

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023214.D
 Acq On : 09 Jul 2021 10:12
 Operator : JC/MD
 Sample : VX0709MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBL01

Quant Time: Jul 10 04:17:34 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)

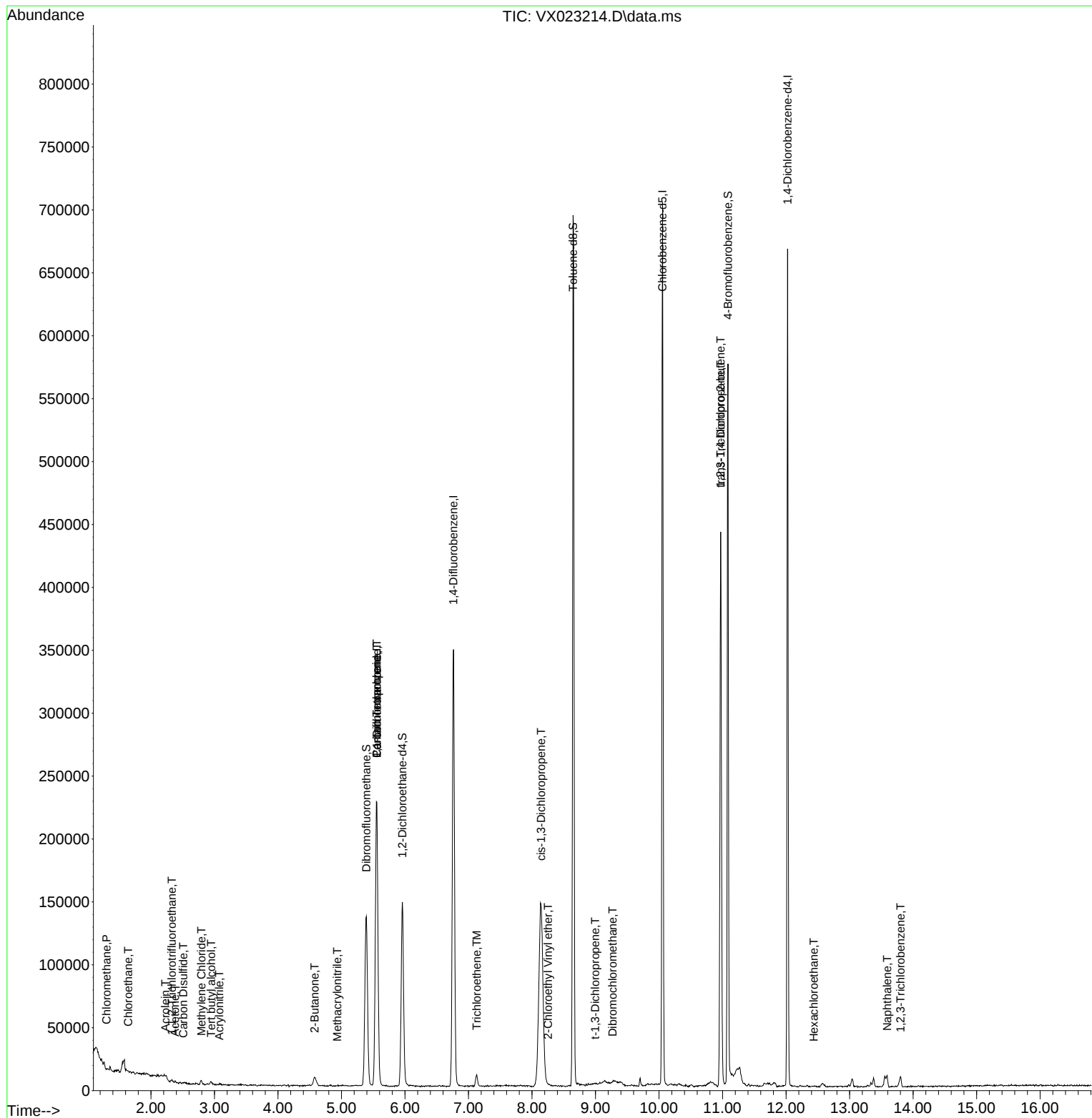
Internal Standards						
1) Pentafluorobenzene	5.556	168	212093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143592	50.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.740%			
35) Dibromofluoromethane	5.391	113	118264	53.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	8.647	98	408232	49.194	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.085	95	149742	46.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.480%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	856	0.450	ug/l	94
5) Bromomethane	1.581	94	211	Below Cal	#	2
6) Chloroethane	1.642	64	316	0.240	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	756	0.369	ug/l	97
11) Tert butyl alcohol	2.947	59	1458	2.431	ug/l	99
13) Acrolein	2.227	56	221	0.553	ug/l #	4
15) Acrylonitrile	3.075	53	514	0.441	ug/l #	67
16) Acetone	2.380	43	1291	1.145	ug/l	91
17) Carbon Disulfide	2.508	76	924	0.232	ug/l #	89
20) Methylene Chloride	2.794	84	1543	0.635	ug/l #	89
25) 2-Butanone	4.574	43	380	0.223	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	16776	5.462	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22020	6.869	ug/l #	15
41) Methacrylonitrile	4.934	41	546	0.292	ug/l #	36
44) Trichloroethene	7.129	130	3322	1.313	ug/l	85
53) t-1,3-Dichloropropene	8.994	75	232	2.794	ug/l #	34
54) cis-1,3-Dichloropropene	8.141	75	67676	18.378	ug/l #	40
58) 2-Chloroethyl Vinyl ether	8.251	63	174	4.773	ug/l #	88
60) Dibromochloromethane	9.269	129	73	3.138	ug/l #	11
76) 1,2,3-Trichloropropane	10.970	75	11271	4.308	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.970	75	14352	18.627	ug/l #	39
90) Hexachloroethane	12.439	117	52	3.031	ug/l #	9
95) Naphthalene	13.591	128	8976	2.177	ug/l	98
96) 1,2,3-Trichlorobenzene	13.804	180	3054	1.154	ug/l	98

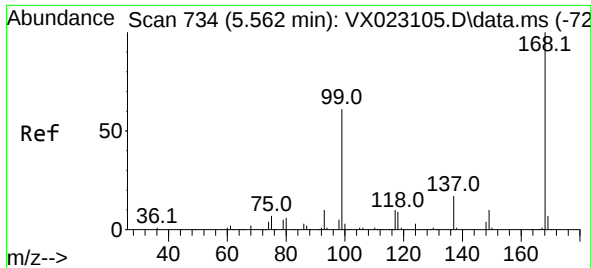
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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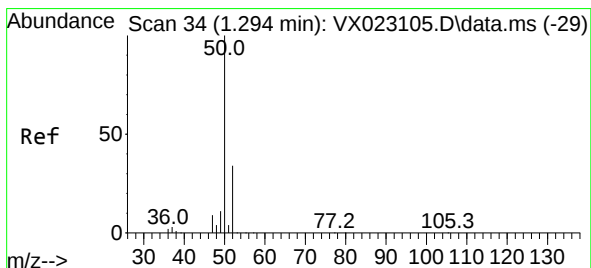
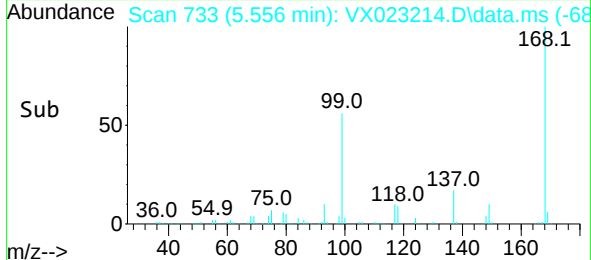
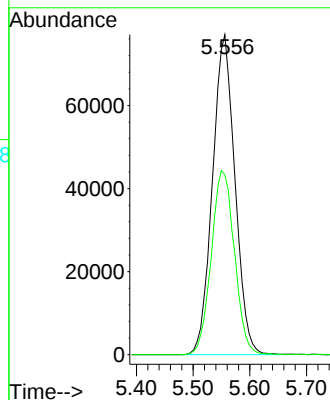
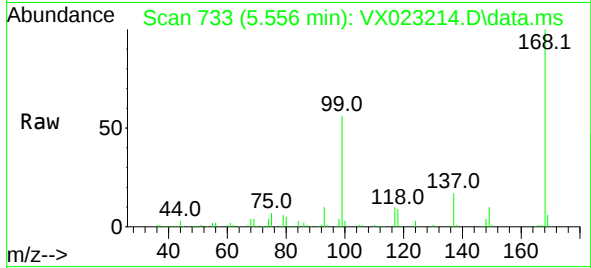




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

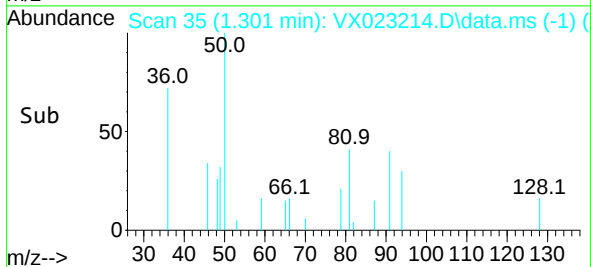
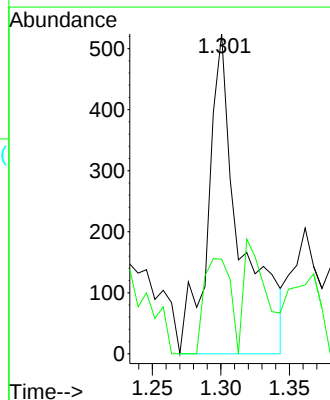
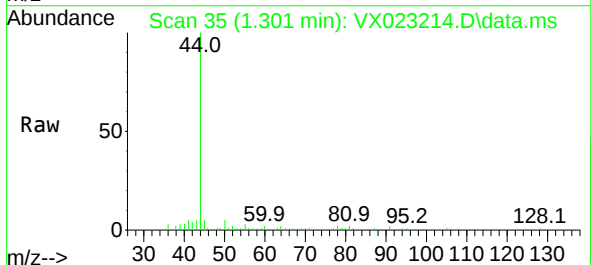
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

