

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021824.D
 Acq On : 22 Apr 2021 18:05
 Operator : JC/MD
 Sample : M2138-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:45:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

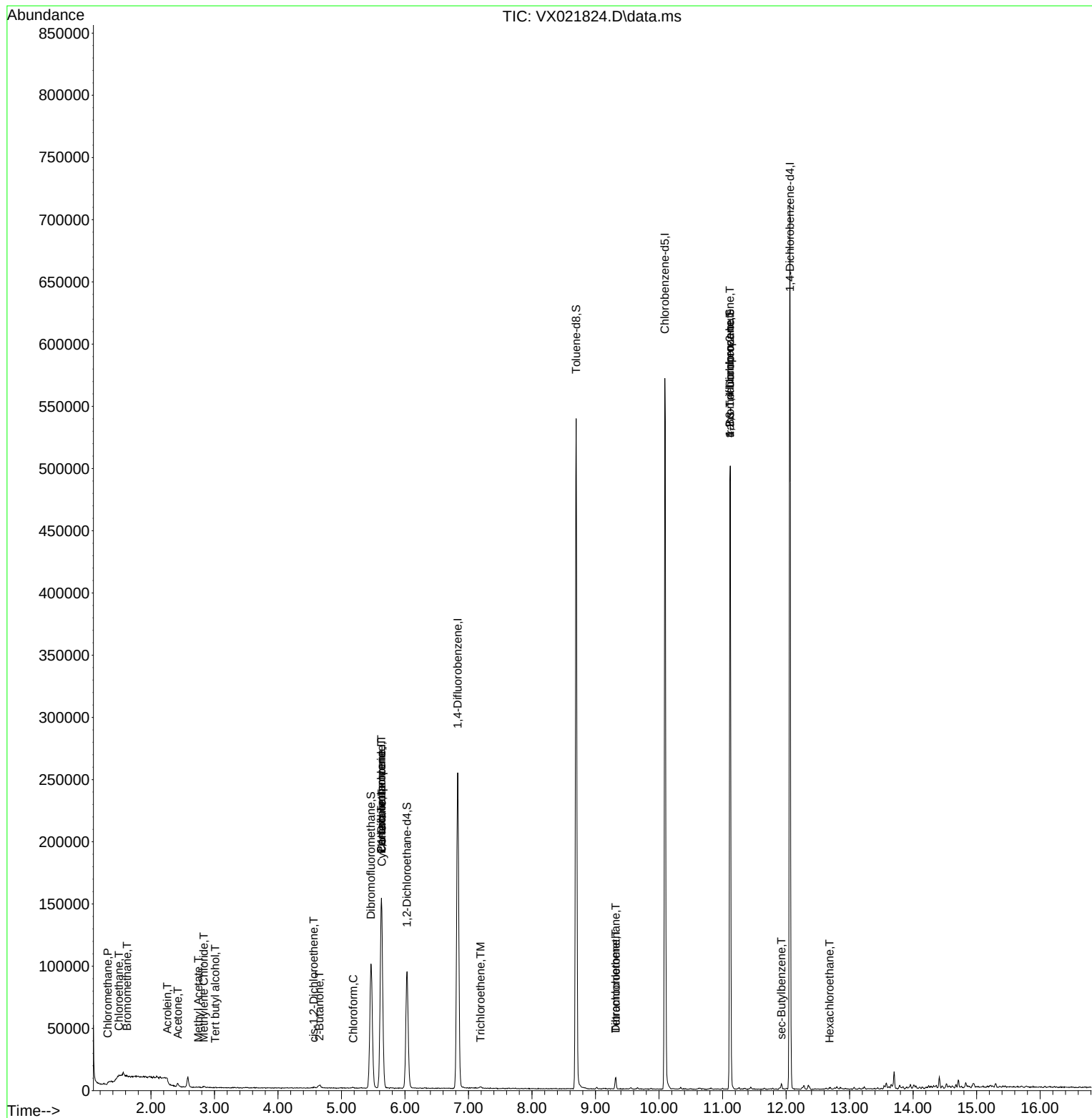
Internal Standards						
1) Pentafluorobenzene	5.629	168	152537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	275254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	287877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	87826	50.75	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.50%			
35) Dibromofluoromethane	5.464	113	88031	50.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.02%			
50) Toluene-d8	8.695	98	334991	49.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.00%			
62) 4-Bromofluorobenzene	11.116	95	145096	57.41	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.82%			
Target Compounds					Qvalue	
3) Chloromethane	1.319	50	646	0.64	ug/l	99
5) Bromomethane	1.624	94	182	0.24	ug/l #	2
6) Chloroethane	1.496	64	7196	6.51	ug/l #	55
11) Tert butyl alcohol	3.014	59	136	0.36	ug/l #	3
13) Acrolein	2.258	56	185	0.60	ug/l	88
16) Acetone	2.422	43	2911	4.89	ug/l	97
18) Methyl Acetate	2.745	43	524	0.32	ug/l #	58
20) Methylene Chloride	2.831	84	500	0.28	ug/l #	81
25) 2-Butanone	4.653	43	613	0.61	ug/l #	45
27) cis-1,2-Dichloroethene	4.562	96	614	0.33	ug/l	76
30) Chloroform	5.184	83	698	0.24	ug/l #	80
31) Cyclohexane	5.635	56	2694	1.11	ug/l #	13
36) 1,1-Dichloropropene	5.629	75	10173	4.19	ug/l #	49
38) Carbon Tetrachloride	5.629	117	14129	5.31	ug/l #	16
44) Trichloroethene	7.190	130	464	0.22	ug/l	59
60) Dibromochloromethane	9.317	129	1835	0.78	ug/l #	11
64) Tetrachloroethene	9.317	164	1883	0.84	ug/l	97
76) 1,2,3-Trichloropropane	11.116	75	65330	21.62	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	65330	49.73	ug/l #	12
85) sec-Butylbenzene	11.927	105	2495	0.24	ug/l	90
90) Hexachloroethane	12.683	117	425	0.24	ug/l #	9

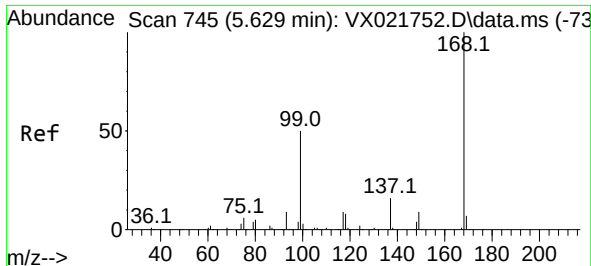
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Apr 23 07:45:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

