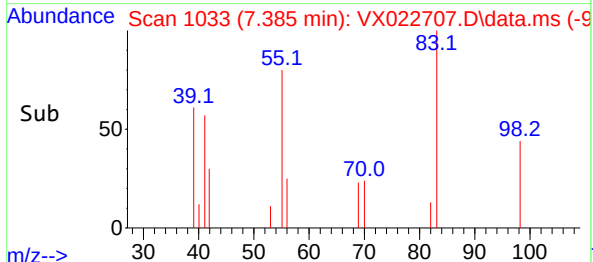
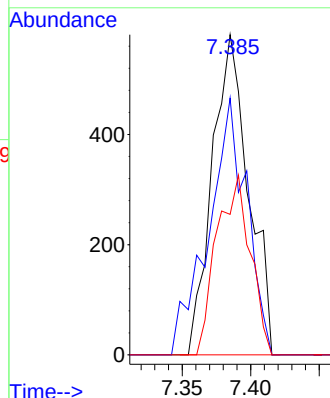
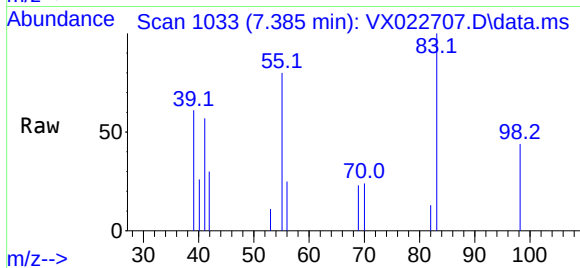
Tgt Ion: 83 Resp: 1072

Ion Ratio Lower Upper

83 100

55 80.2 58.9 88.3

98 43.9 38.1 57.1



#40

Benzene

Concen: 1.371 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.006 min

Lab File: VX022707.D

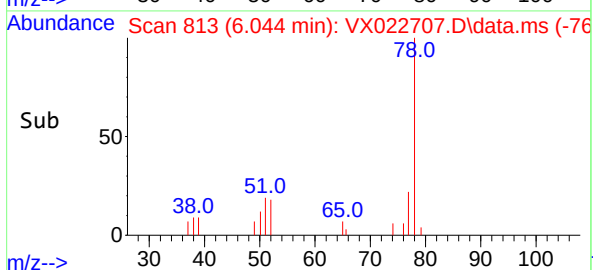
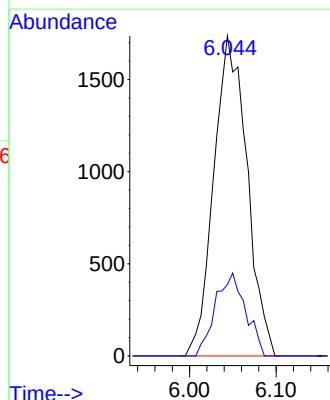
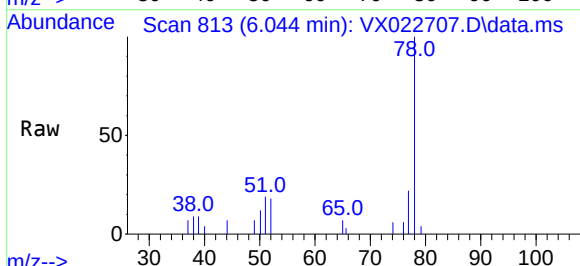
Acq: 15 Jun 2021 18:31