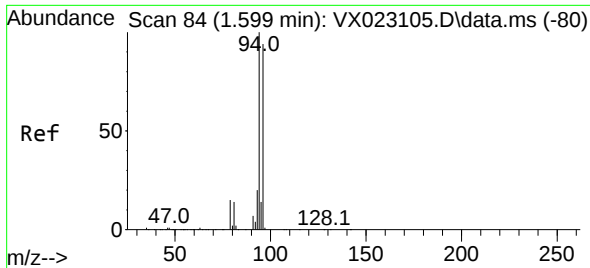
Tgt Ion:168 Resp: 212093
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.450 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 50 Resp: 856
Ion Ratio Lower Upper
50 100
52 29.6 26.4 39.6

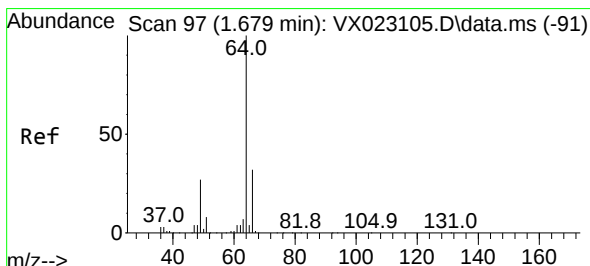
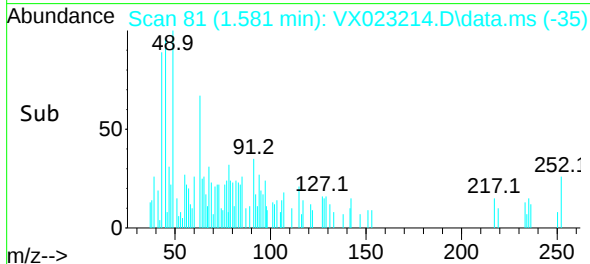
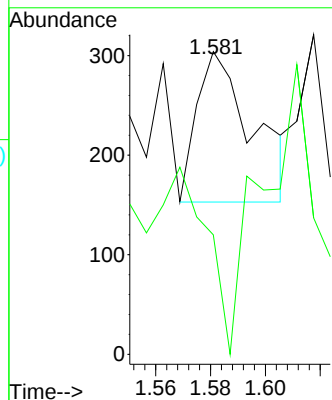
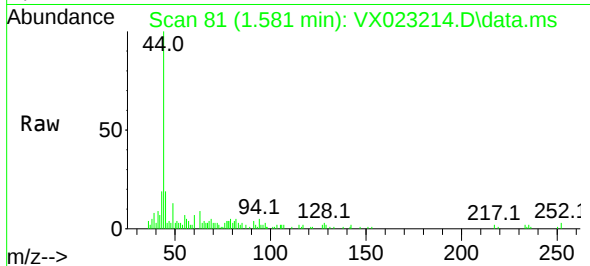




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

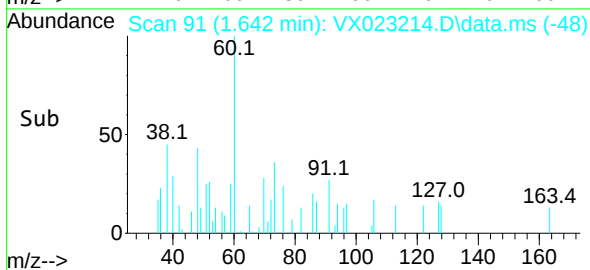
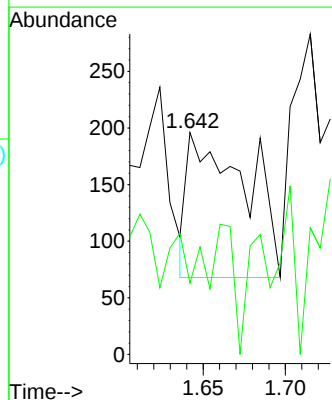
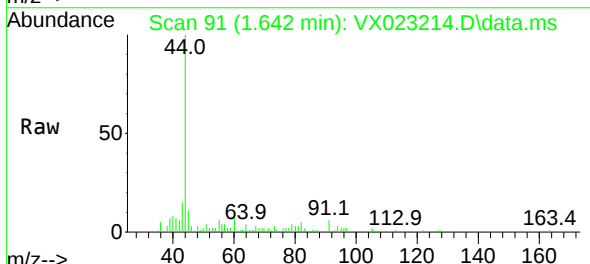
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

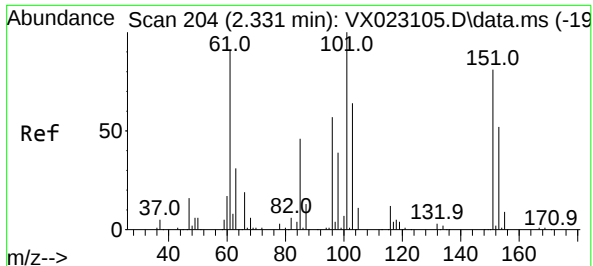
Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 64 Resp: 316
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

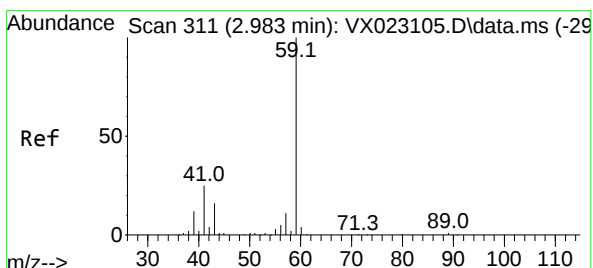
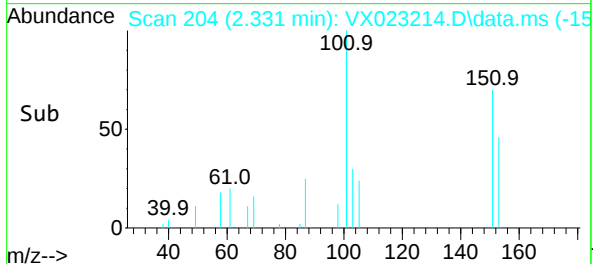
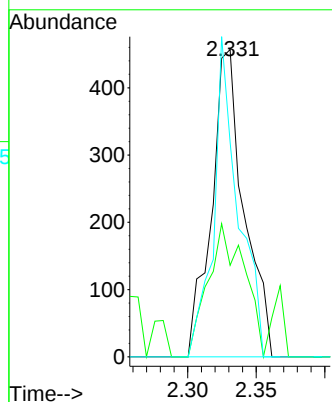
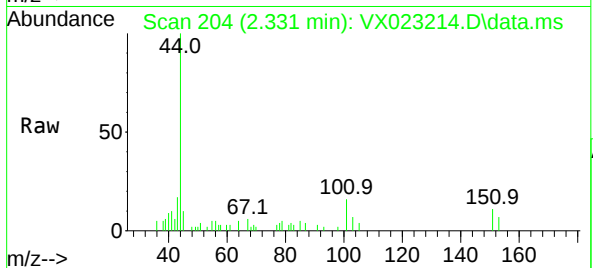




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.369 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

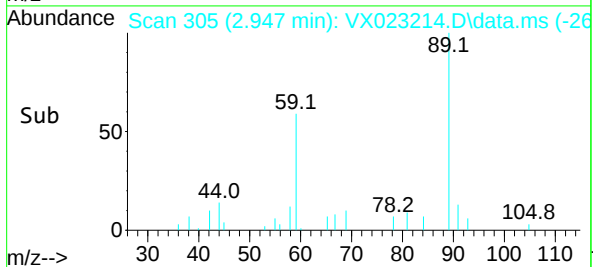
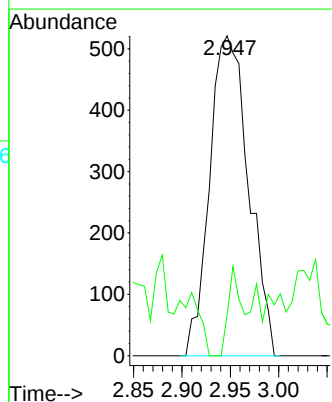
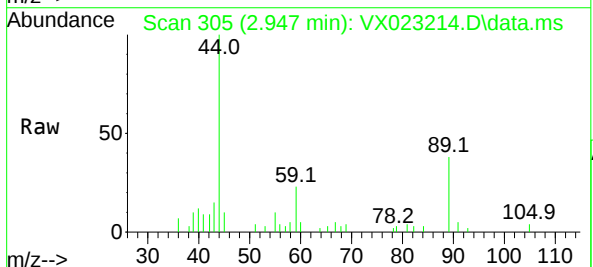
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