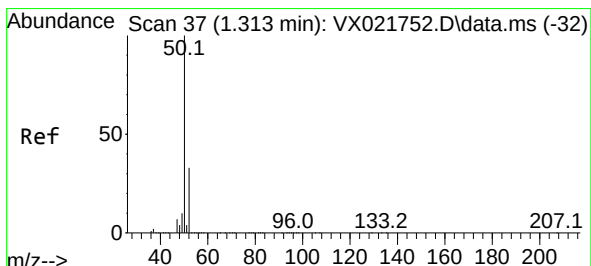
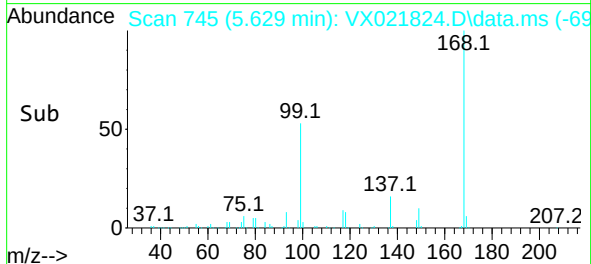
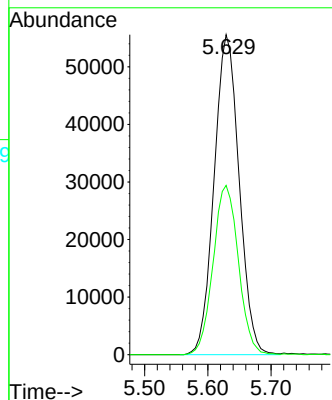
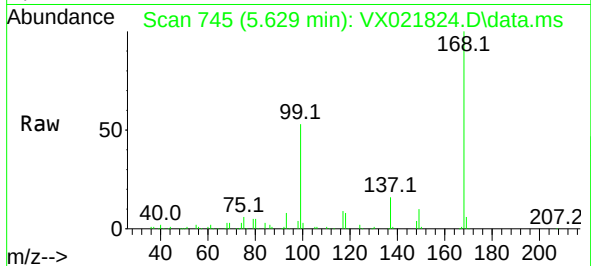




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

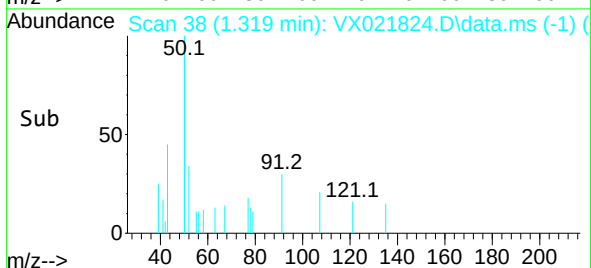
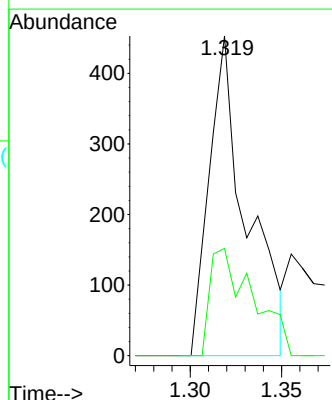
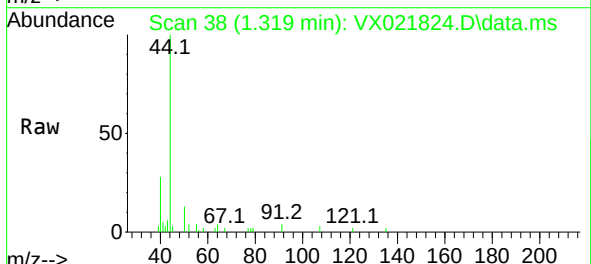
Instrument :
MSVOA_X
ClientSampleId :

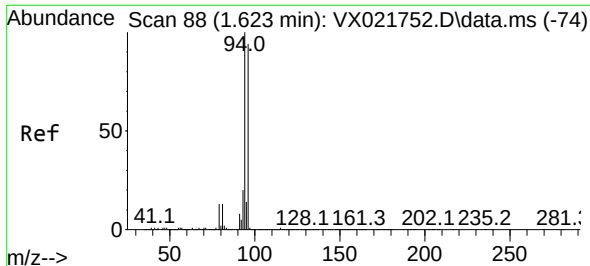
Tgt Ion:168 Resp: 152537
Ion Ratio Lower Upper
168 100
99 52.9 45.8 68.6



#3
Chloromethane
Concen: 0.64 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 33.6 26.4 39.6

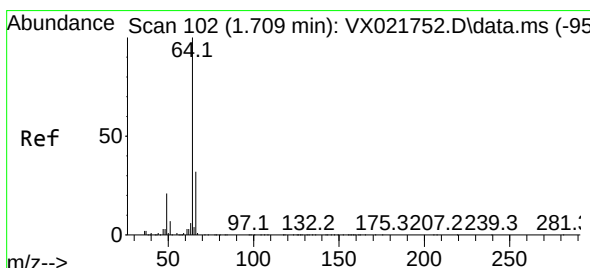
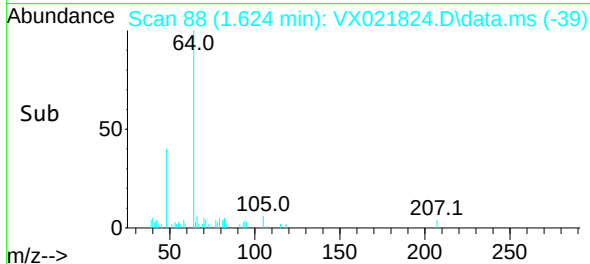
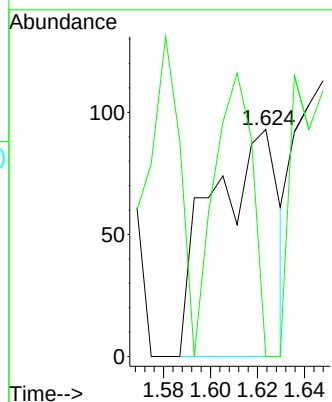
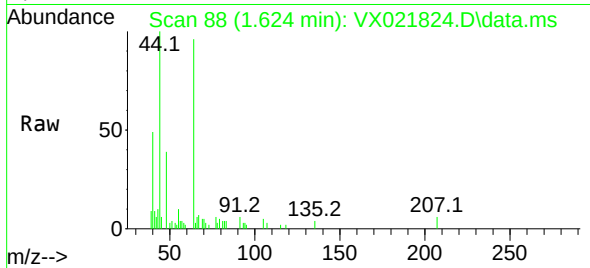




#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.001 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