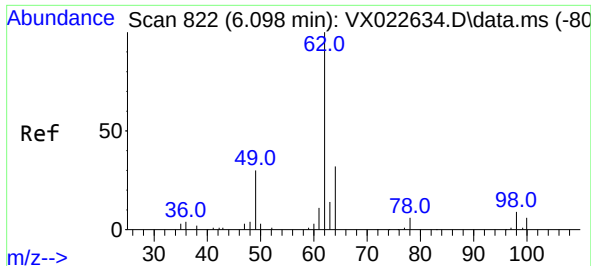
Tgt Ion: 78 Resp: 4621

Ion Ratio Lower Upper

78 100

77 22.3 18.9 28.3





#42

1,2-Dichloroethane

Concen: 8.437 ug/l

RT: 6.099 min Scan# 822

Delta R.T. 0.001 min

Lab File: VX022707.D

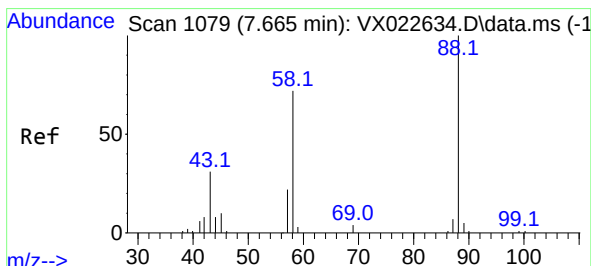
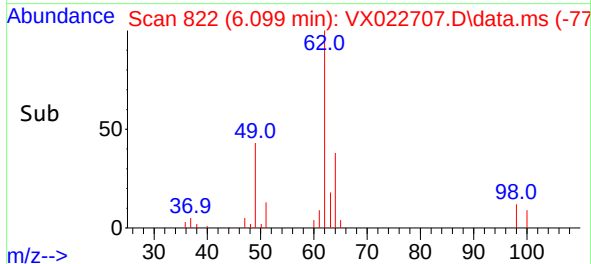
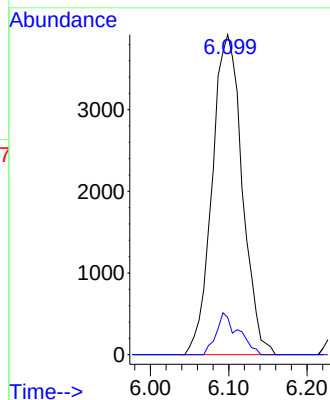
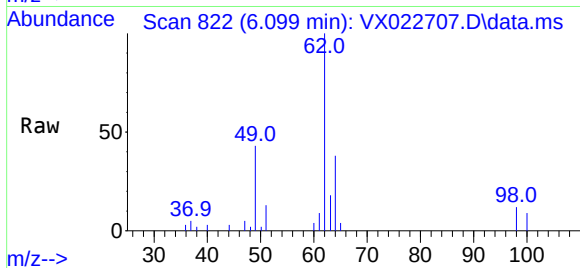
Acq: 15 Jun 2021 18:31

Tgt Ion: 62 Resp: 10457

Ion Ratio Lower Upper

62 100

98 9.6 0.0 20.2



#49

1,4-Dioxane

Concen: 4081.022 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX022707.D

Acq: 15 Jun 2021 18:31

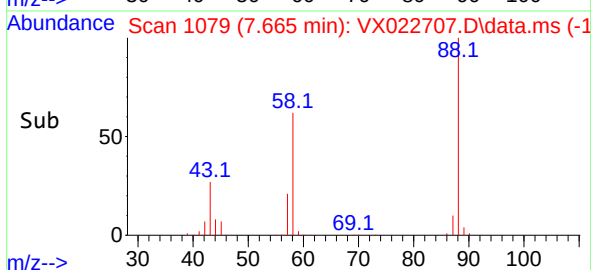
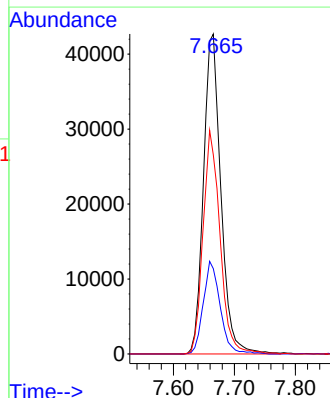
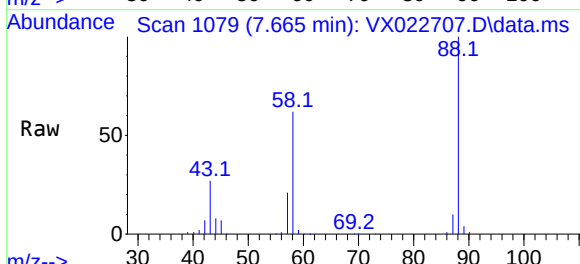
Tgt Ion: 88 Resp: 84768