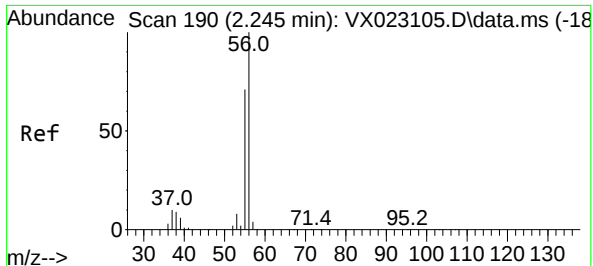
Tgt Ion:101 Resp: 756
Ion Ratio Lower Upper
101 100
85 48.1 34.9 52.3
151 78.0 61.4 92.2



#11
Tert butyl alcohol
Concen: 2.431 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 59 Resp: 1458
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8

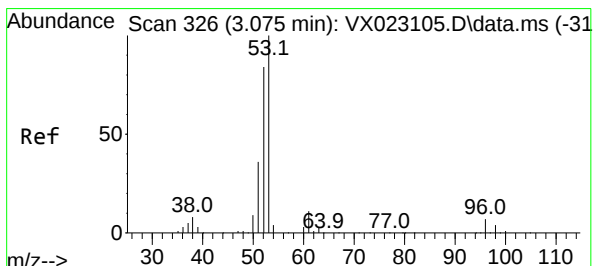
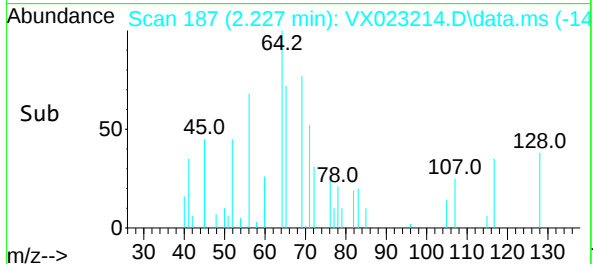
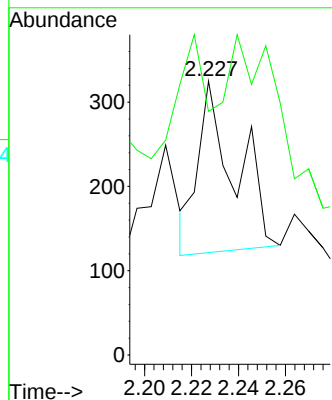
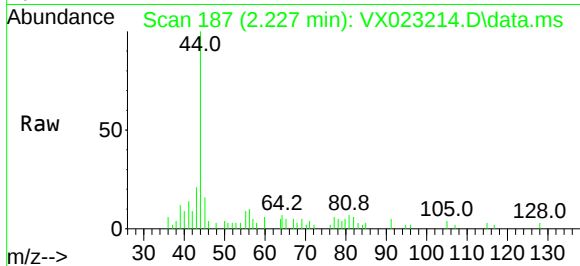




#13
Acrolein
Concen: 0.553 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

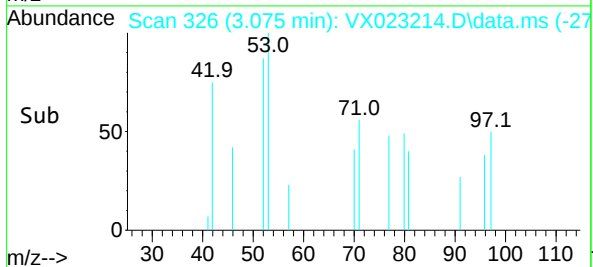
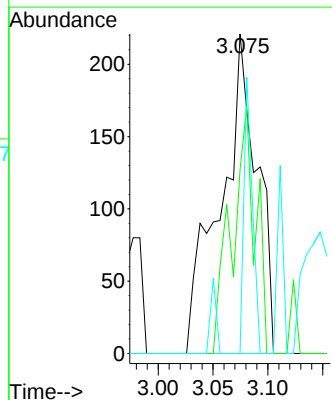
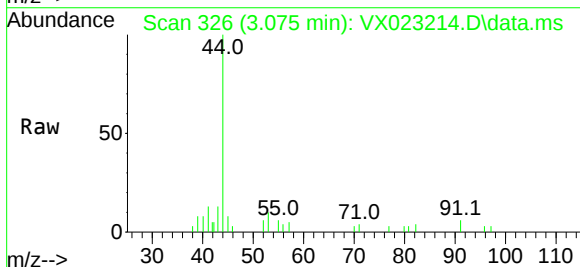
Instrument :
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ClientSampleId :
VX0709MBL01

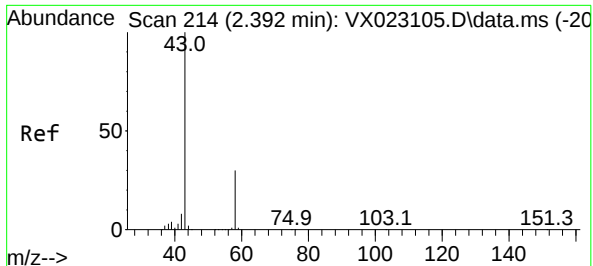
Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 149.8 56.4 84.6#



#15
Acrylonitrile
Concen: 0.441 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 53 Resp: 514
Ion Ratio Lower Upper
53 100
52 49.6 65.3 97.9#
51 19.8 28.2 42.2#

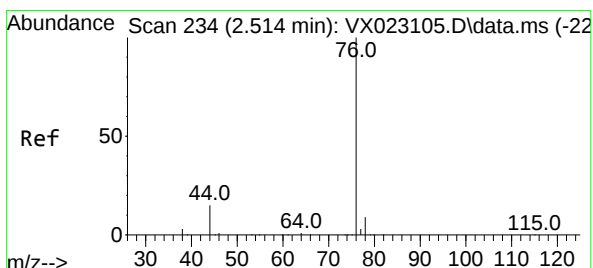
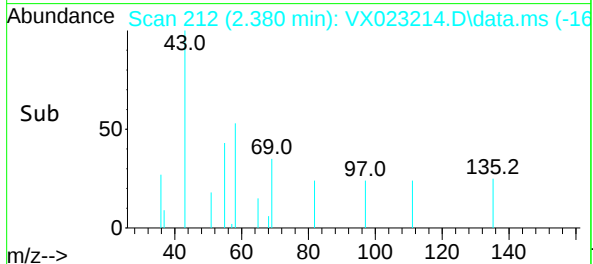
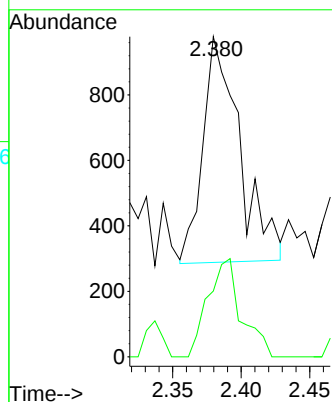
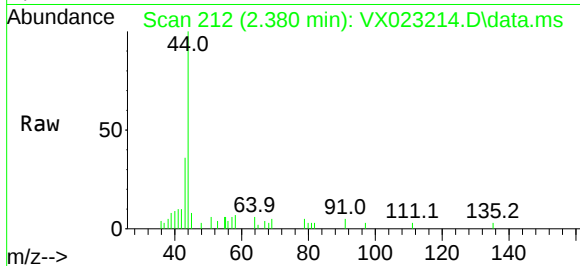




#16
Acetone
Concen: 1.145 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

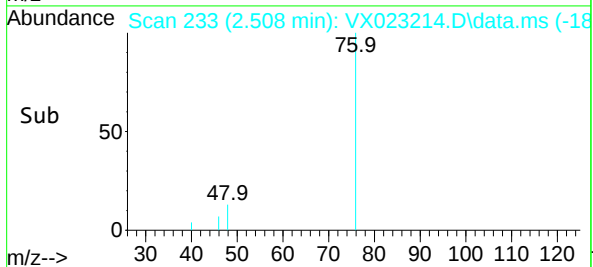
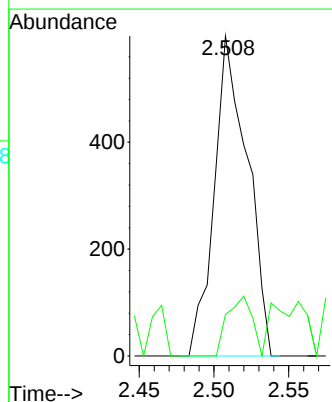
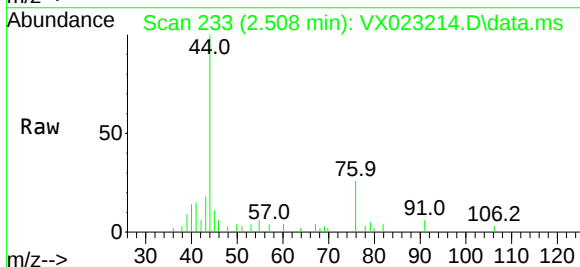
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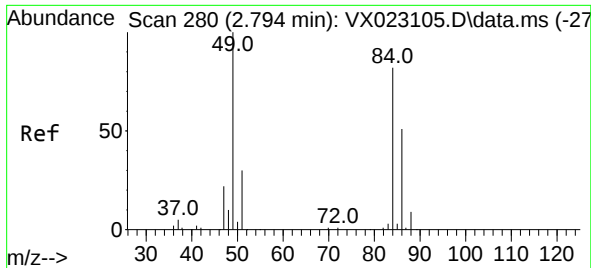
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 76 Resp: 924
Ion Ratio Lower Upper
76 100
78 13.0 7.2 10.8#

