

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023198.D
 Acq On : 08 Jul 2021 14:42
 Operator : JC/MD
 Sample : M2953-03DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 02:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

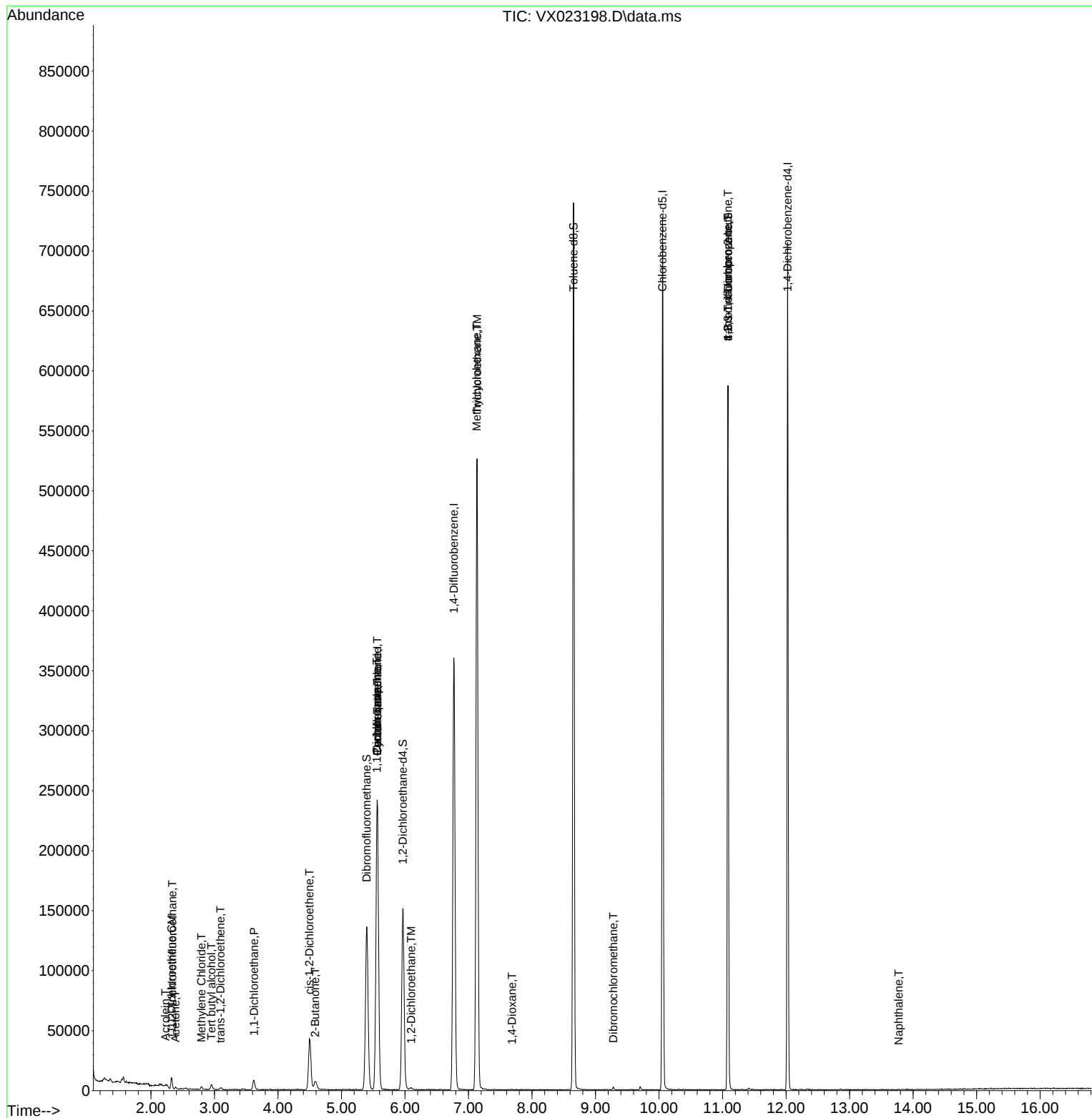
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	225650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	366362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151386	49.917	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.840%
35) Dibromofluoromethane	5.397	113	115501	48.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	8.653	98	435301	49.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.085	95	157864	46.336	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.680%
Target Compounds						
5) Bromomethane	1.611	94	503	Below Cal	#	66
9) 1,1,2-Trichlorotrifluo...	2.337	101	452	0.207	ug/l #	75
11) Tert butyl alcohol	2.953	59	2452	3.843	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	2706	1.345	ug/l	93
13) Acrolein	2.227	56	207	0.487	ug/l #	78
16) Acetone	2.386	43	1787	1.489	ug/l #	71
20) Methylene Chloride	2.794	84	1105	0.428	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	623	0.287	ug/l #	81
24) 1,1-Dichloroethane	3.623	63	8797	2.113	ug/l	98
25) 2-Butanone	4.586	43	467	0.258	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	26226	9.967	ug/l	94
31) Cyclohexane	5.562	56	4933	1.359	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	17545	5.372	ug/l #	51
38) Carbon Tetrachloride	5.562	117	23808	6.984	ug/l #	17
39) Methylcyclohexane	7.129	83	2650	0.694	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	1621	0.425	ug/l	91
44) Trichloroethene	7.135	130	202827	75.402	ug/l	100
49) 1,4-Dioxane	7.683	88	123	1.879	ug/l #	1
60) Dibromochloromethane	9.281	129	334	3.221	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	81137	28.972	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	81137	77.954	ug/l #	12
95) Naphthalene	13.774	128	161	1.291	ug/l #	69

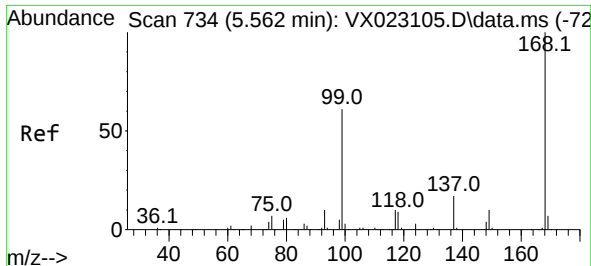
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
Data File : VX023198.D
Acq On : 08 Jul 2021 14:42
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Sample : M2953-03DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

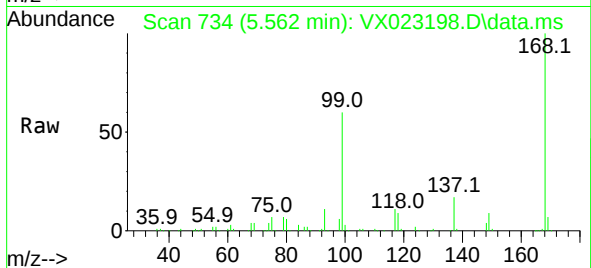
Quant Time: Jul 09 02:10:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration



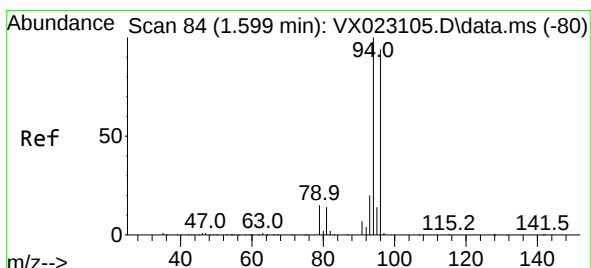
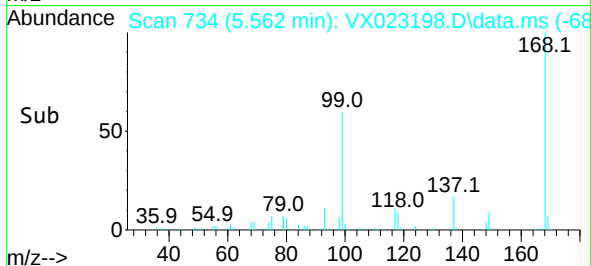
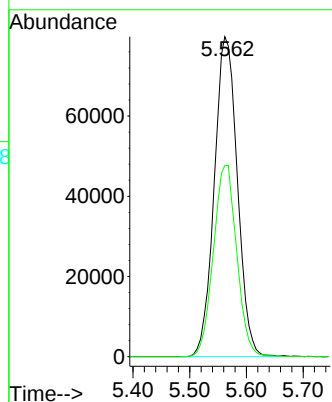


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Instrument :
MSVOA_X
ClientSampled :