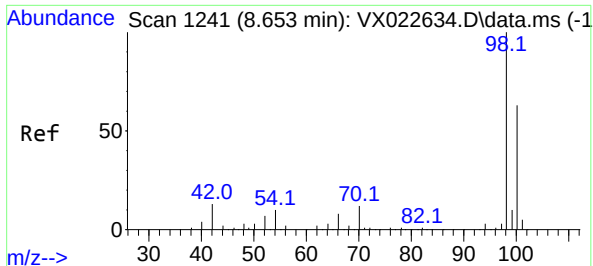
Ion Ratio Lower Upper

88 100

43 28.2 23.2 34.8

58 68.4 55.0 82.4

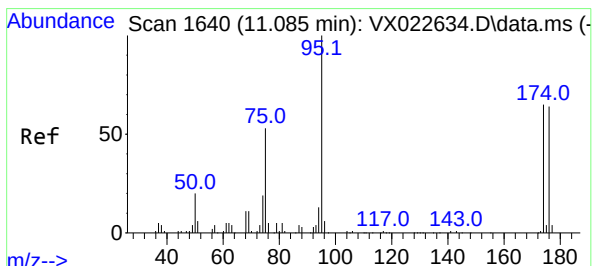
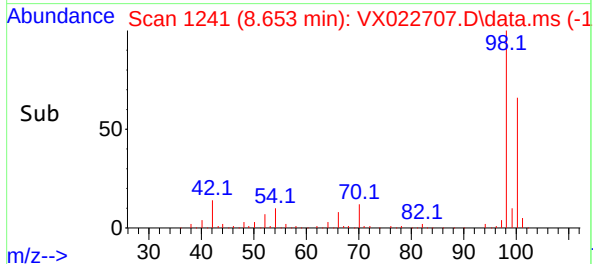
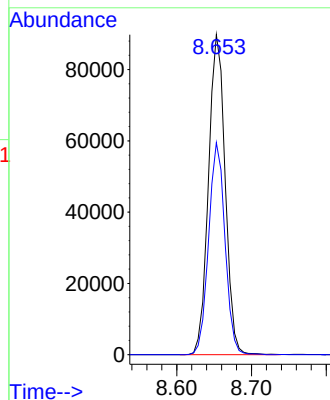
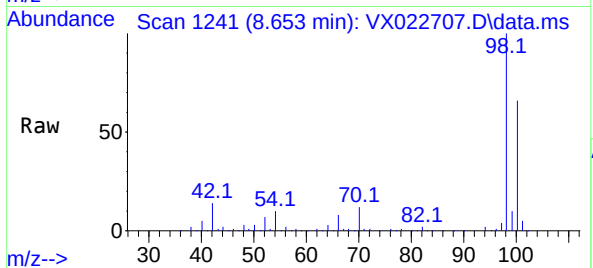




#50
Toluene-d8
Concen: 48.720 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

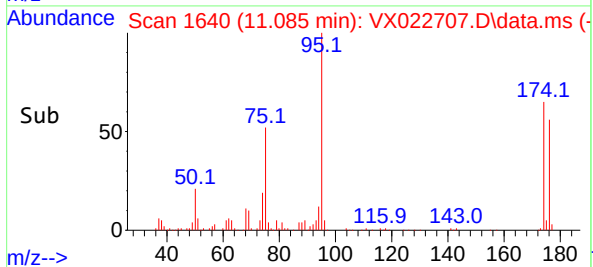
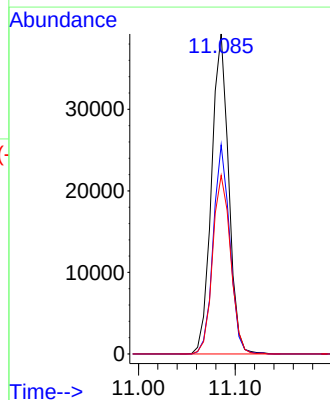
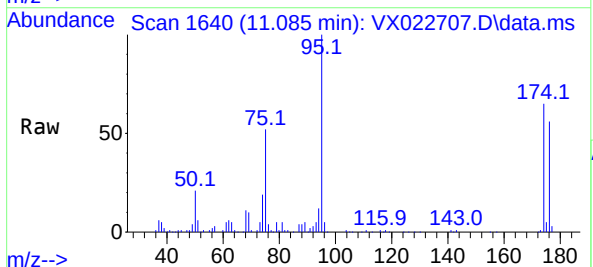
Instrument :
MSVOA_X
ClientSampled :
MW-1