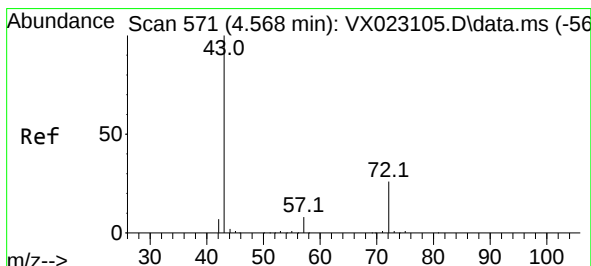
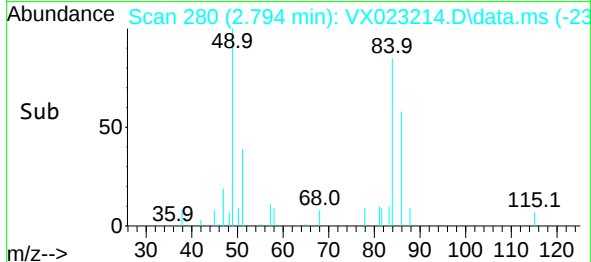
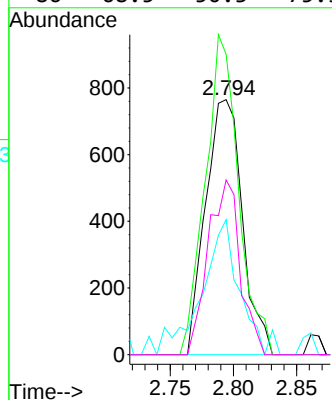
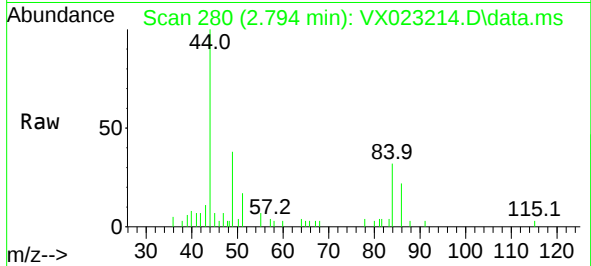




#20
Methylene Chloride
Concen: 0.635 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

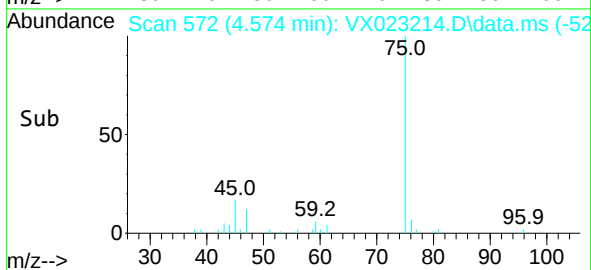
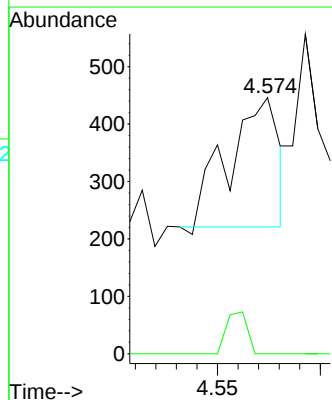
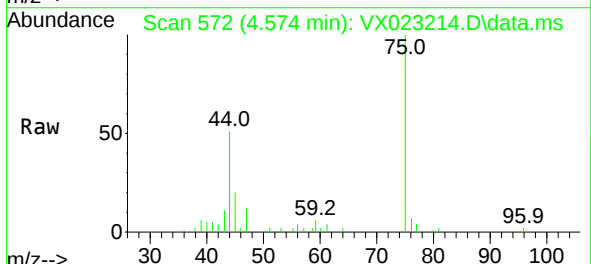
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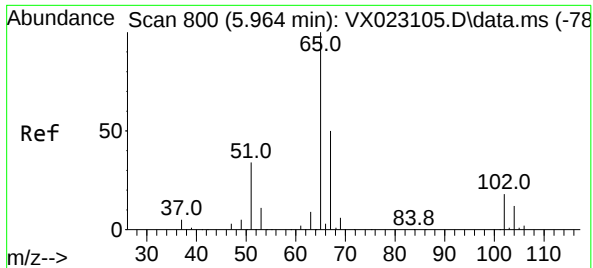
Tgt Ion:	84	Resp:	1543
Ion	Ratio	Lower	Upper
84	100		
49	117.8	88.6	132.8
51	52.9	27.0	40.6#
86	68.5	50.3	75.5



#25
2-Butanone
Concen: 0.223 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion:	43	Resp:	380
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

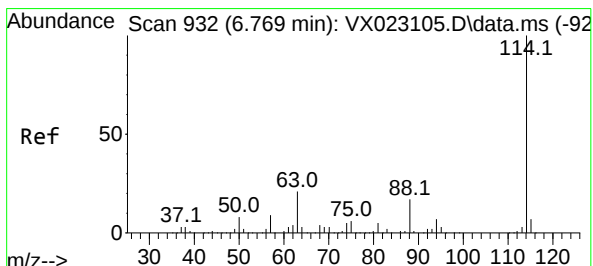
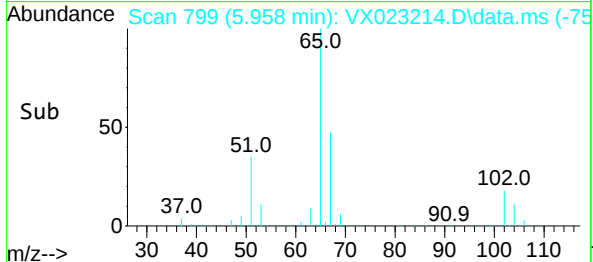
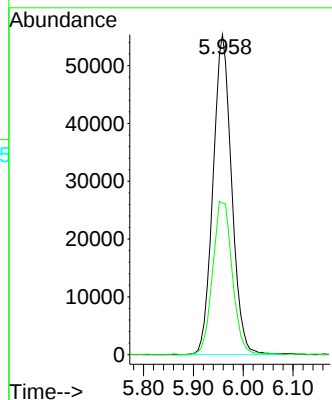
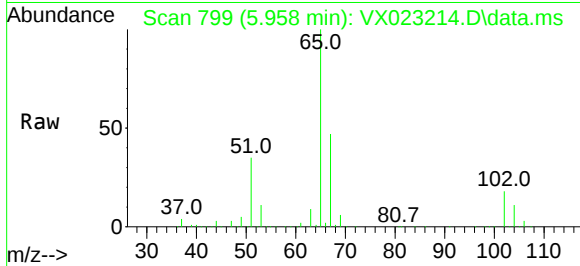




#33
 1,2-Dichloroethane-d4
 Concen: 50.374 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX023214.D
 Acq: 09 Jul 2021 10:12

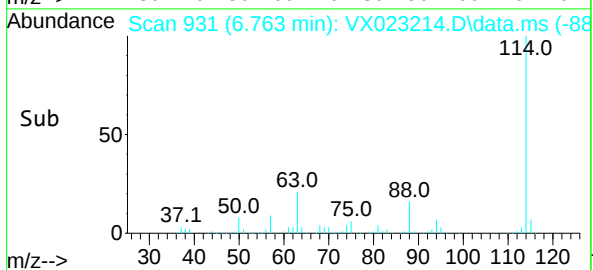
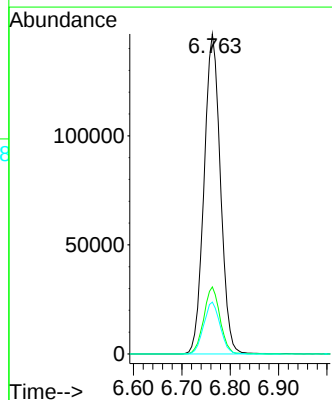
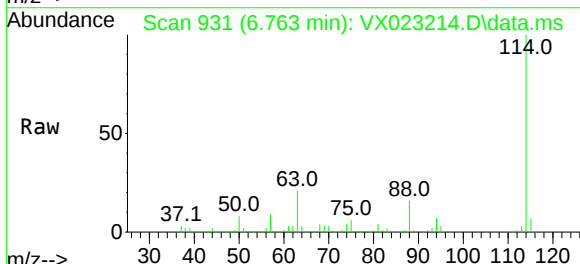
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 VX0709MBL01

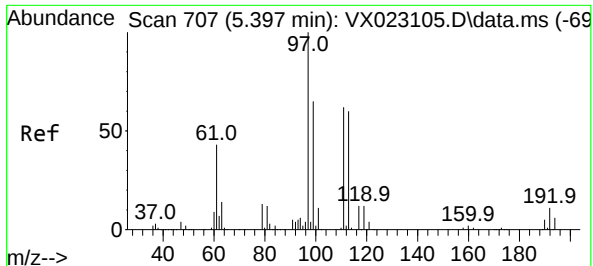
Tgt Ion: 65 Resp: 143592
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX023214.D
 Acq: 09 Jul 2021 10:12

Tgt Ion: 114 Resp: 344499
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 16.2 0.0 32.8