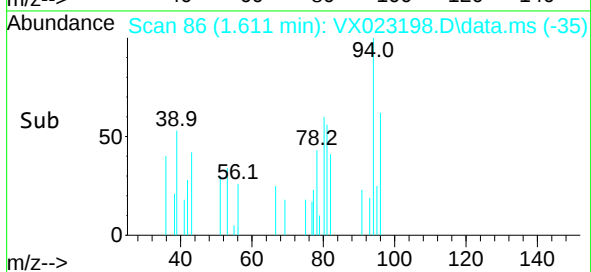
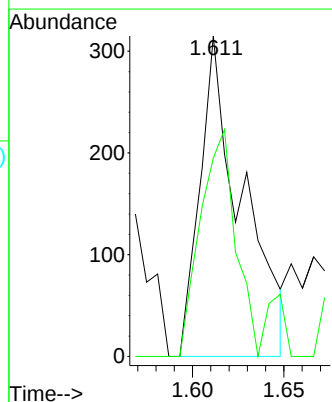
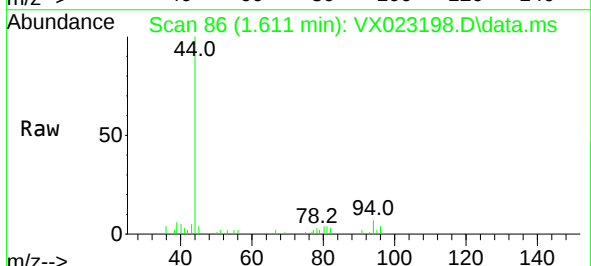


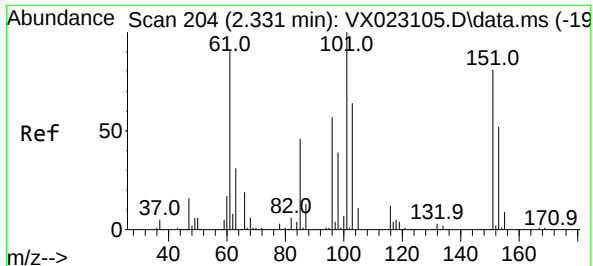
Tgt Ion:168 Resp: 225650
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 61.9 76.4 114.6#

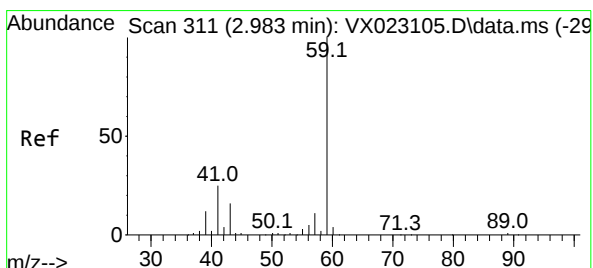
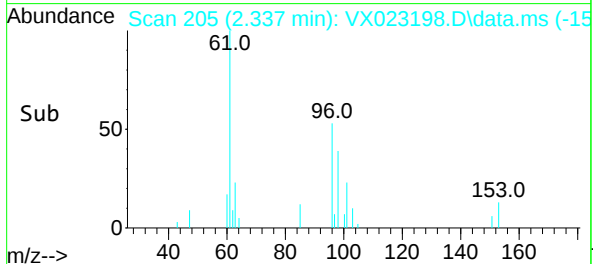
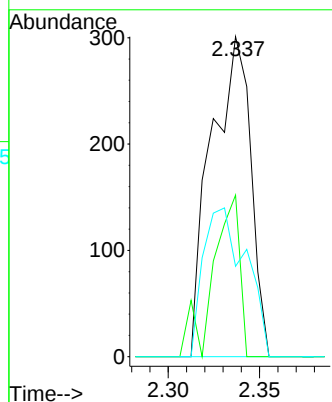
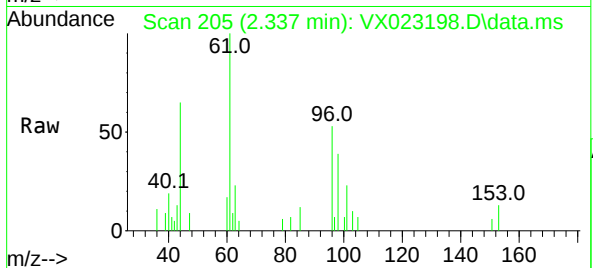




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.207 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

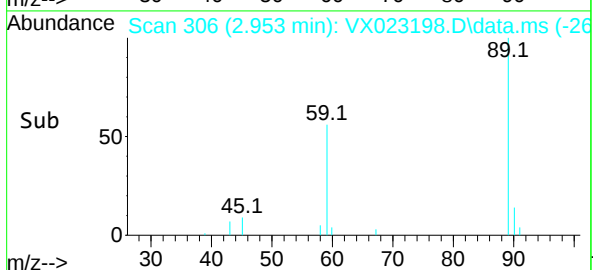
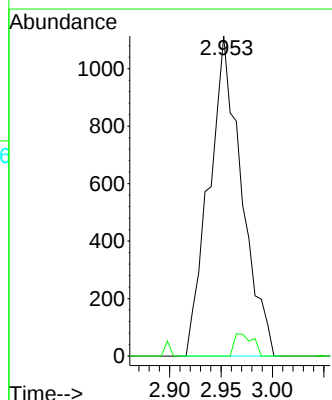
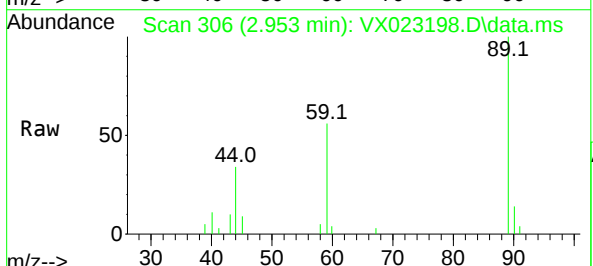
Instrument :
MSVOA_X
ClientSampled :

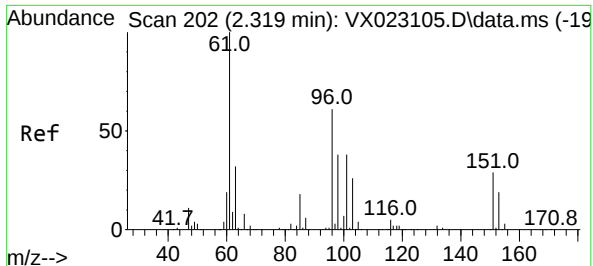
Tgt Ion:101 Resp: 452
Ion Ratio Lower Upper
101 100
85 34.1 34.9 52.3#
151 50.0 61.4 92.2#



#11
Tert butyl alcohol
Concen: 3.843 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 59 Resp: 2452
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.345 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX023198.D

Acq: 08 Jul 2021 14:42

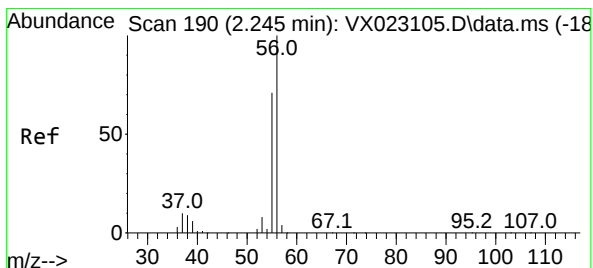
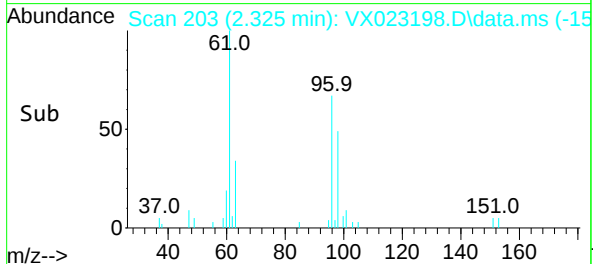
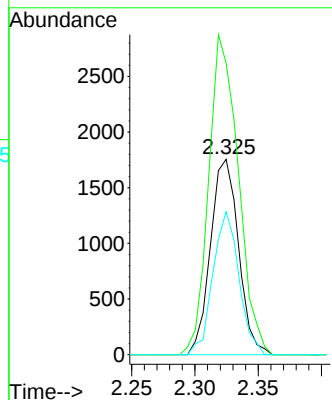
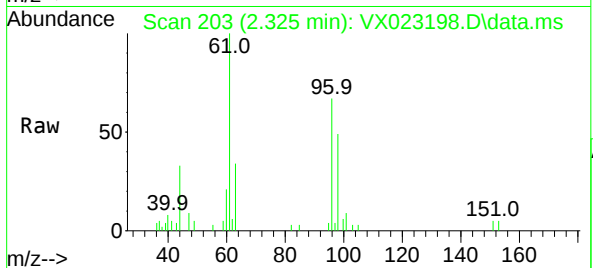
Tgt Ion: 96 Resp: 2706