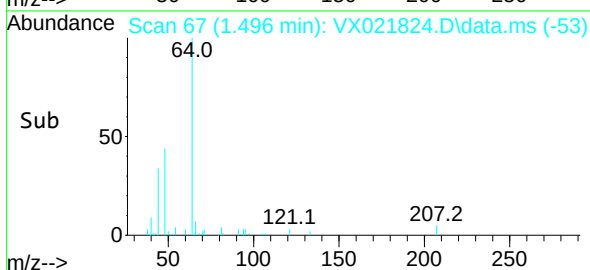
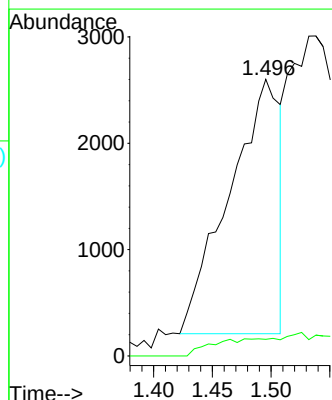
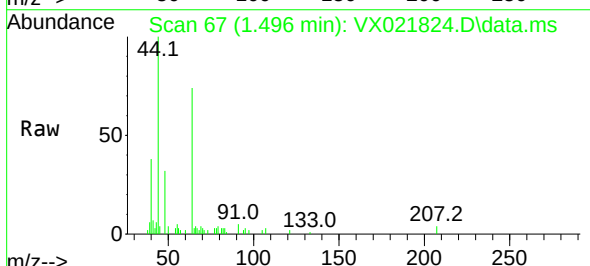
Instrument :
MSVOA_X
ClientSampled :

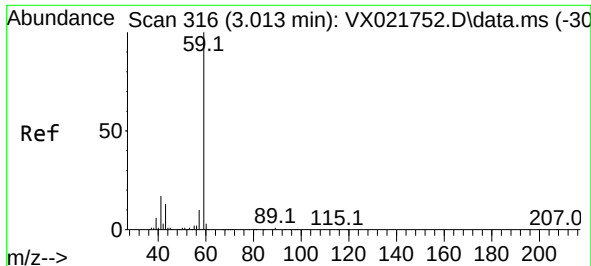
Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#6
Chloroethane
Concen: 6.51 ug/l
RT: 1.496 min Scan# 67
Delta R.T. -0.213 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Tgt Ion: 64 Resp: 7196
Ion Ratio Lower Upper
64 100
66 6.6 25.4 38.0#

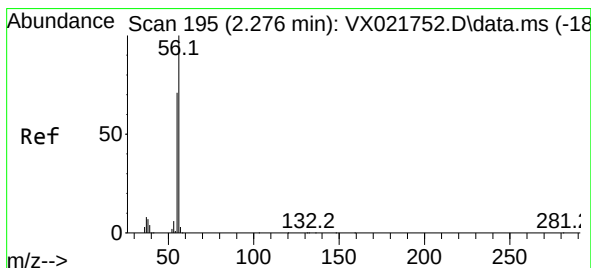
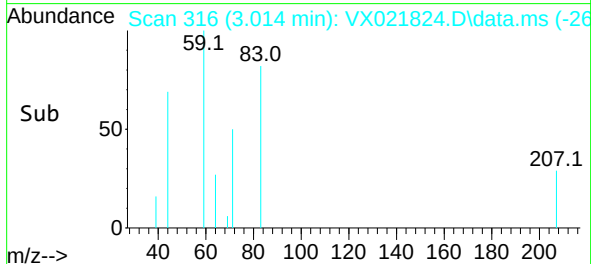
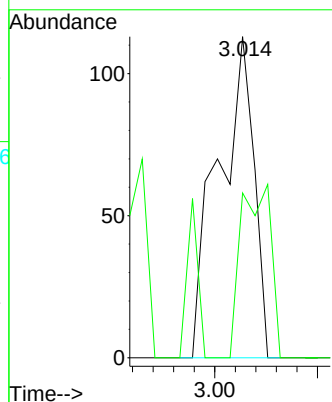
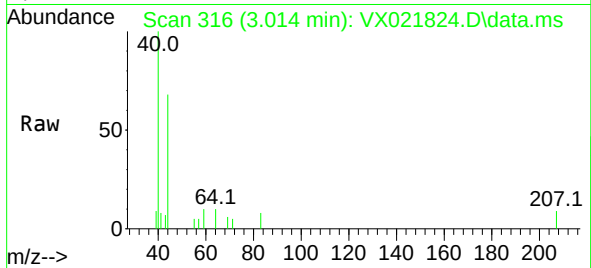




#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

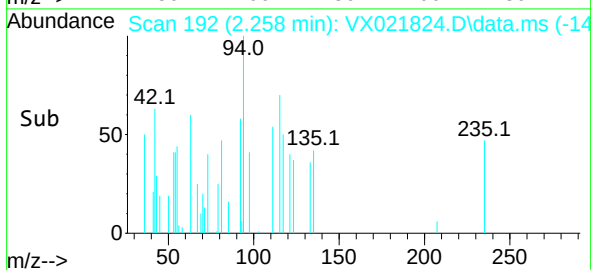
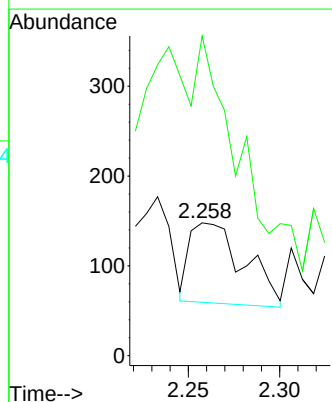
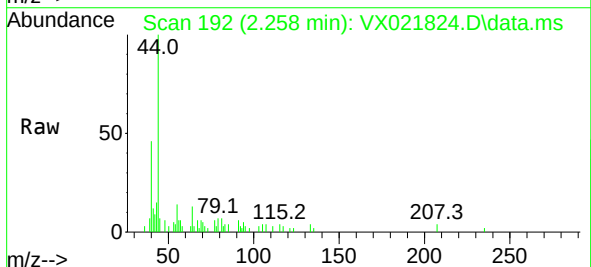
Instrument :
MSVOA_X
ClientSampled :

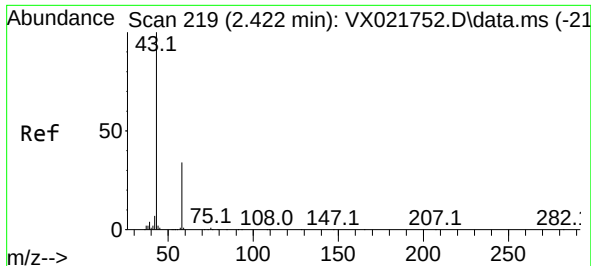
Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 45.6 7.8 11.8#