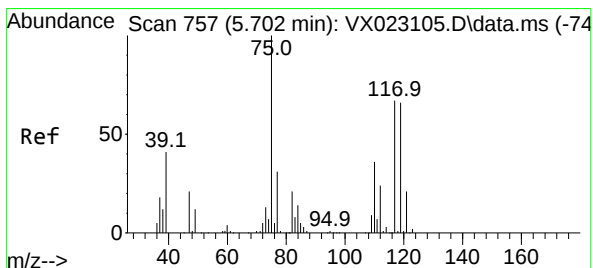
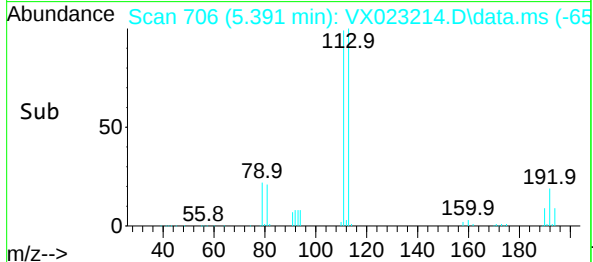
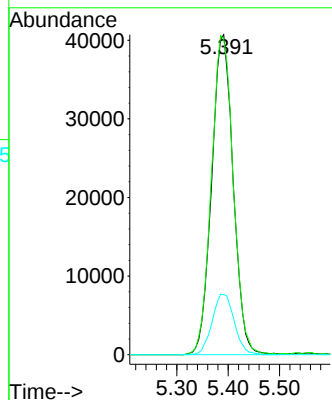
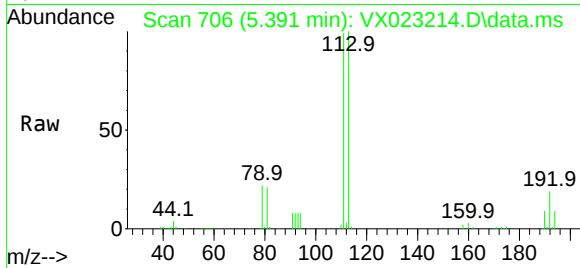




#35
Dibromofluoromethane
Concen: 53.161 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

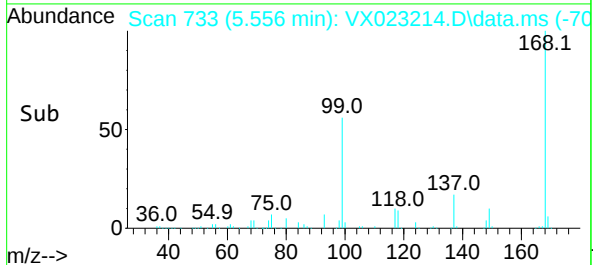
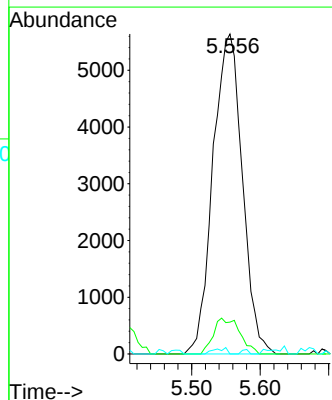
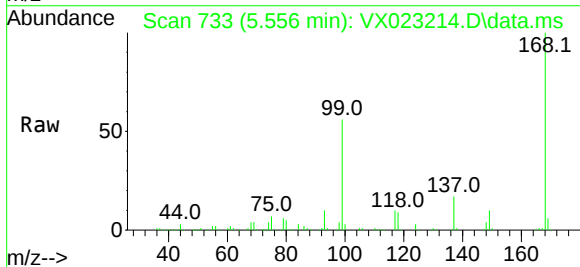
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

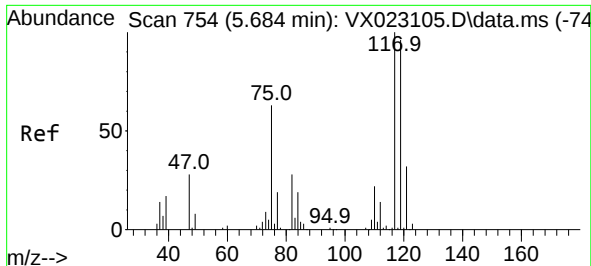
Tgt Ion:113 Resp: 118264
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.462 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

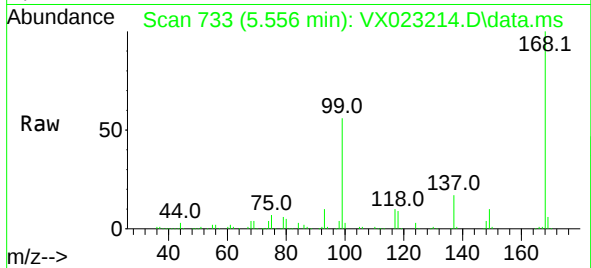
Tgt Ion: 75 Resp: 16776
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.8 25.3 37.9#



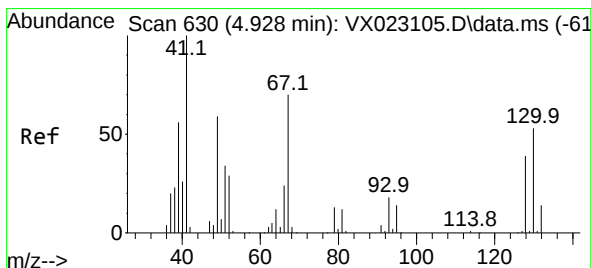
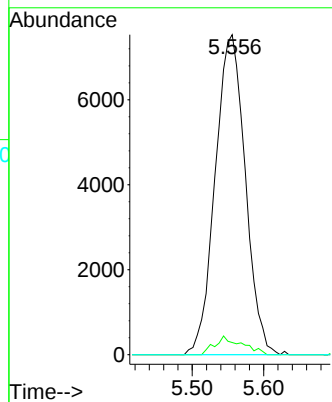
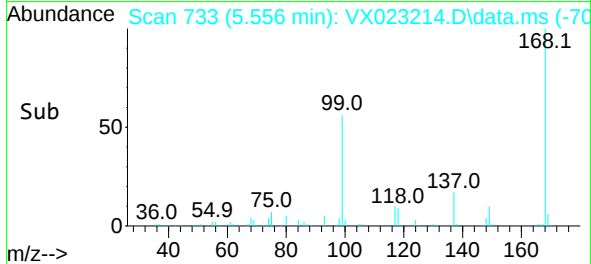


#38
Carbon Tetrachloride
Concen: 6.869 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

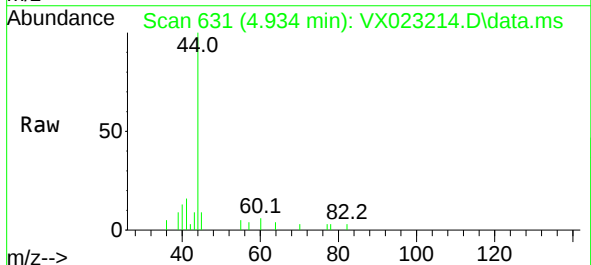
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01



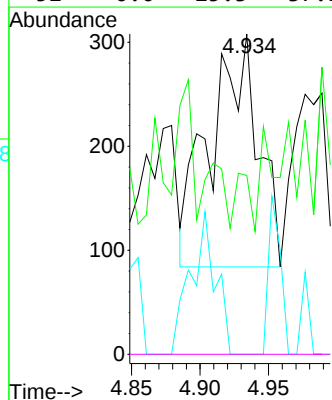
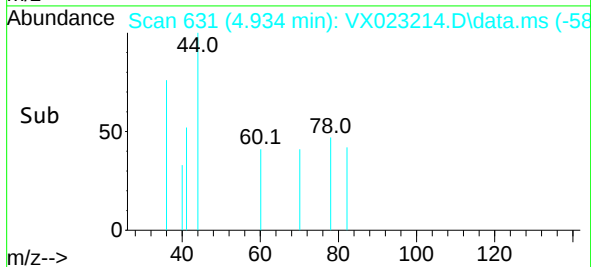
Tgt Ion: 117 Resp: 22020
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

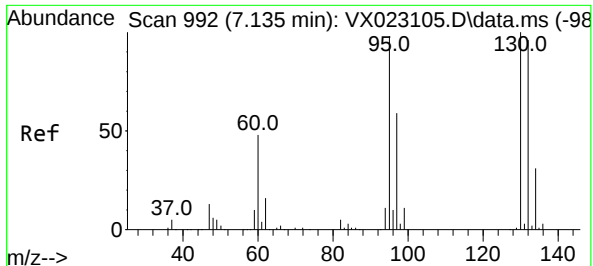


#41
Methacrylonitrile
Concen: 0.292 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12



Tgt Ion: 41 Resp: 546
Ion Ratio Lower Upper
41 100
39 13.7 42.5 63.7#
67 16.8 65.0 97.6#
52 0.0 25.3 37.9#