Ion Ratio Lower Upper

96 100

61 149.1 124.6 187.0

98 73.2 50.6 76.0



#13

Acrolein

Concen: 0.487 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.018 min

Lab File: VX023198.D

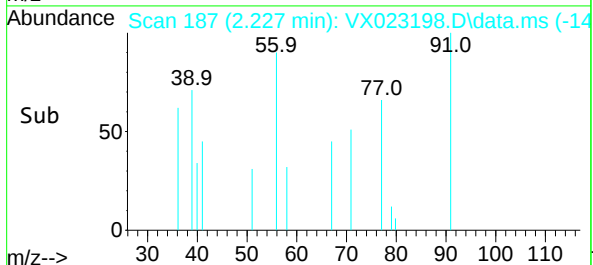
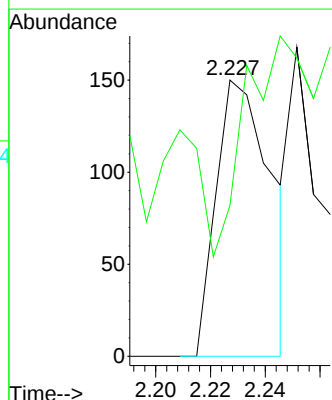
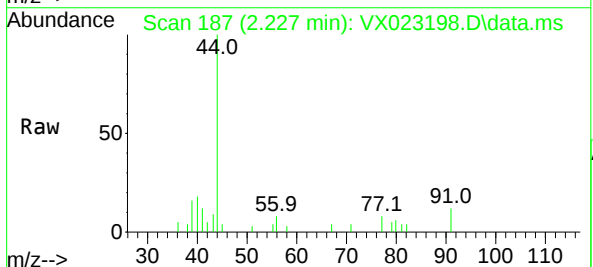
Acq: 08 Jul 2021 14:42

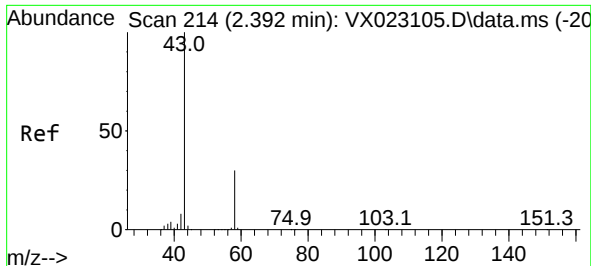
Tgt Ion: 56 Resp: 207

Ion Ratio Lower Upper

56 100

55 52.7 56.4 84.6#

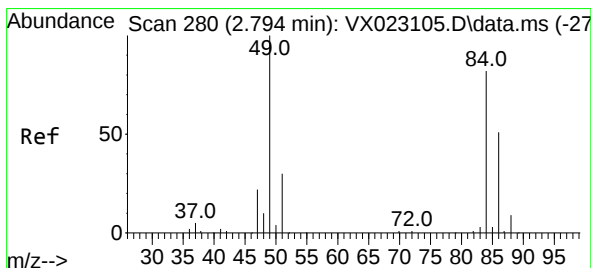
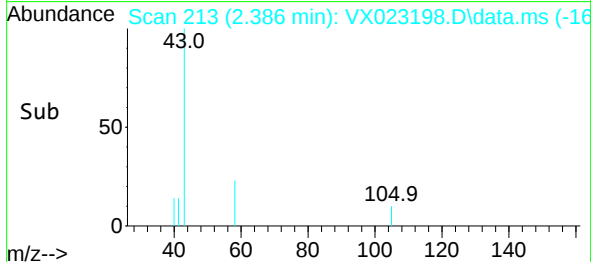
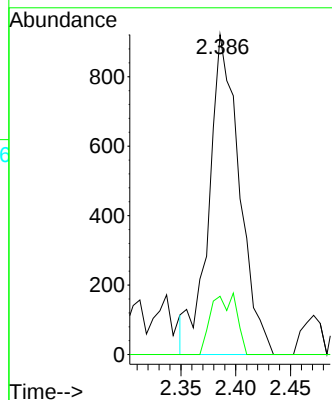
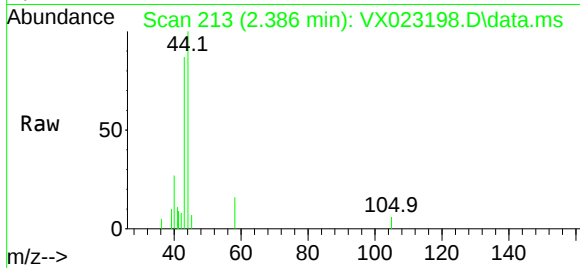




#16
Acetone
Concen: 1.489 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

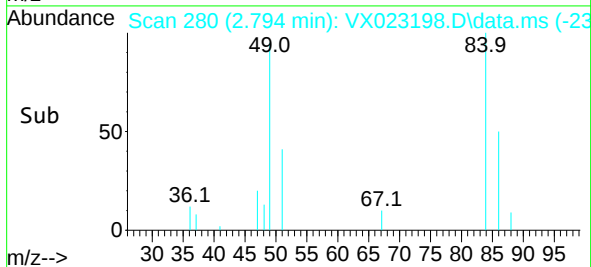
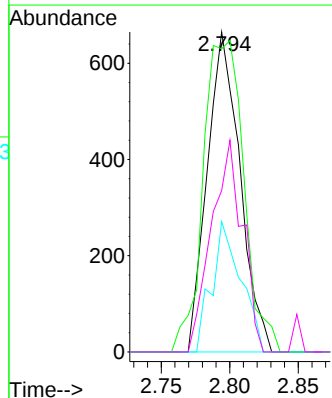
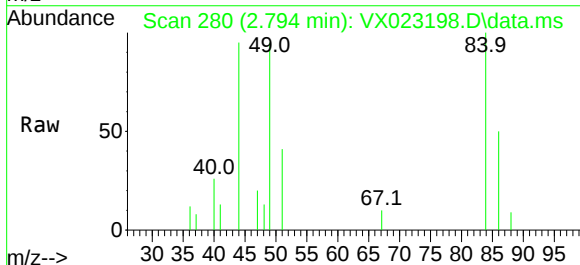
Instrument :
MSVOA_X
ClientSampled :

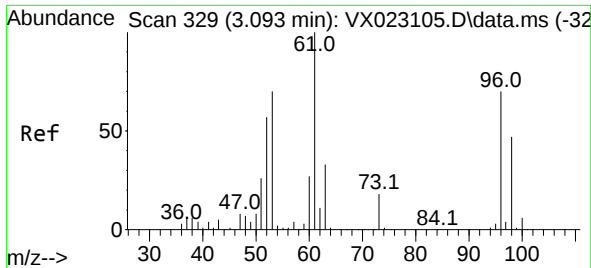
Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
58 18.2 27.8 41.8#



#20
Methylene Chloride
Concen: 0.428 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 84 Resp: 1105
Ion Ratio Lower Upper
84 100
49 94.7 88.6 132.8
51 40.8 27.0 40.6#
86 50.4 50.3 75.5

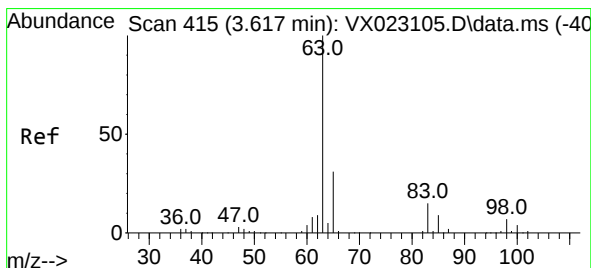
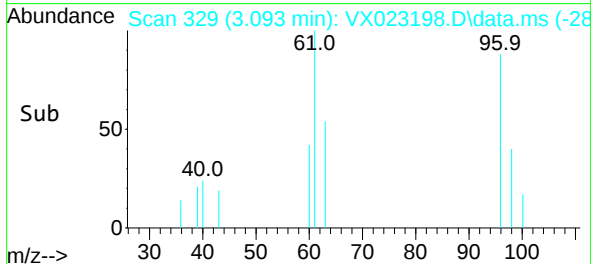
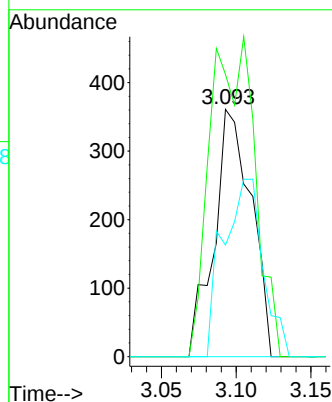
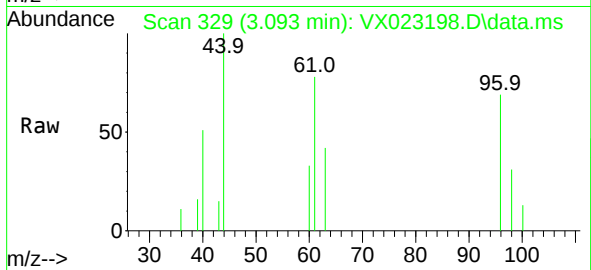




#21
trans-1,2-Dichloroethene
Concen: 0.287 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