#13
Acrolein
Concen: 0.60 ug/l
RT: 2.258 min Scan# 192
Delta R.T. -0.018 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Tgt Ion: 56 Resp: 185
Ion Ratio Lower Upper
56 100
55 60.5 56.4 84.6

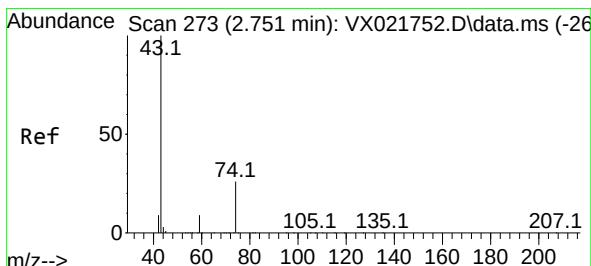
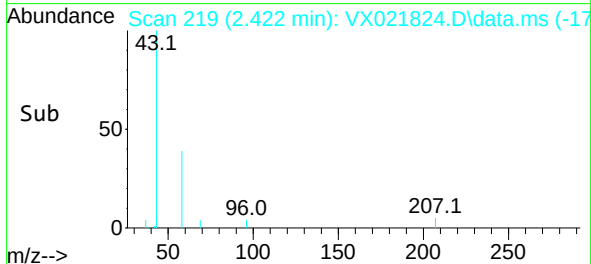
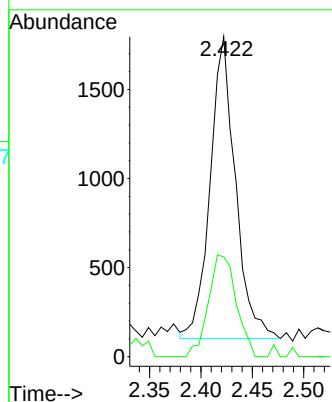
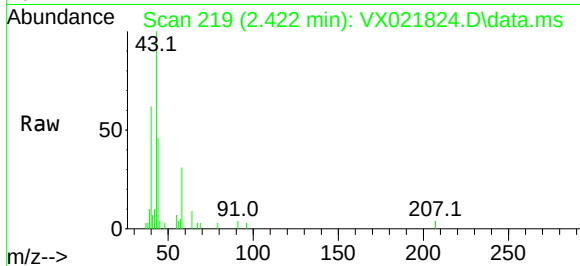




#16
Acetone
Concen: 4.89 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

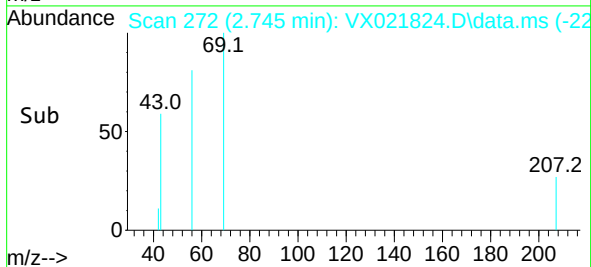
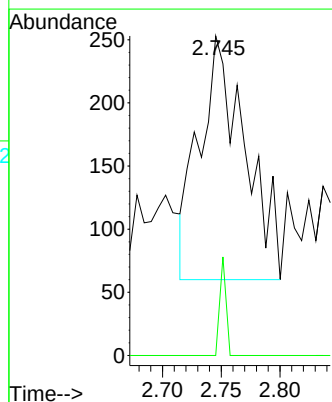
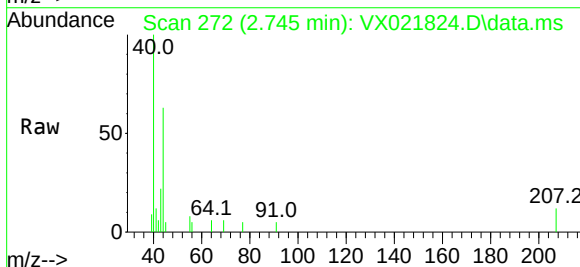
Instrument :
MSVOA_X
ClientSampled :

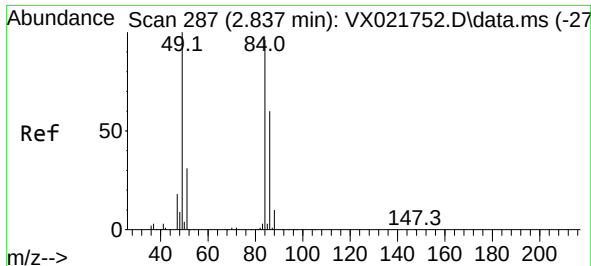
Tgt Ion: 43 Resp: 2911
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.745 min Scan# 272
Delta R.T. -0.006 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

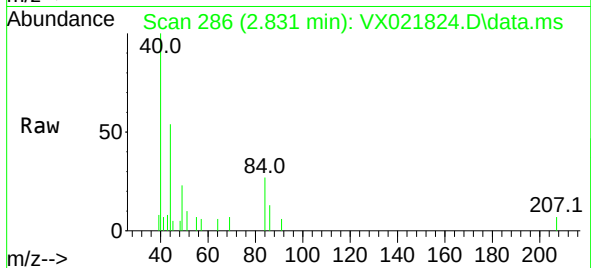
Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
74 5.5 21.9 32.9#



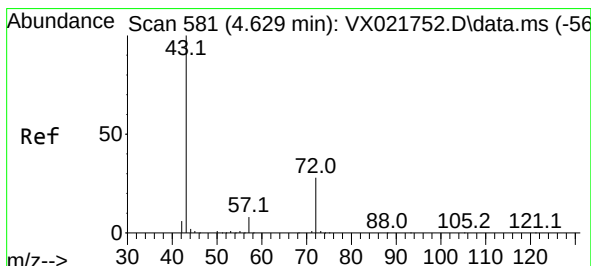
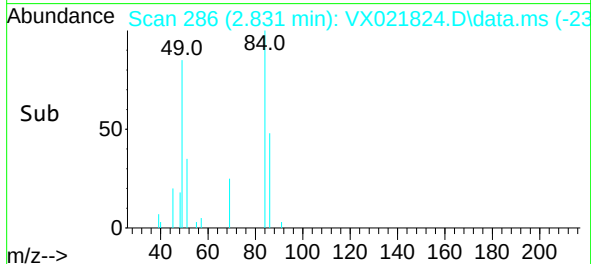
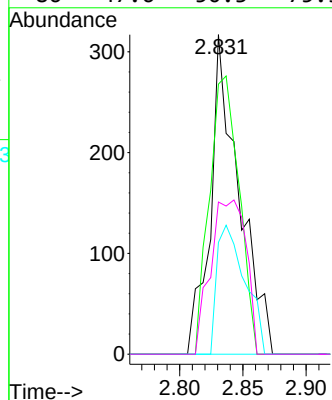