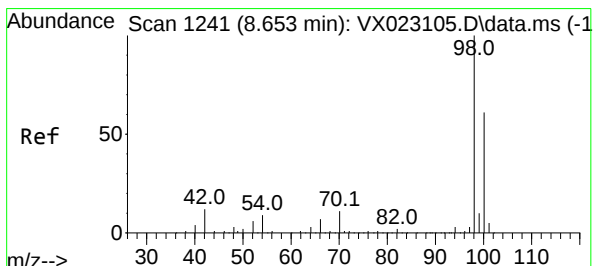
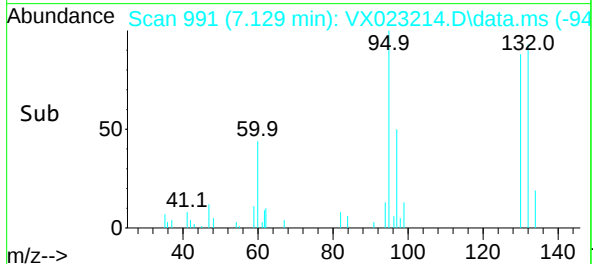
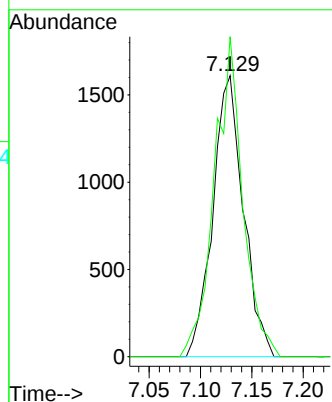
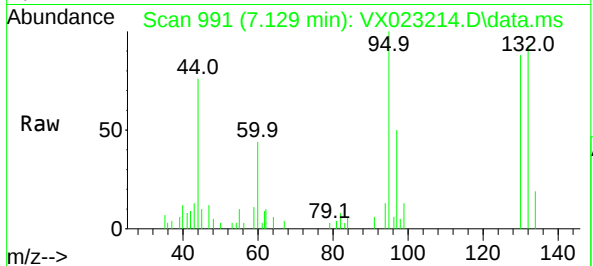




#44
Trichloroethene
Concen: 1.313 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

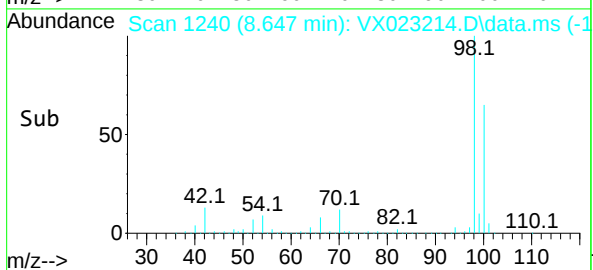
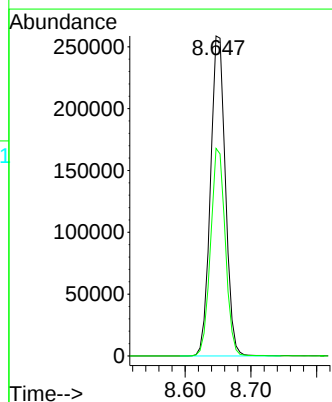
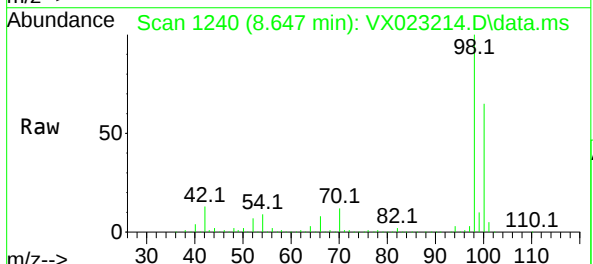
Instrument :
MSVOA_X
ClientSampled :
VX0709MBL01

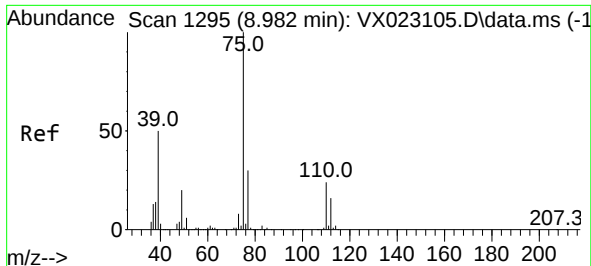
Tgt Ion:130 Resp: 3322
Ion Ratio Lower Upper
130 100
95 113.9 0.0 198.0



#50
Toluene-d8
Concen: 49.194 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 98 Resp: 408232
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

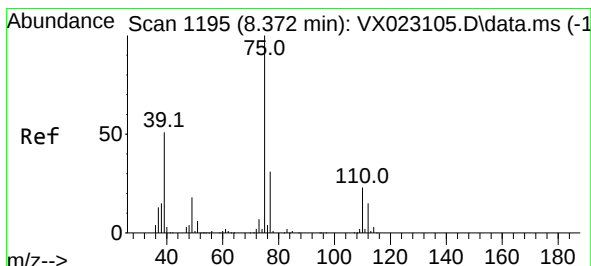
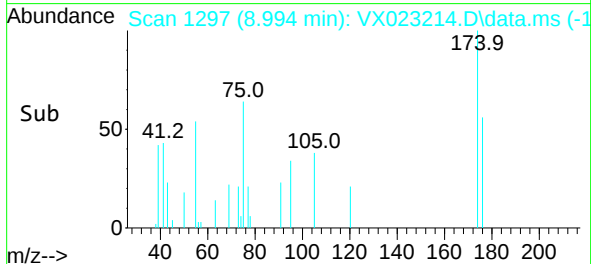
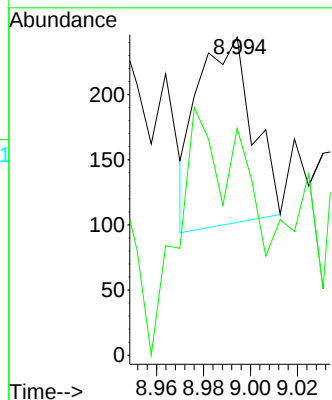
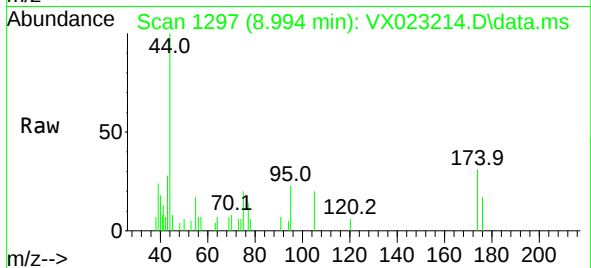




#53
t-1,3-Dichloropropene
Concen: 2.794 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

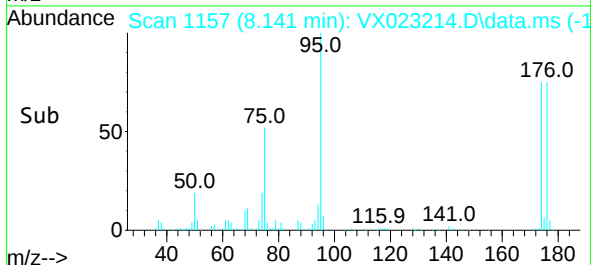
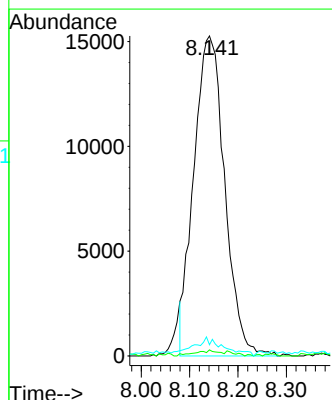
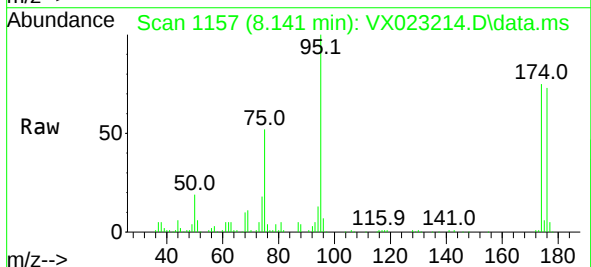
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

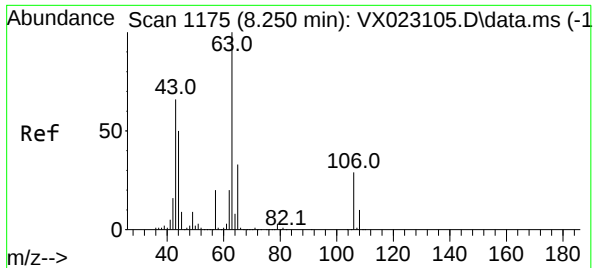
Tgt Ion: 75 Resp: 232
Ion Ratio Lower Upper
75 100
77 67.6 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 18.378 ug/l
RT: 8.141 min Scan# 1157
Delta R.T. -0.231 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 75 Resp: 67676
Ion Ratio Lower Upper
75 100
77 1.9 25.7 38.5#
39 2.4 35.1 52.7#

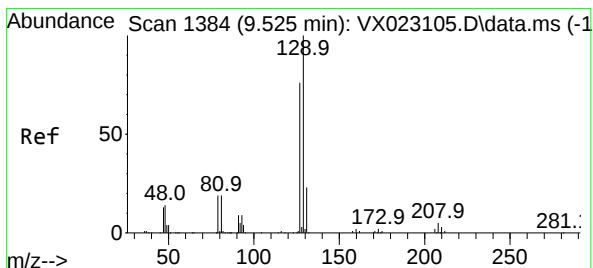
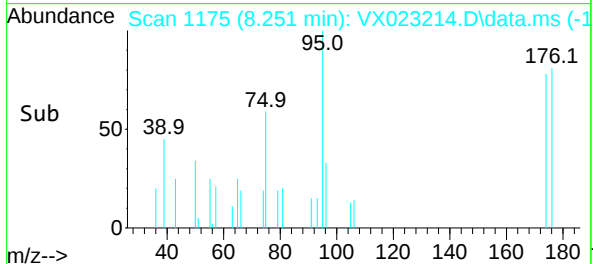
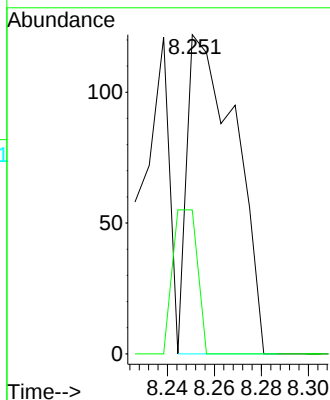
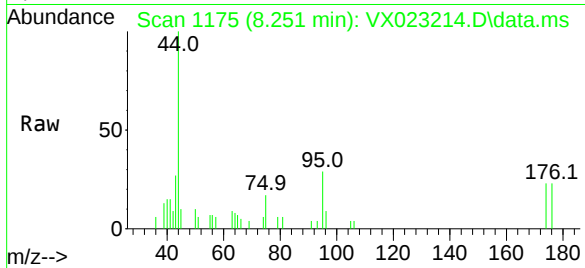