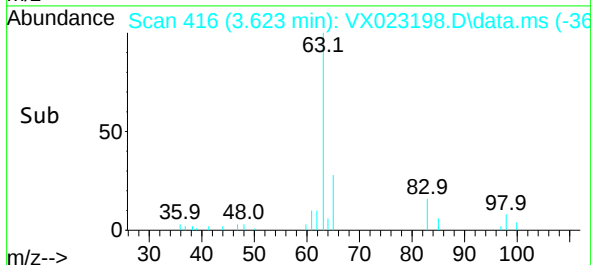
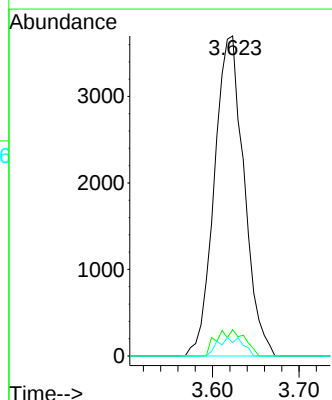
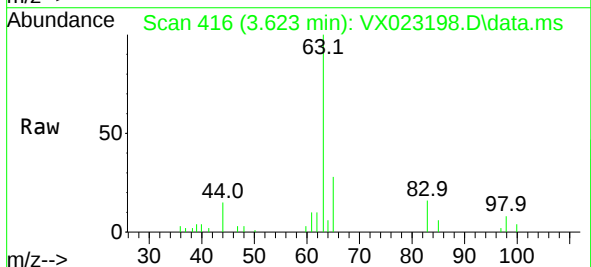
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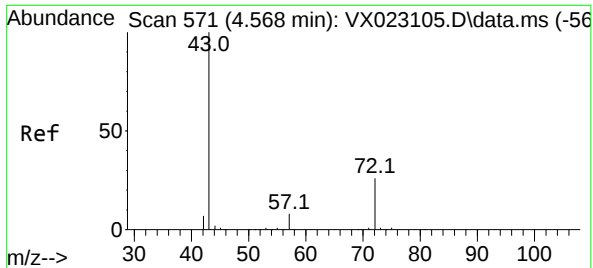
Tgt Ion: 96 Resp: 623
Ion Ratio Lower Upper
96 100
61 114.1 107.7 161.5
98 45.2 50.4 75.6#



#24
1,1-Dichloroethane
Concen: 2.113 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 63 Resp: 8797
Ion Ratio Lower Upper
63 100
98 8.2 3.8 11.2
100 4.2 2.5 7.5

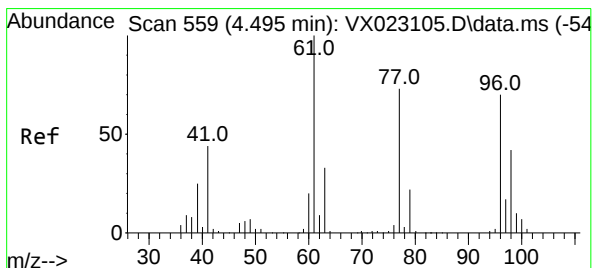
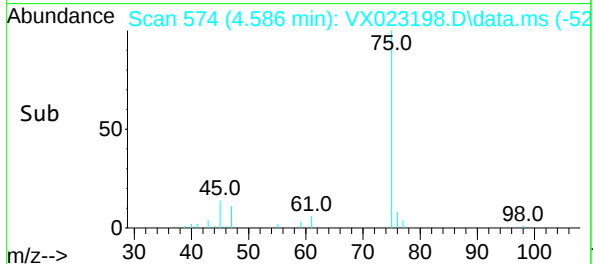
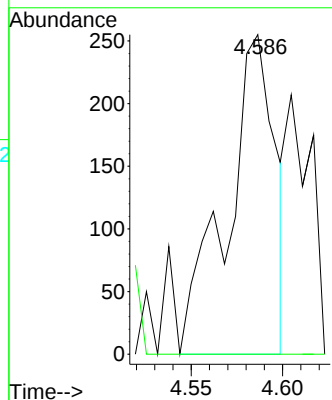
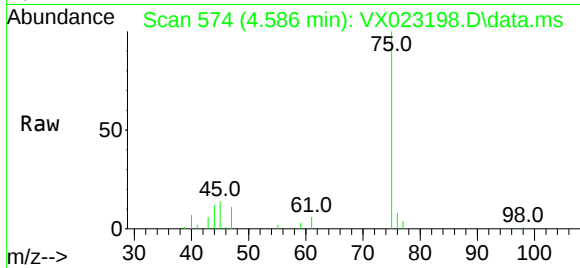




#25
2-Butanone
Concen: 0.258 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

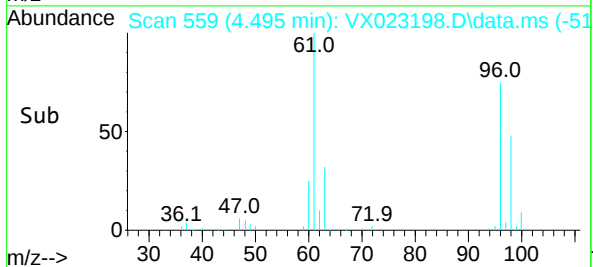
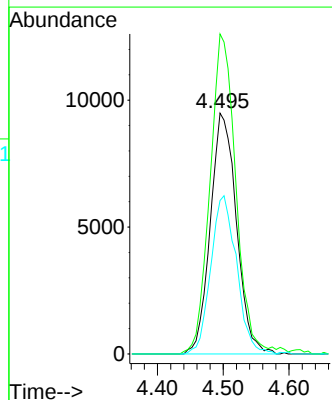
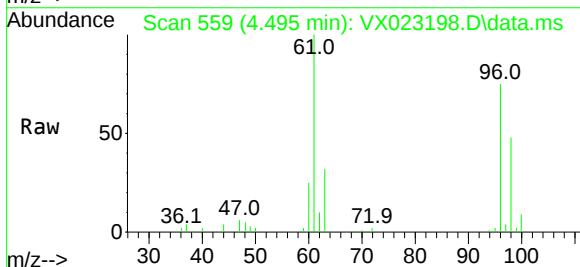
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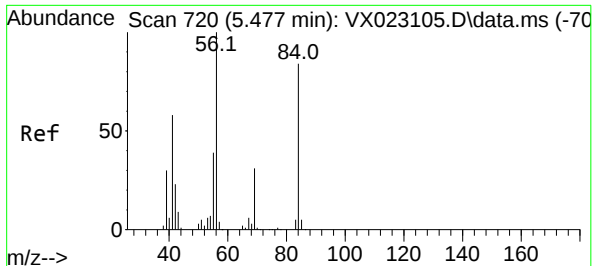
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 9.967 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

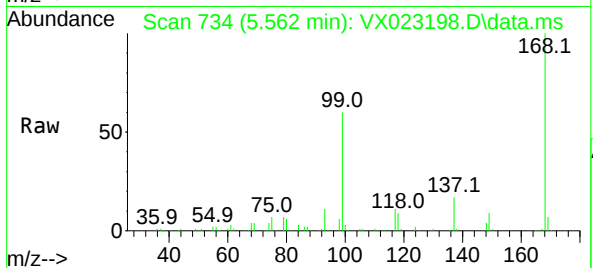
Tgt Ion: 96 Resp: 26226
Ion Ratio Lower Upper
96 100
61 132.1 0.0 285.6
98 64.9 0.0 129.6



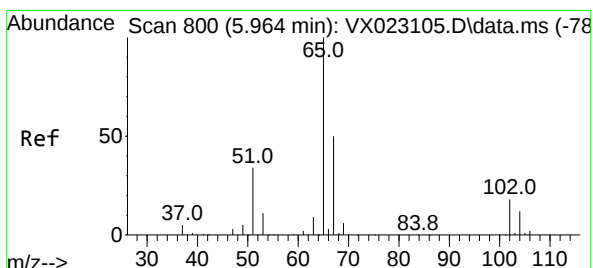
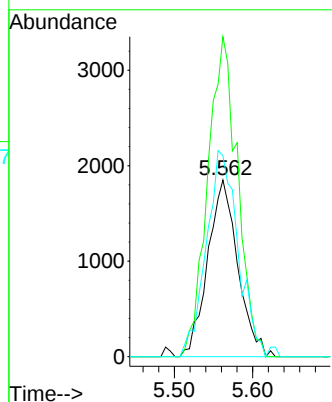
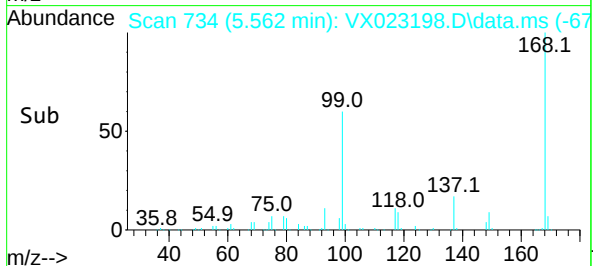


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

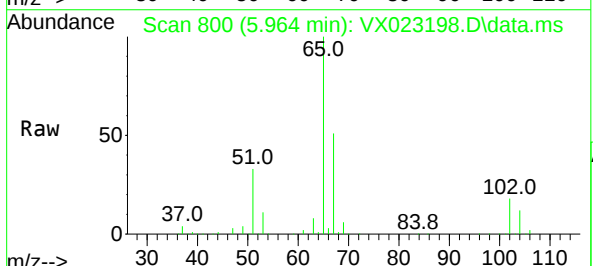
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ClientSampleId :