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Instrument :
MSVOA_X
ClientSampled :

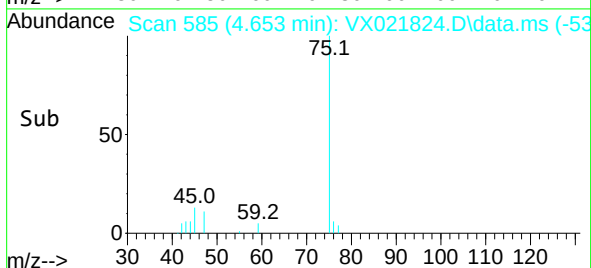
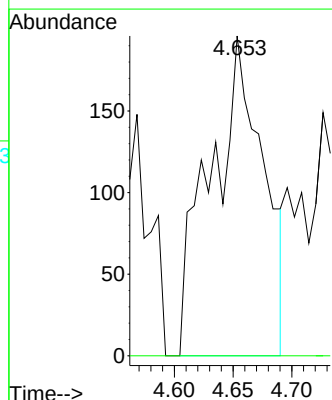
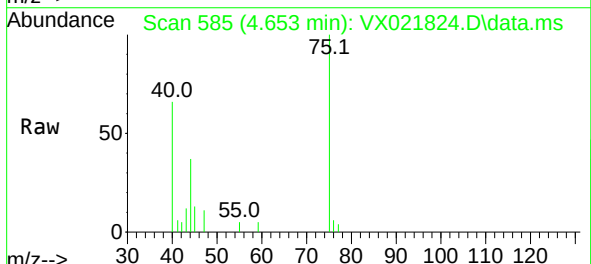


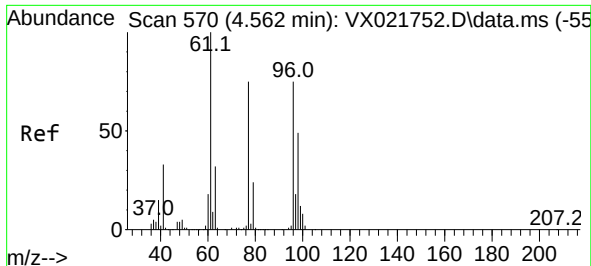
Tgt Ion: 84 Resp: 500
Ion Ratio Lower Upper
84 100
49 84.5 88.6 132.8#
51 35.0 27.0 40.6
86 47.6 50.3 75.5#



#25
2-Butanone
Concen: 0.61 ug/l
RT: 4.653 min Scan# 585
Delta R.T. 0.024 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.33 ug/l

RT: 4.562 min Scan# 570

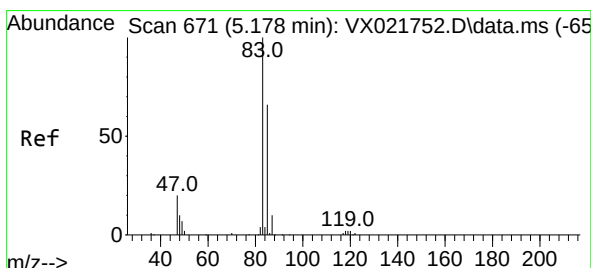
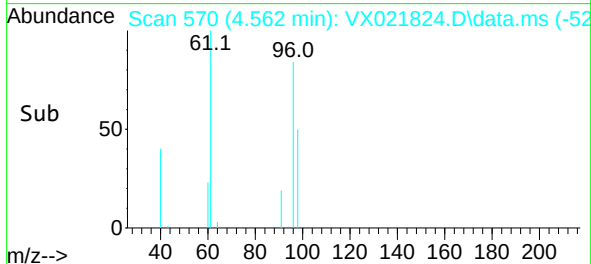
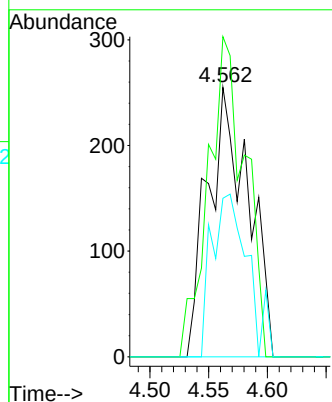
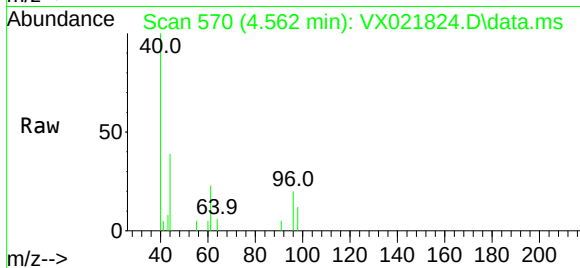
Delta R.T. 0.000 min

Lab File: VX021824.D

Acq: 22 Apr 2021 18:05

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	96	Resp:	614
Ion	Ratio	Lower	Upper
96	100		
61	107.2	0.0	285.6
98	53.4	0.0	129.6



#30

Chloroform

Concen: 0.24 ug/l

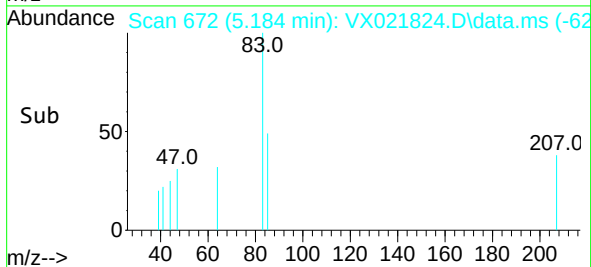
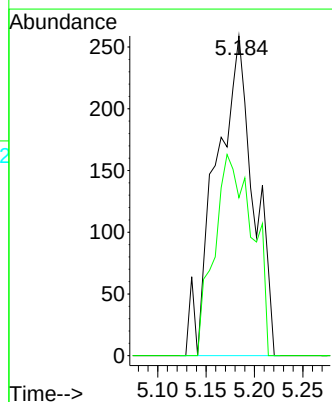
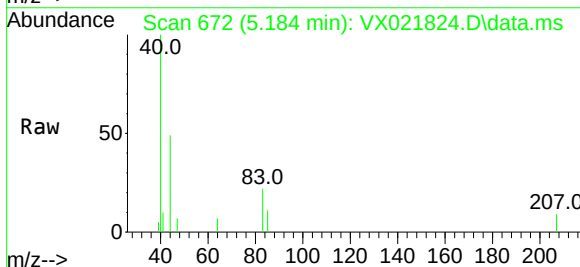
RT: 5.184 min Scan# 672