#58
2-Chloroethyl Vinyl ether
Concen: 4.773 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.001 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

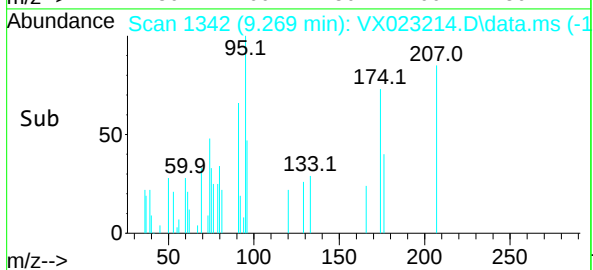
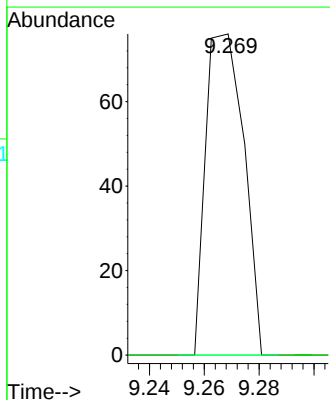
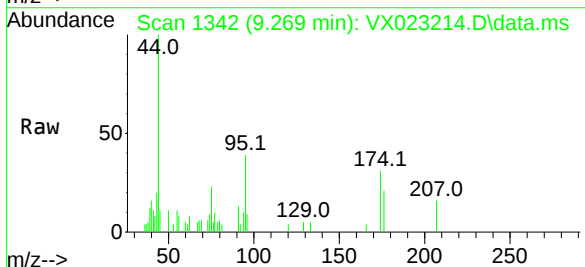
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

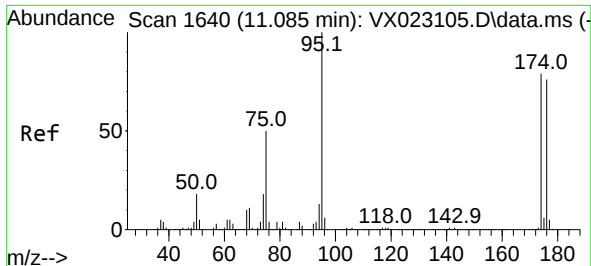
Tgt Ion: 63 Resp: 174
Ion Ratio Lower Upper
63 100
106 23.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.138 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 129 Resp: 73
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

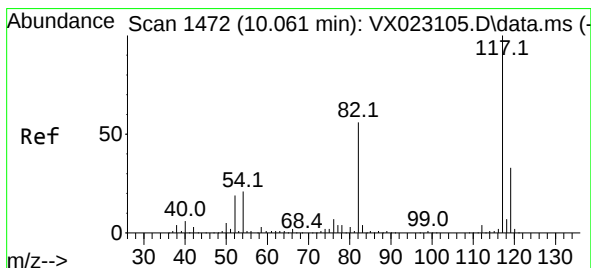
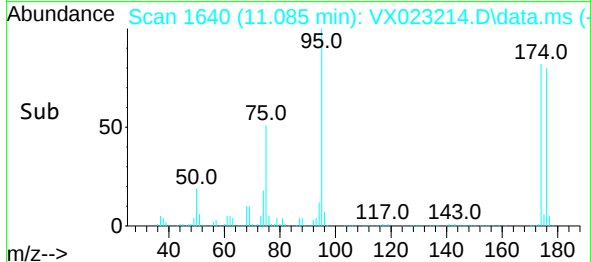
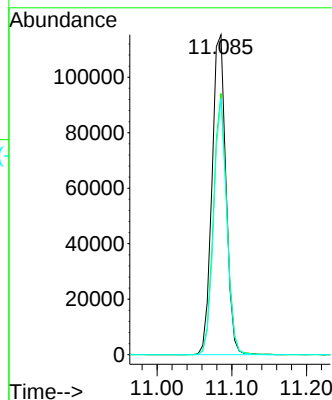
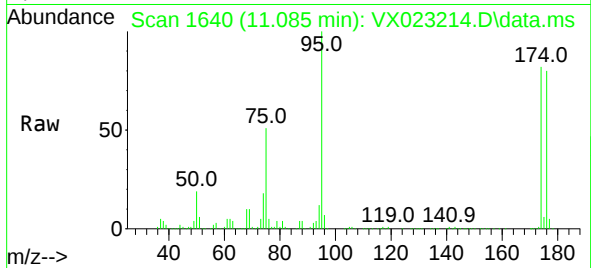




#62
4-Bromofluorobenzene
Concen: 46.741 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

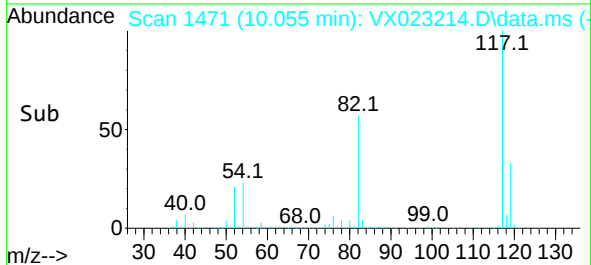
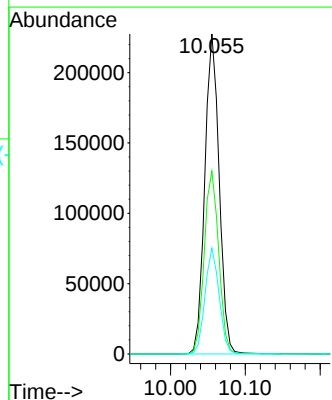
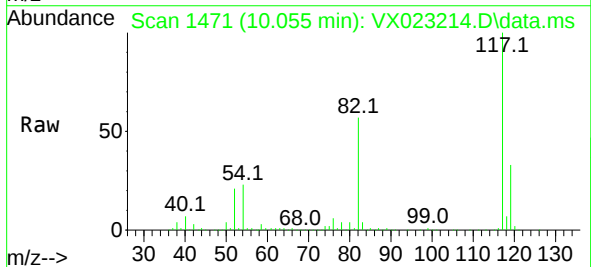
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

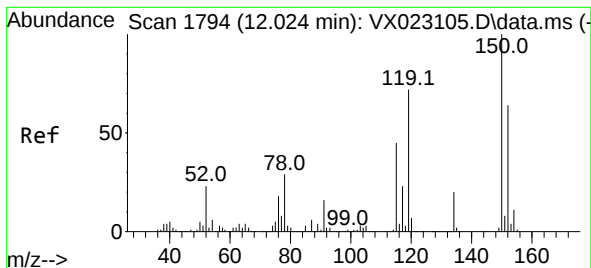
Tgt Ion: 95 Resp: 149742
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 117 Resp: 303577
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 33.1 26.6 39.8

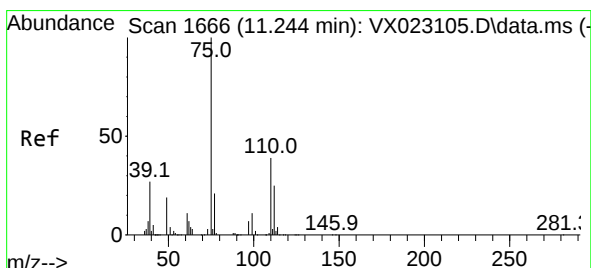
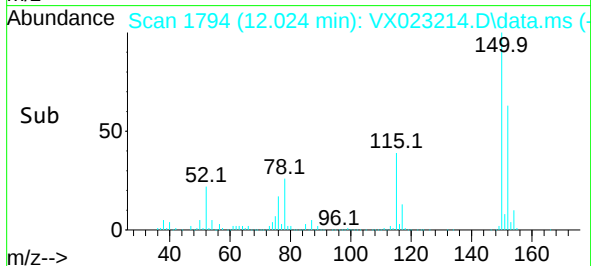
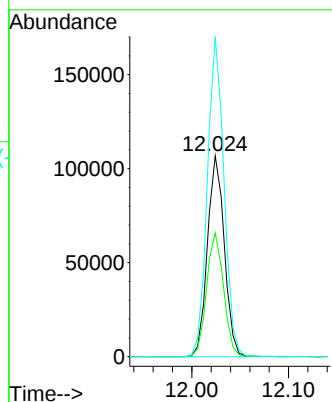
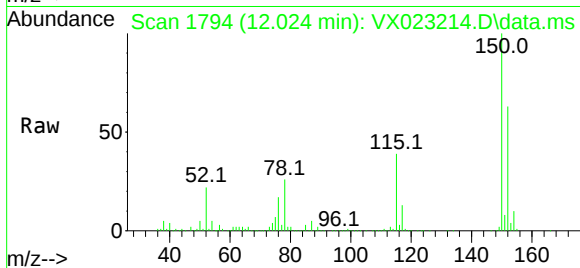