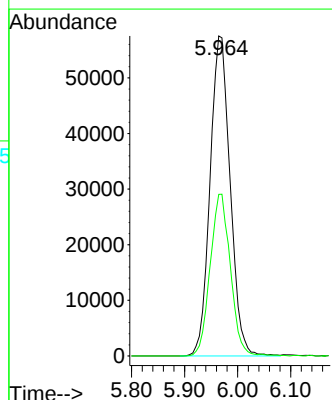
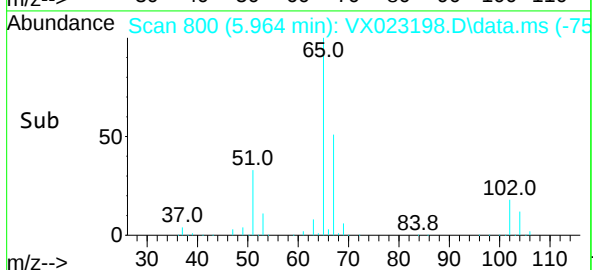
Tgt Ion: 56 Resp: 4933
Ion Ratio Lower Upper
56 100
69 181.1 25.3 37.9#
84 113.7 71.4 107.0#

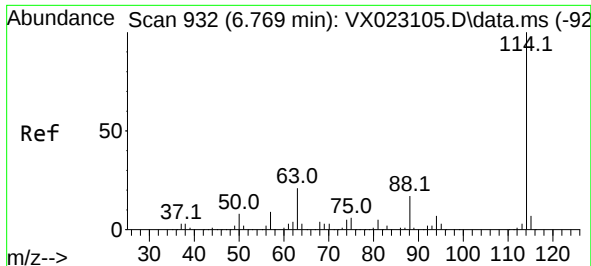


#33
1,2-Dichloroethane-d4
Concen: 49.917 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42



Tgt Ion: 65 Resp: 151386
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

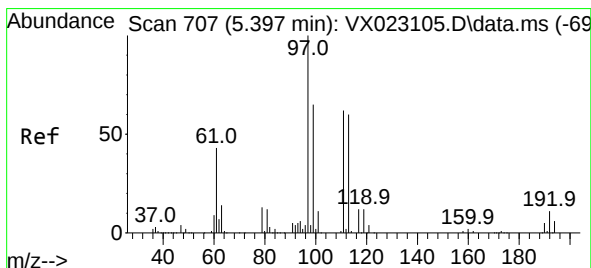
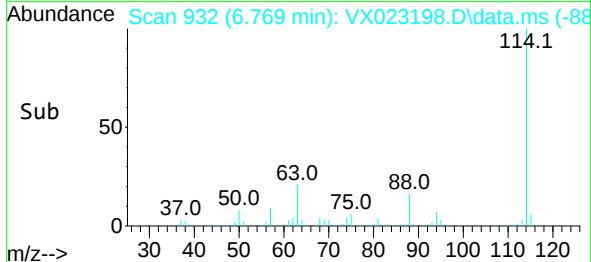
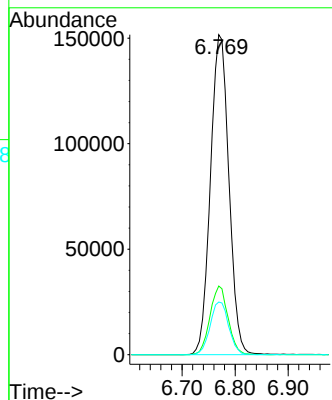
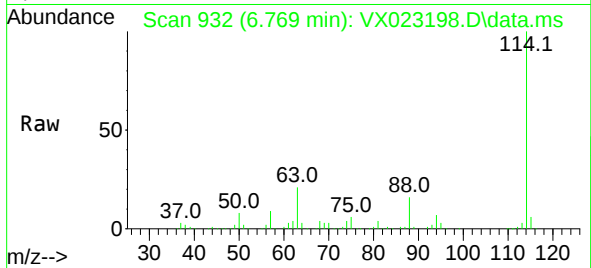




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

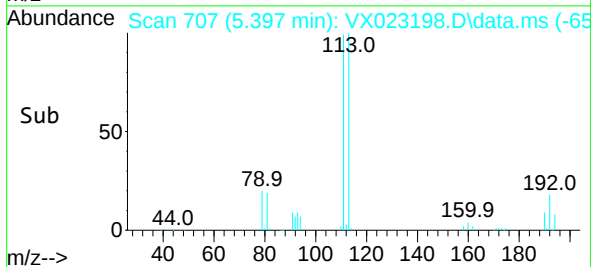
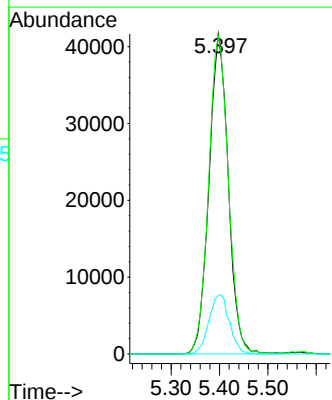
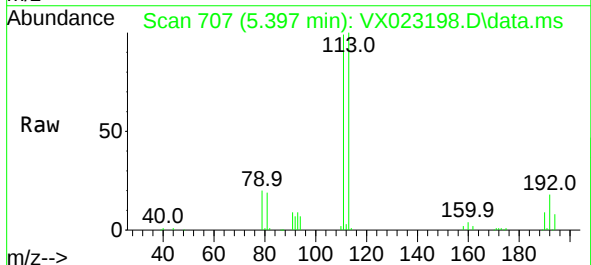
Instrument :
MSVOA_X
ClientSampled :

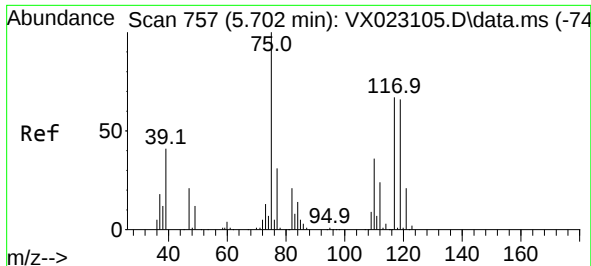
Tgt Ion:114 Resp: 366362
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.821 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion:113 Resp: 115501
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.6 16.7 25.1

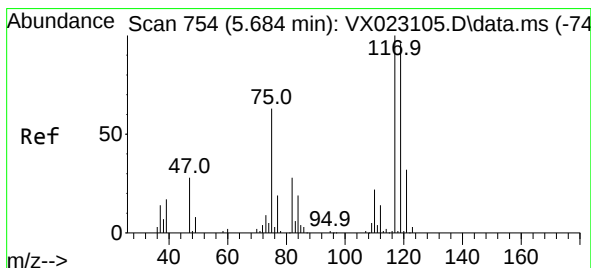
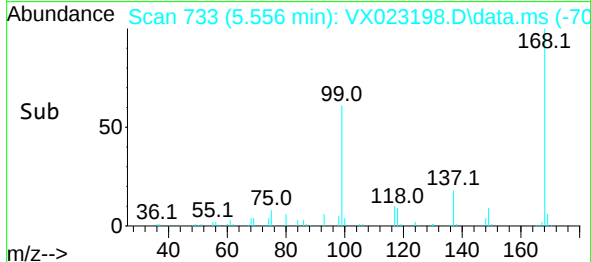
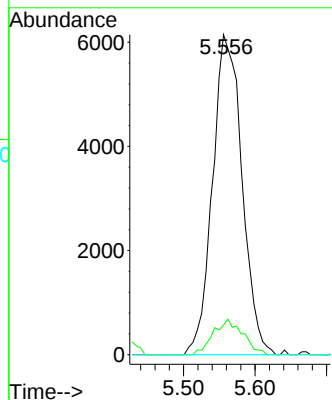
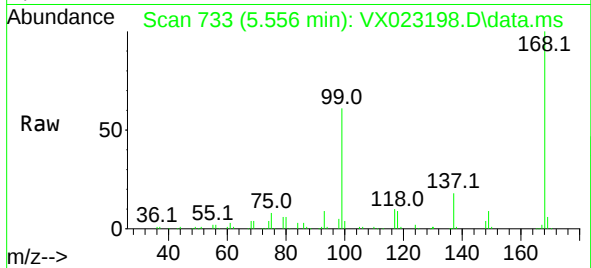




#36
1,1-Dichloropropene
Concen: 5.372 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