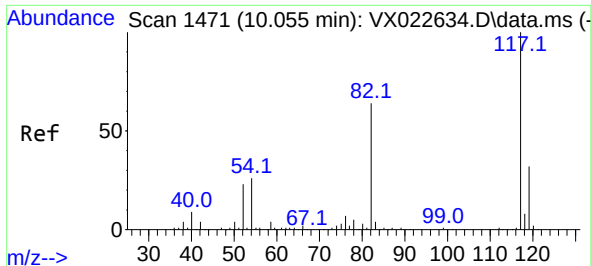
Tgt Ion: 98 Resp: 139286
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.687 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion: 95 Resp: 48318
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 58.3 0.0 155.8

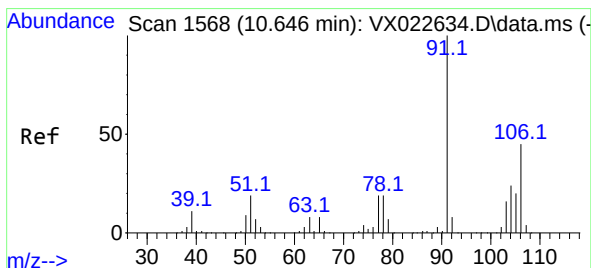
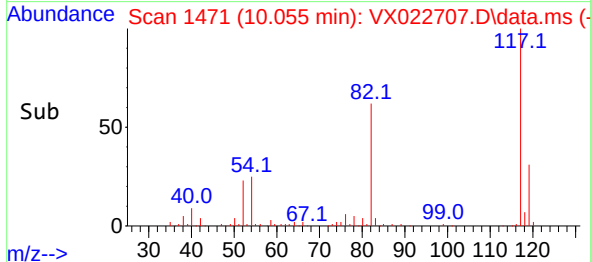
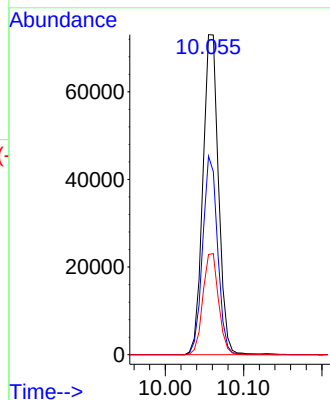
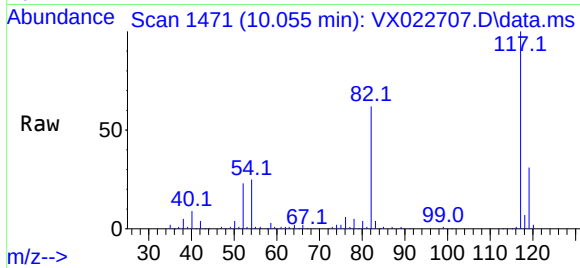




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

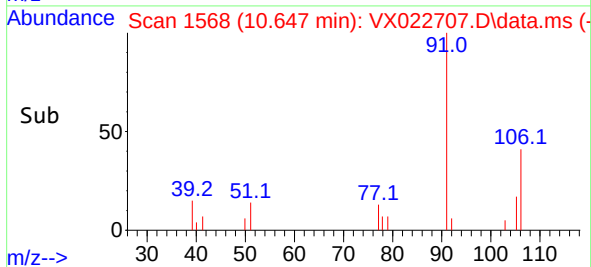
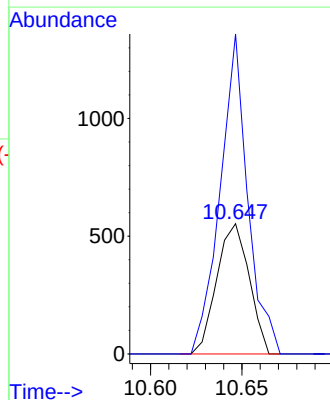
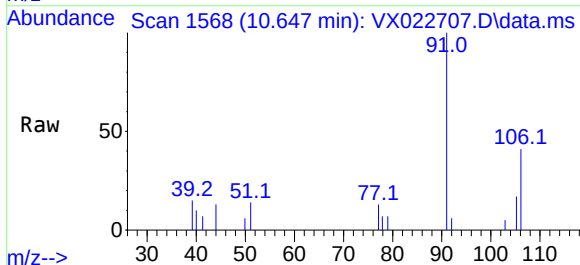
Instrument :
MSVOA_X
ClientSampled :
MW-1