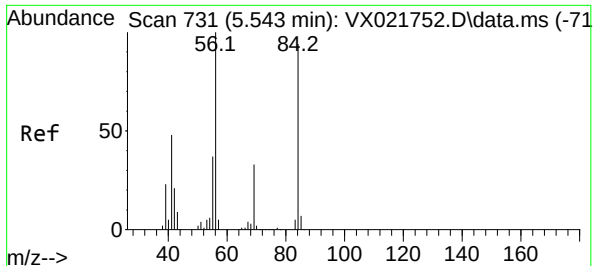
Delta R.T. 0.006 min

Lab File: VX021824.D

Acq: 22 Apr 2021 18:05

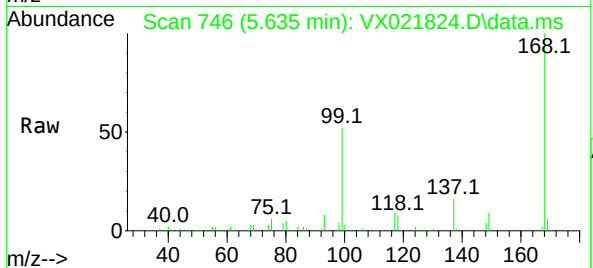
Tgt Ion:	83	Resp:	698
Ion	Ratio	Lower	Upper
83	100		
85	49.4	52.0	78.0#



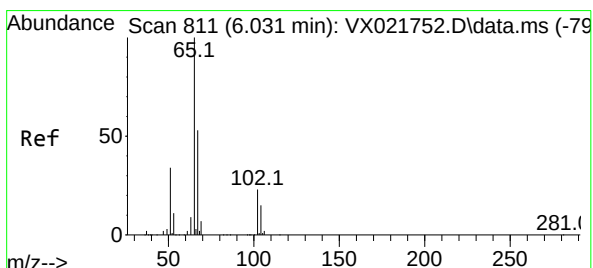
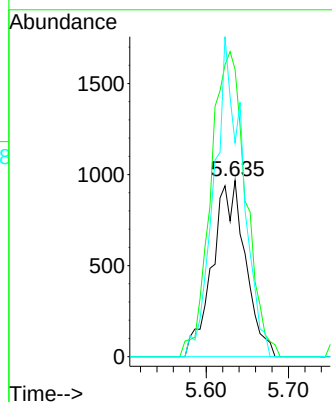
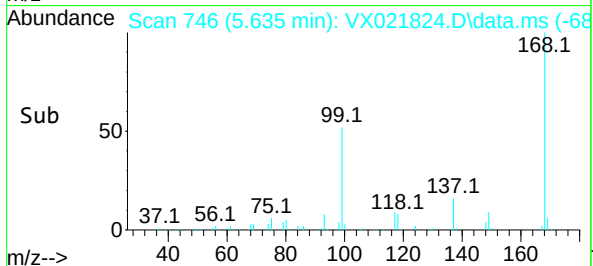


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.092 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

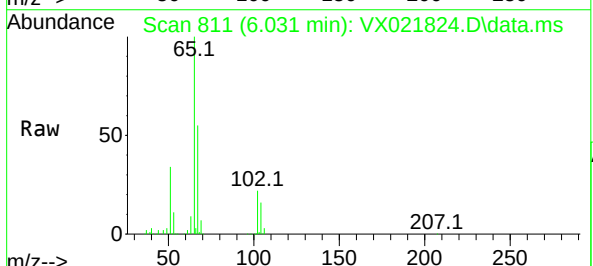
Instrument :
MSVOA_X
ClientSampled :



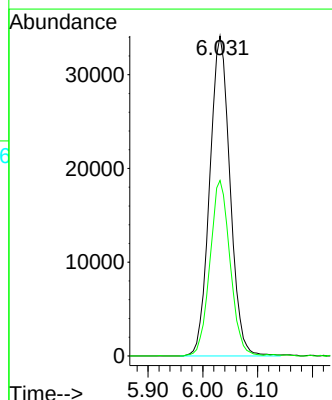
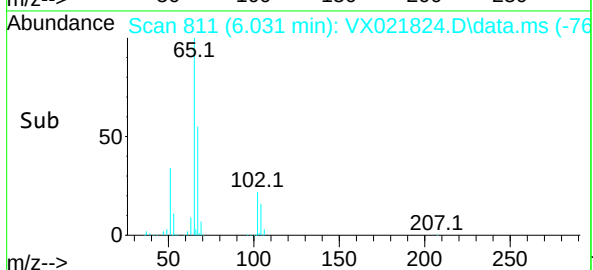
Tgt Ion: 56 Resp: 2694
Ion Ratio Lower Upper
56 100
69 163.1 25.3 37.9#
84 121.4 71.4 107.0#

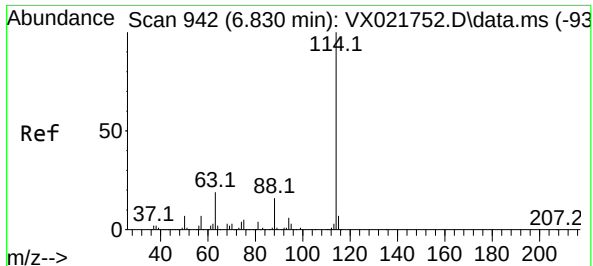


#33
1,2-Dichloroethane-d4
Concen: 50.75 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05



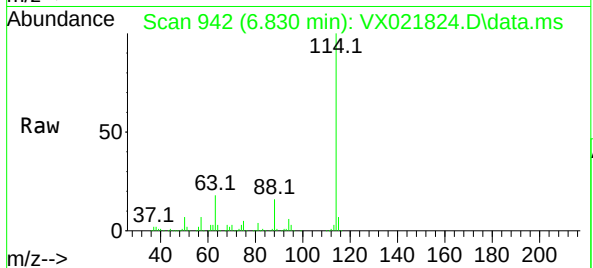
Tgt Ion: 65 Resp: 87826
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4