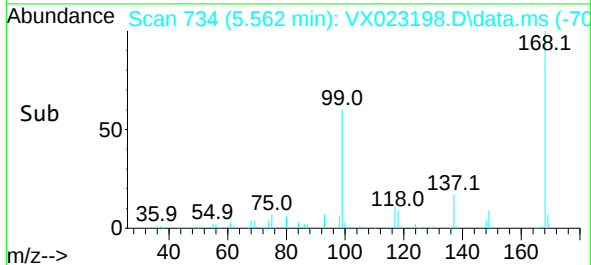
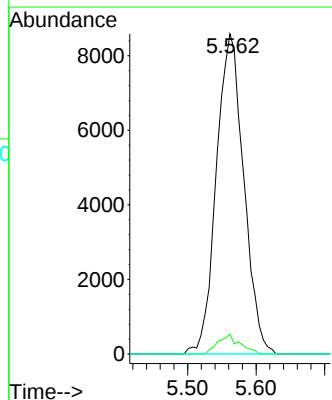
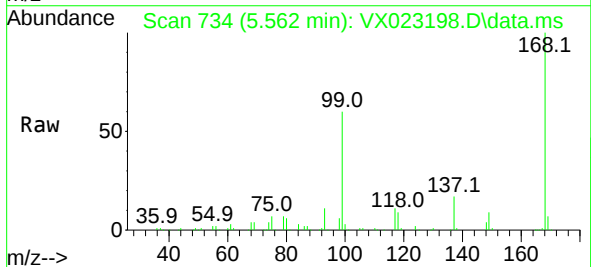
Instrument :
MSVOA_X
ClientSampled :

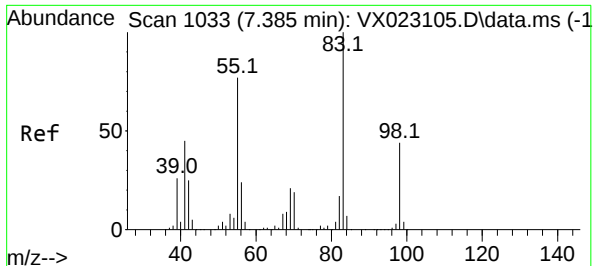
Tgt Ion: 75 Resp: 17545
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.984 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 117 Resp: 23808
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.694 ug/l

RT: 7.129 min Scan# 991

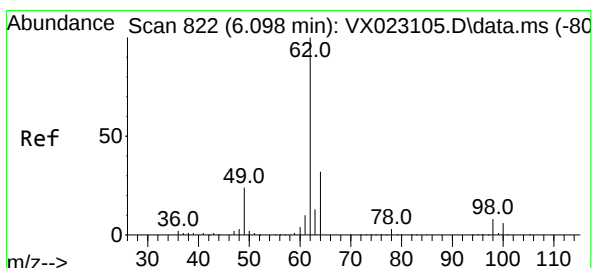
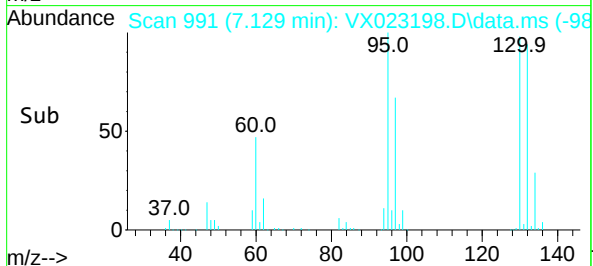
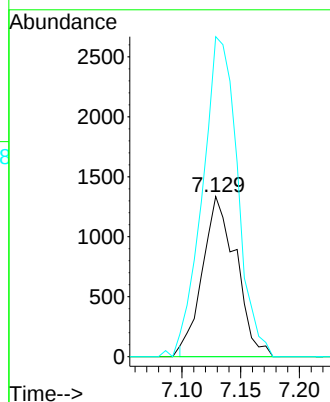
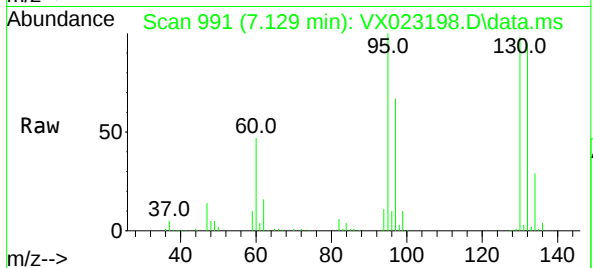
Delta R.T. -0.256 min

Lab File: VX023198.D

Acq: 08 Jul 2021 14:42

Tgt Ion: 83	Resp: 2650
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 199.7	38.1 57.1#

Instrument :
MSVOA_X
ClientSampled :



#42

1,2-Dichloroethane

Concen: 0.425 ug/l

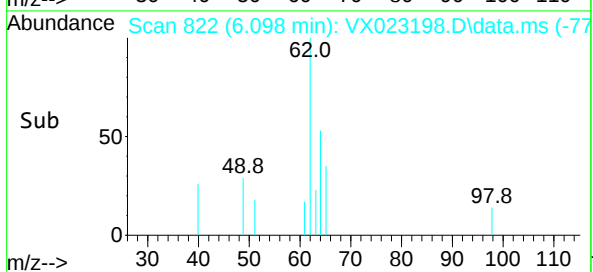
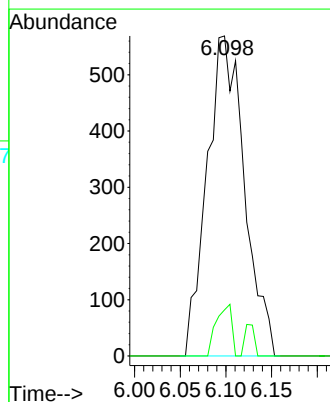
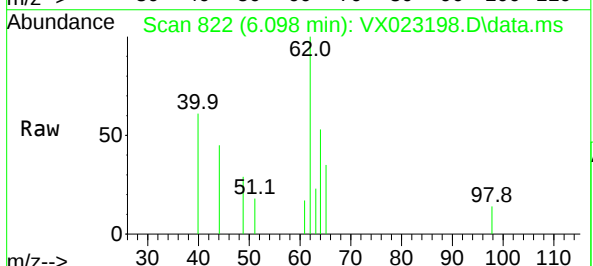
RT: 6.098 min Scan# 822

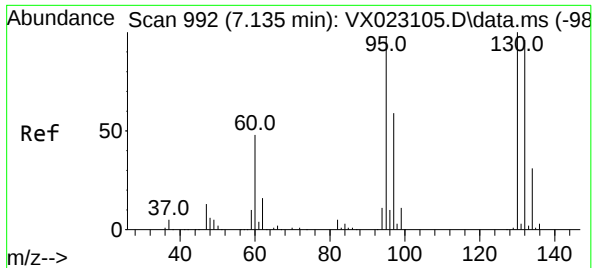
Delta R.T. 0.000 min

Lab File: VX023198.D

Acq: 08 Jul 2021 14:42

Tgt Ion: 62	Resp: 1621
Ion Ratio	Lower Upper
62 100	
98 6.7	0.0 20.2

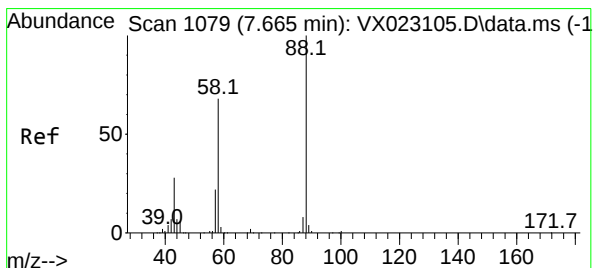
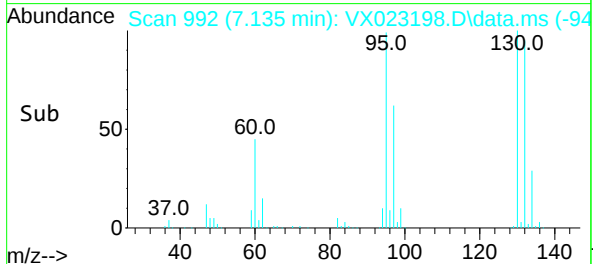
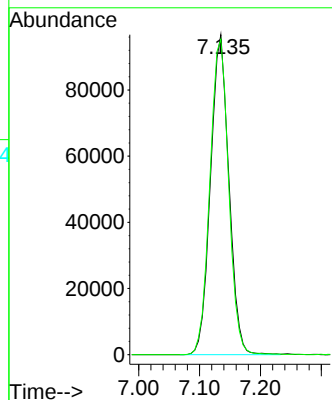
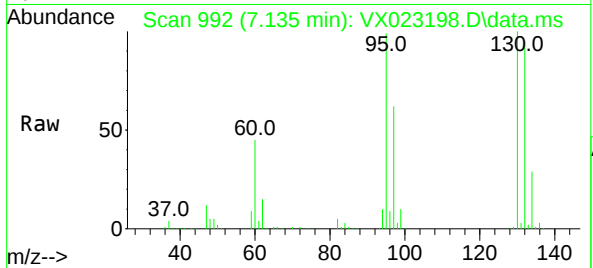