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

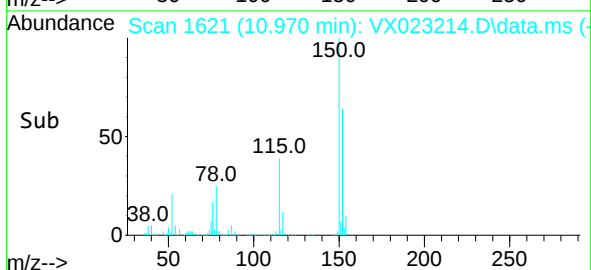
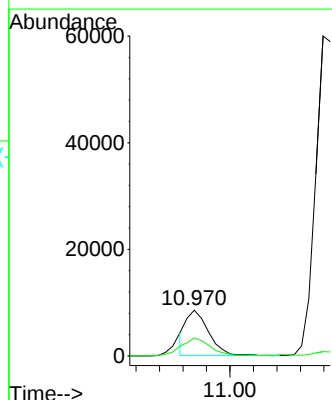
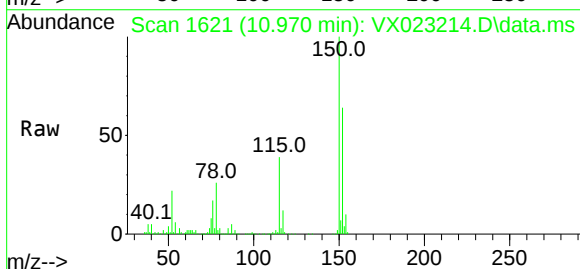
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

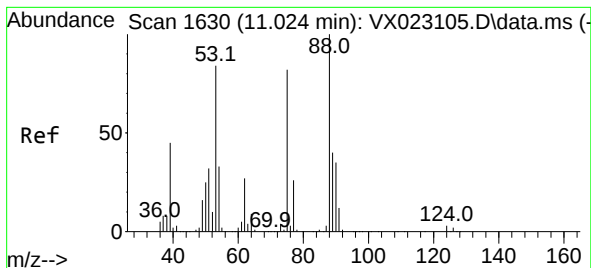
Tgt Ion:152 Resp: 130007
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 4.308 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. -0.274 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 75 Resp: 11271
Ion Ratio Lower Upper
75 100
77 38.5 19.1 57.5

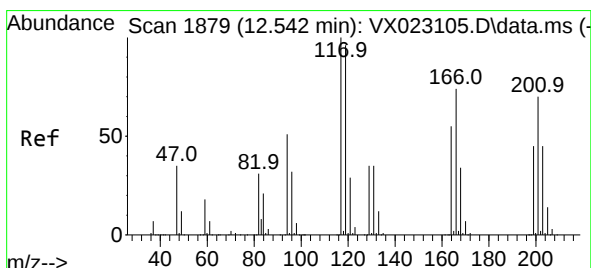
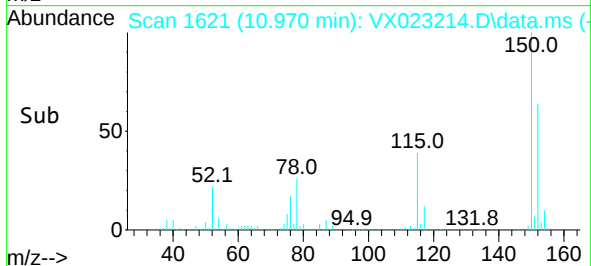
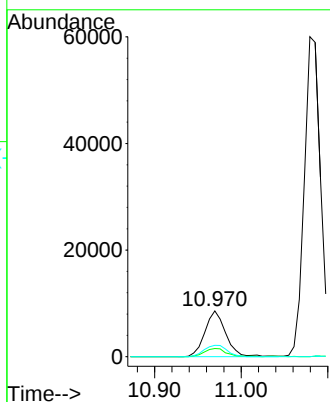
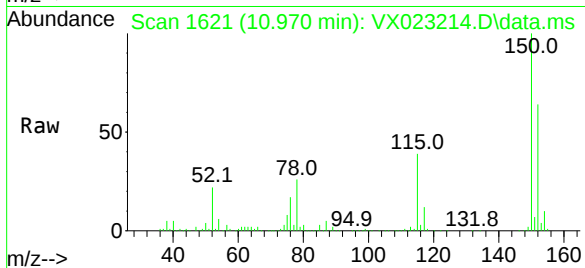




#81
trans-1,4-Dichloro-2-butene
Concen: 18.627 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. -0.054 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

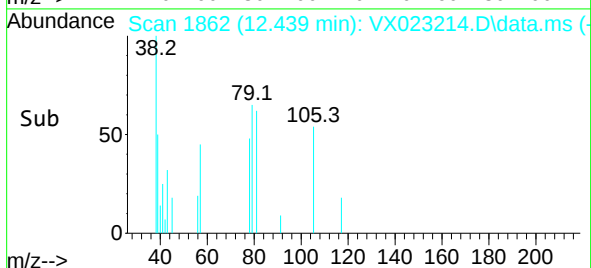
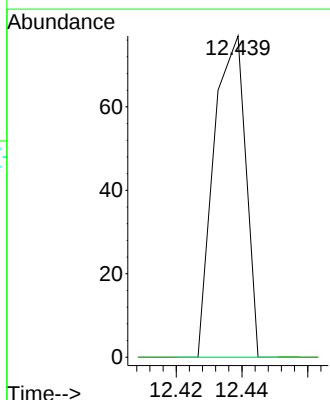
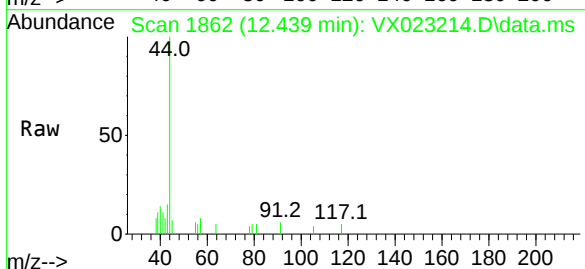
Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

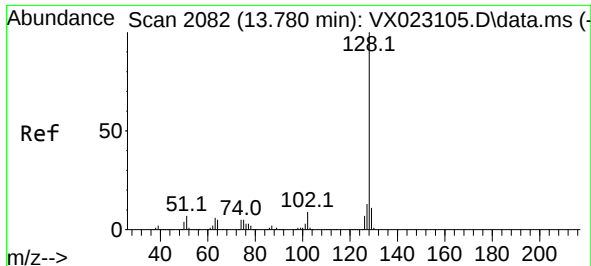
Tgt Ion: 75 Resp: 14352
Ion Ratio Lower Upper
75 100
53 19.0 74.5 111.7#
89 27.2 37.9 56.9#



#90
Hexachloroethane
Concen: 3.031 ug/l
RT: 12.439 min Scan# 1862
Delta R.T. -0.103 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion: 117 Resp: 52
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

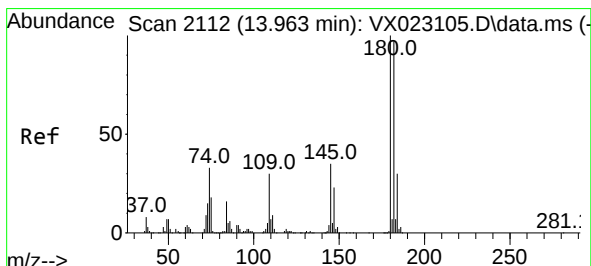
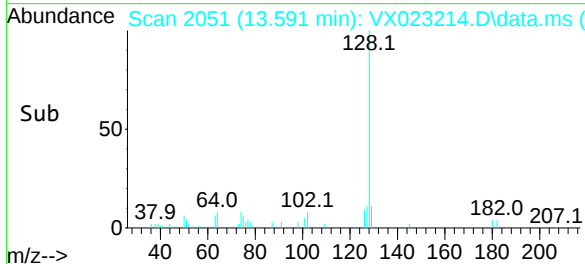
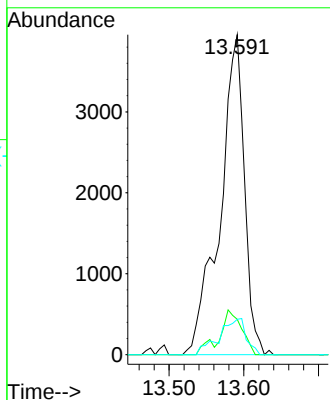
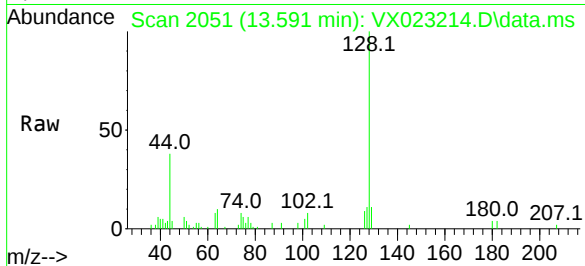




#95
Naphthalene
Concen: 2.177 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.189 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBL01

Tgt Ion:	128	Resp:	8976
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	12.4	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.154 ug/l
RT: 13.804 min Scan# 2086
Delta R.T. -0.159 min
Lab File: VX023214.D
Acq: 09 Jul 2021 10:12

Tgt Ion:	180	Resp:	3054
Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.6	142.9
145	31.3	16.1	48.3