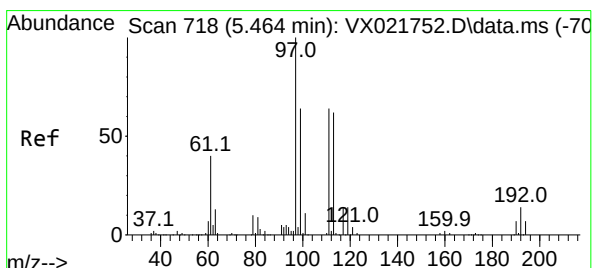
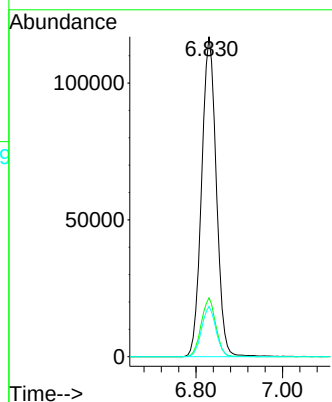
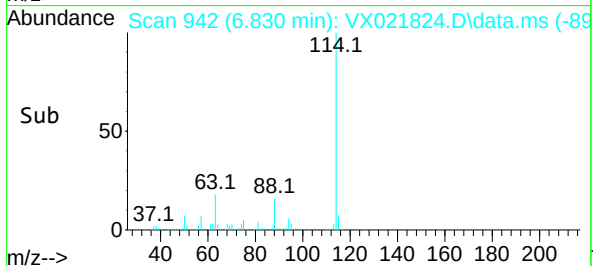


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

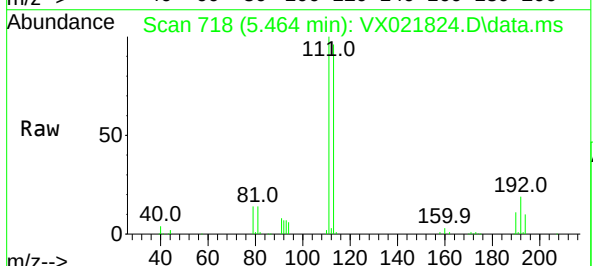
Instrument :
MSVOA_X
ClientSampleId :



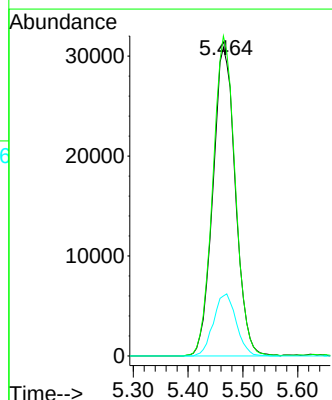
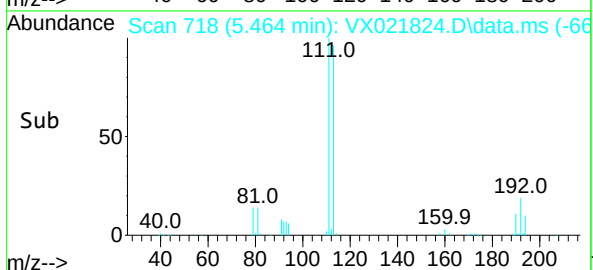
Tgt Ion:114 Resp: 275254
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.8
88 15.7 0.0 32.8

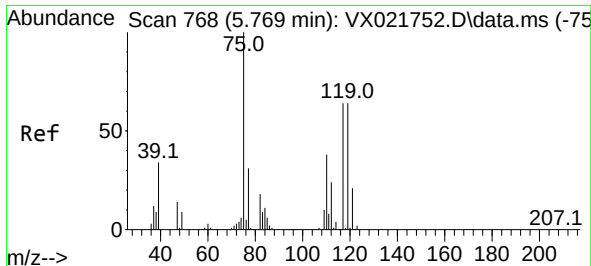


#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05



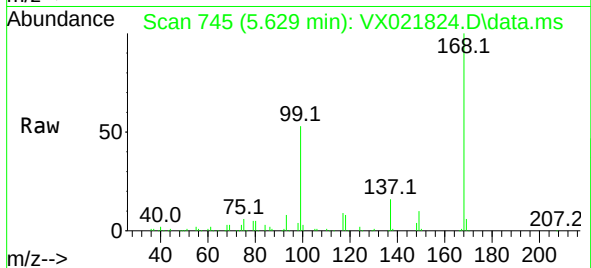
Tgt Ion:113 Resp: 88031
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.3 16.7 25.1



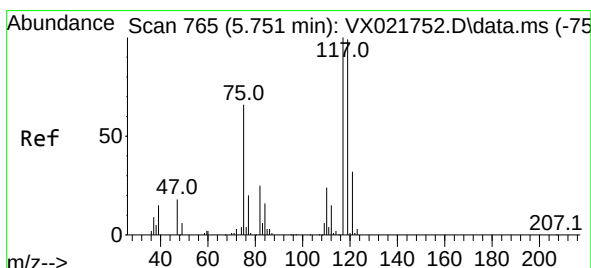
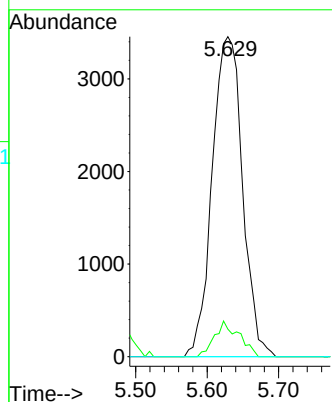
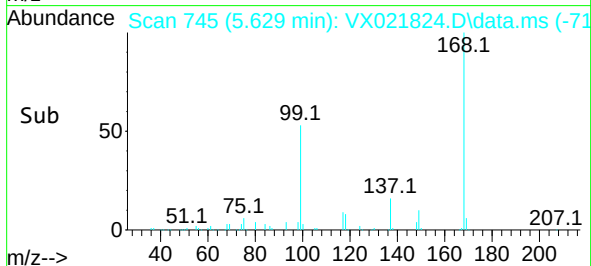


#36
 1,1-Dichloropropene
 Concen: 4.19 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. -0.140 min
 Lab File: VX021824.D
 Acq: 22 Apr 2021 18:05

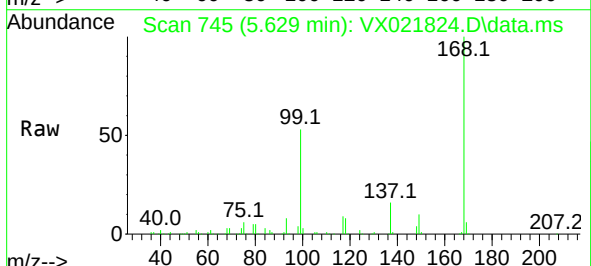
Instrument :
 MSVOA_X
 ClientSampled :