#44
Trichloroethene
Concen: 75.402 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

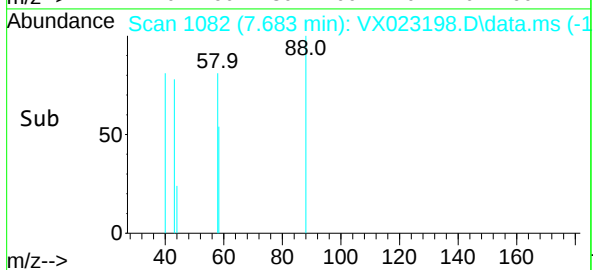
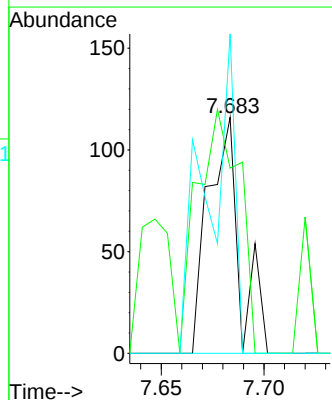
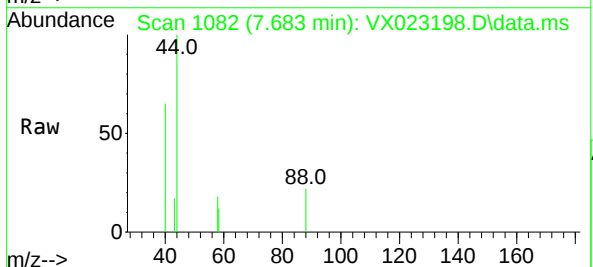
Instrument :
MSVOA_X
ClientSampled :

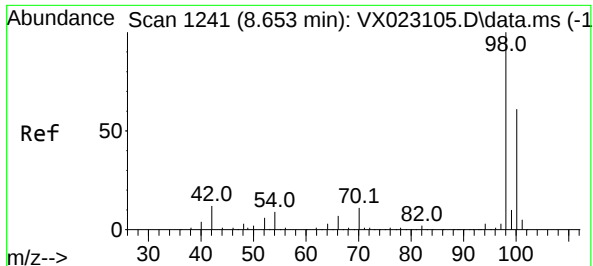
Tgt Ion:130 Resp: 202827
Ion Ratio Lower Upper
130 100
95 98.6 0.0 198.0



#49
1,4-Dioxane
Concen: 1.879 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 140.7 23.2 34.8#
58 117.1 55.0 82.4#

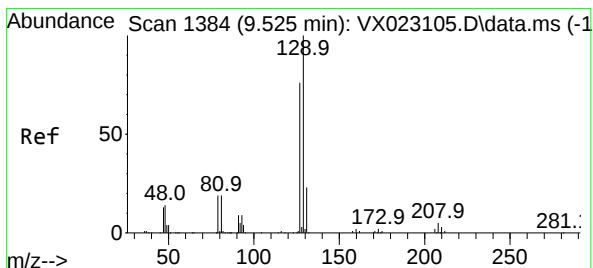
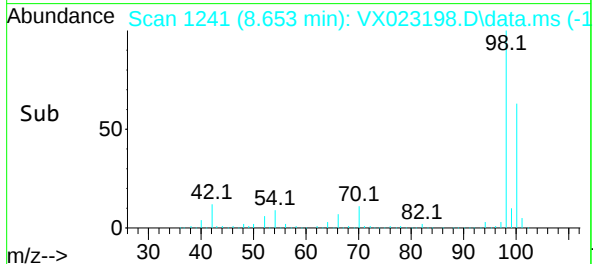
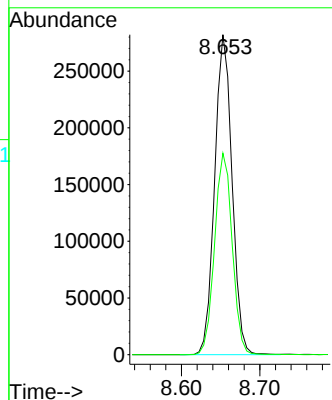
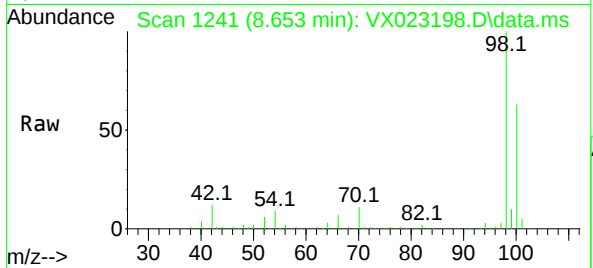




#50
Toluene-d8
Concen: 49.326 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

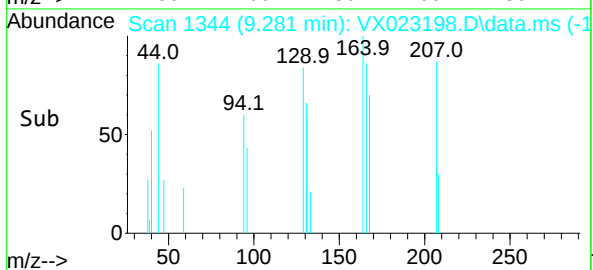
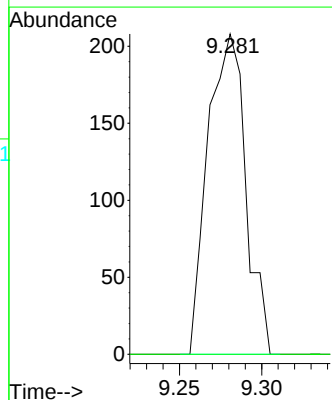
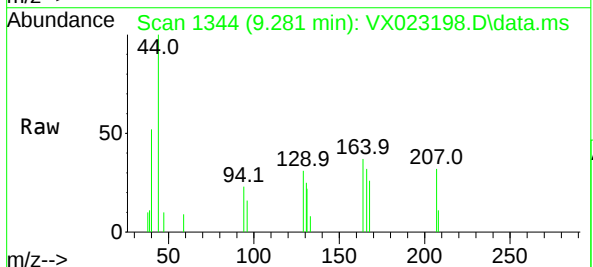
Instrument :
MSVOA_X
ClientSampled :

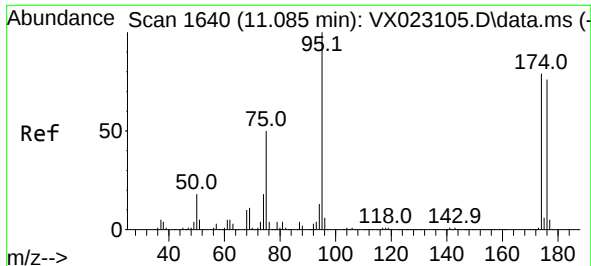
Tgt Ion: 98 Resp: 435301
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#60
Dibromochloromethane
Concen: 3.221 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 129 Resp: 334
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

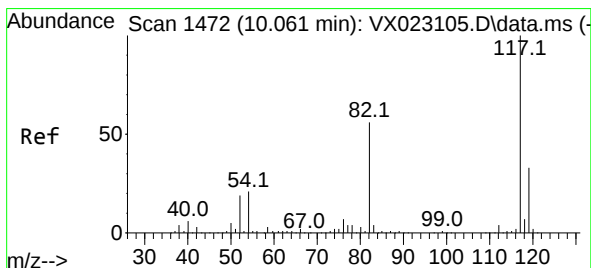
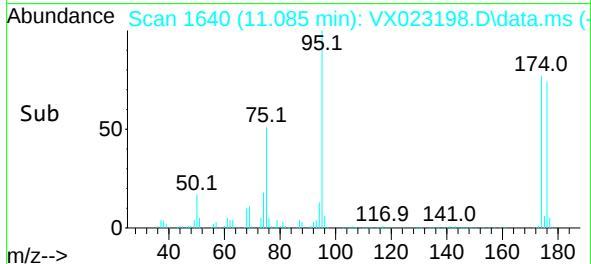
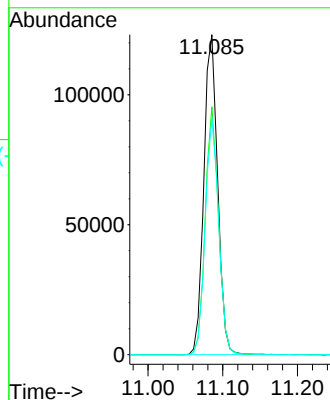
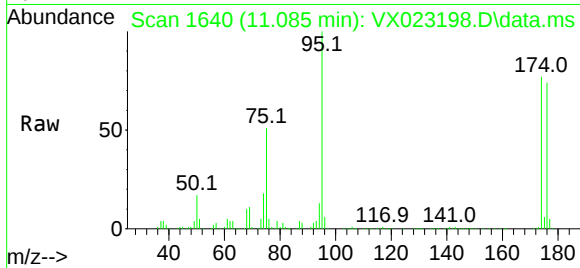