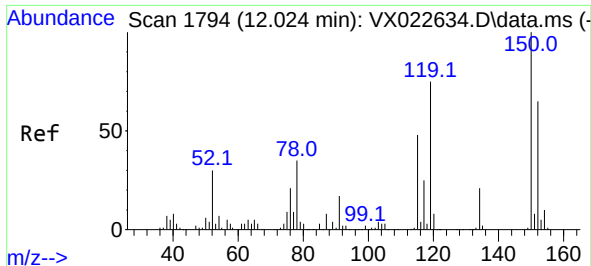
Tgt Ion:117 Resp: 100871
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 31.3 26.6 39.8



#69
o-Xylene
Concen: 0.502 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion:106 Resp: 682
Ion Ratio Lower Upper
106 100
91 209.4 108.1 324.2

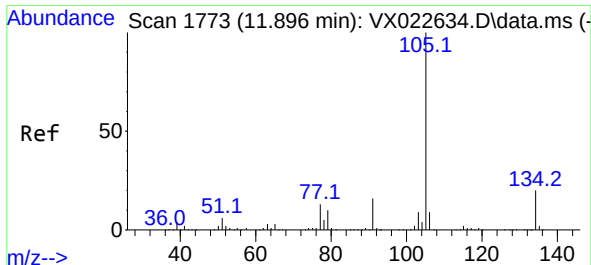
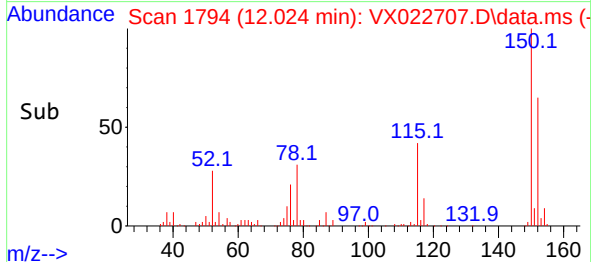
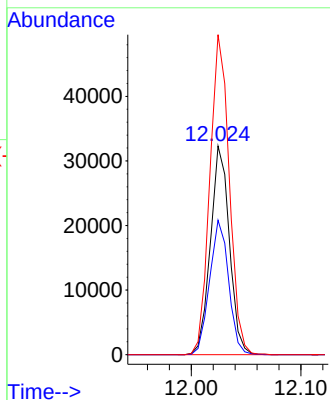
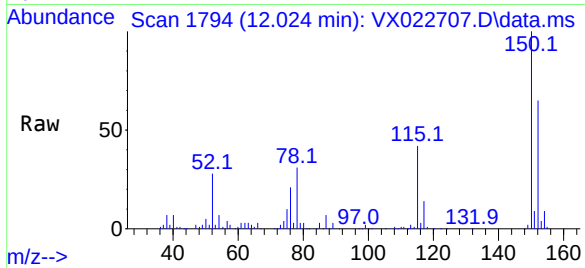




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion:152 Resp: 38898
Ion Ratio Lower Upper
152 100
115 64.5 41.1 123.3
150 156.5 0.0 349.0



#85
sec-Butylbenzene
Concen: 0.392 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022707.D
Acq: 15 Jun 2021 18:31

Tgt Ion:105 Resp: 1280
Ion Ratio Lower Upper
105 100
134 26.2 10.0 29.8