#62
4-Bromofluorobenzene
Concen: 46.336 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

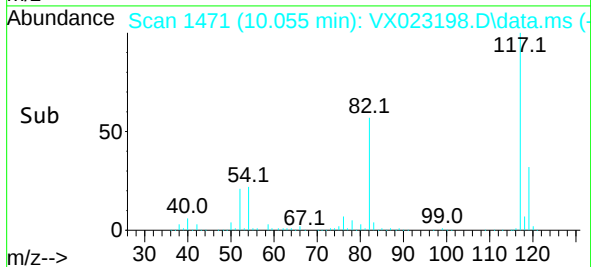
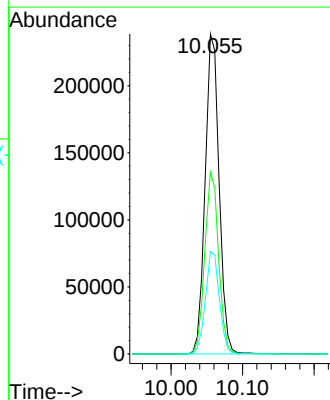
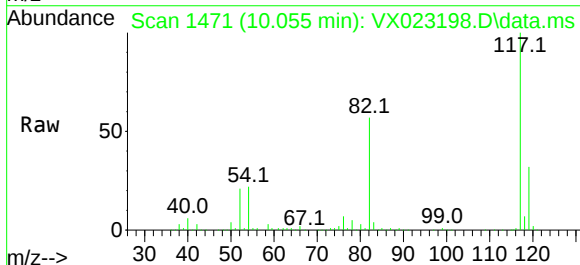
Instrument :
MSVOA_X
ClientSampled :

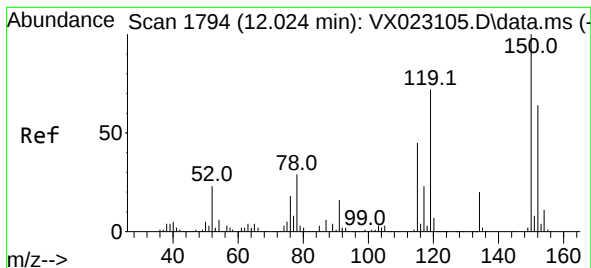
Tgt Ion: 95 Resp: 157864
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.6
176 72.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 117 Resp: 323857
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.0 26.6 39.8

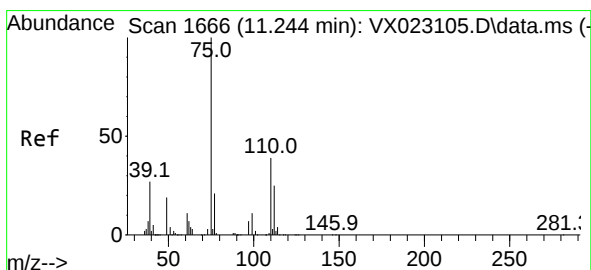
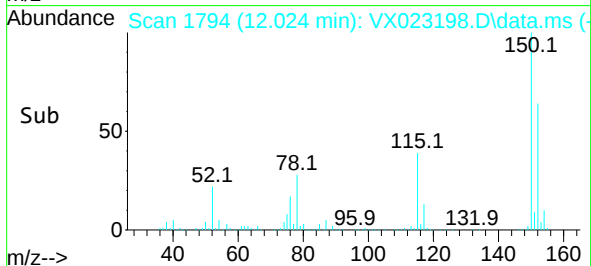
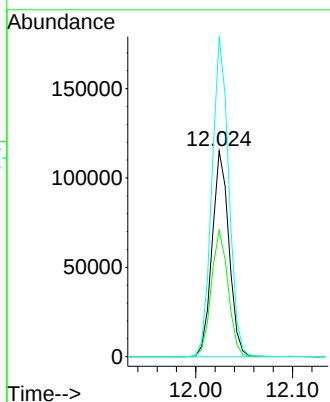
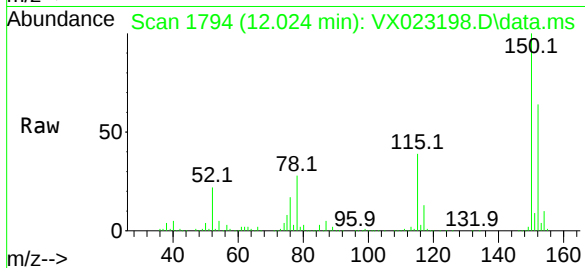




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

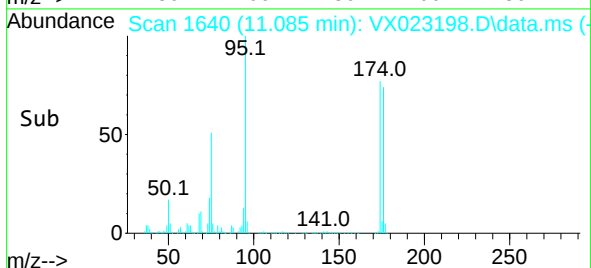
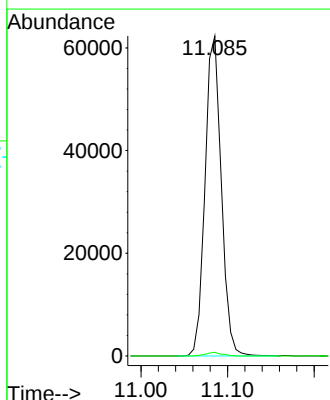
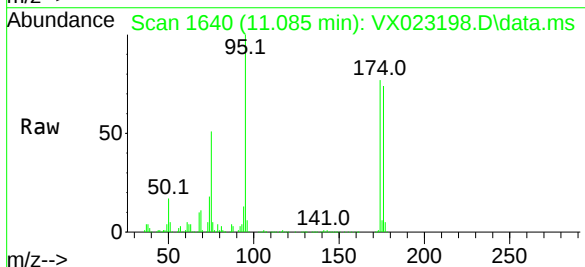
Instrument :
MSVOA_X
ClientSampled :

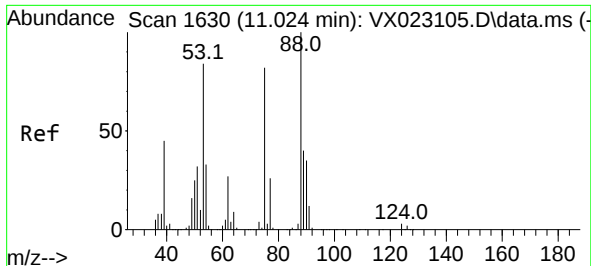
Tgt Ion:152 Resp: 139168
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 155.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.972 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion: 75 Resp: 81137
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

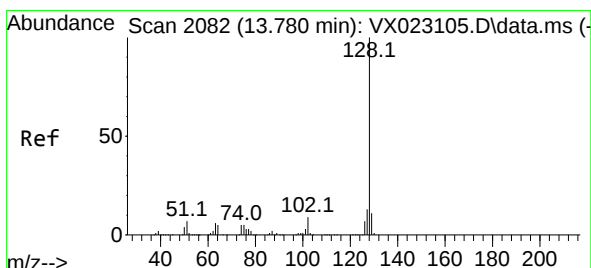
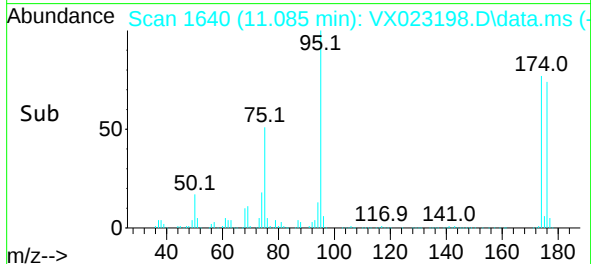
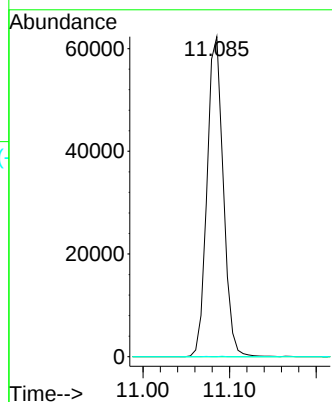
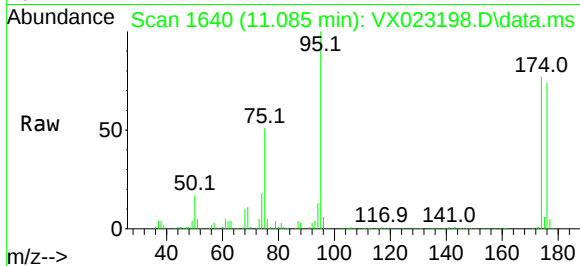




#81
trans-1,4-Dichloro-2-butene
Concen: 77.954 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 81137
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.291 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023198.D
Acq: 08 Jul 2021 14:42

Tgt Ion:128 Resp: 161
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