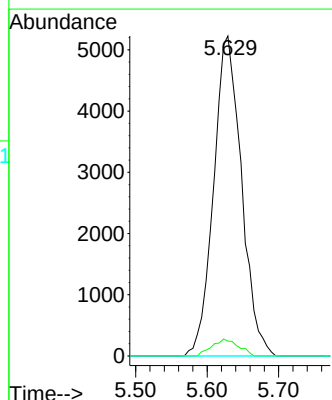
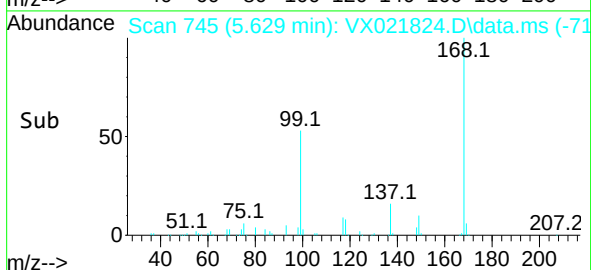
Tgt Ion: 75 Resp: 10173
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.4#
 77 0.0 25.3 37.9#

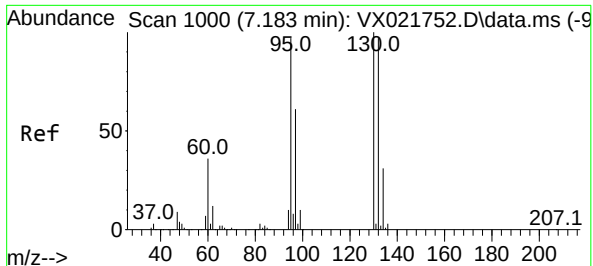


#38
 Carbon Tetrachloride
 Concen: 5.31 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. -0.122 min
 Lab File: VX021824.D
 Acq: 22 Apr 2021 18:05



Tgt Ion: 117 Resp: 14129
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.2 114.2#
 121 0.0 24.8 37.2#

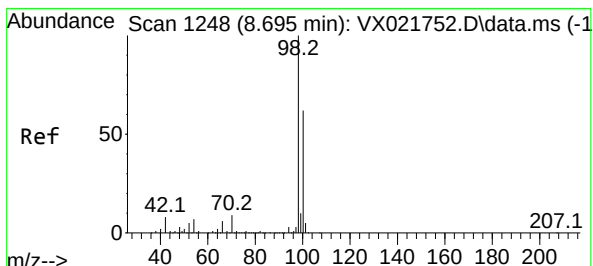
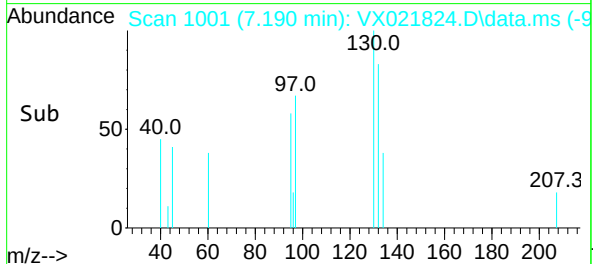
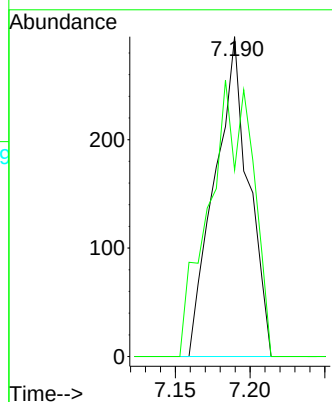
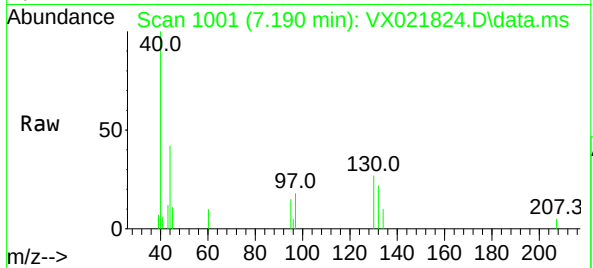




#44
Trichloroethene
Concen: 0.22 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

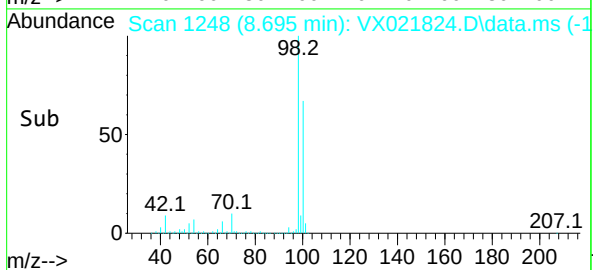
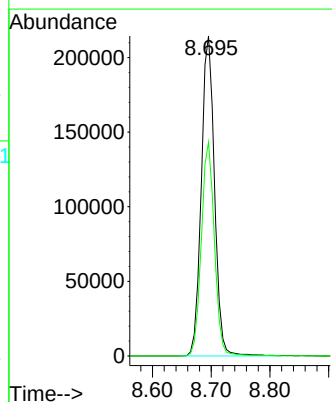
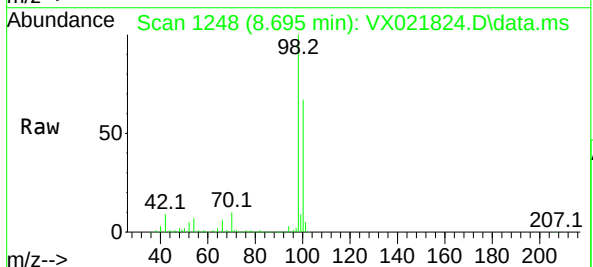
Instrument :
MSVOA_X
ClientSampled :

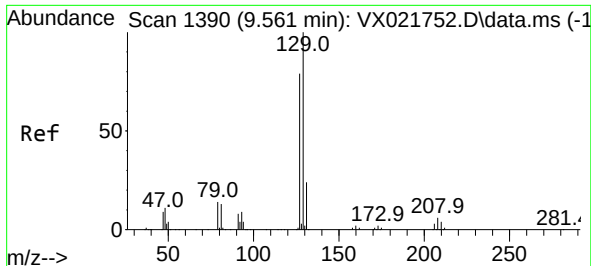
Tgt Ion:130 Resp: 464
Ion Ratio Lower Upper
130 100
95 58.3 0.0 198.0



#50
Toluene-d8
Concen: 49.50 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Tgt Ion: 98 Resp: 334991
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

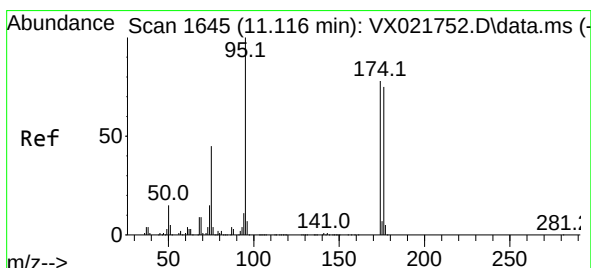
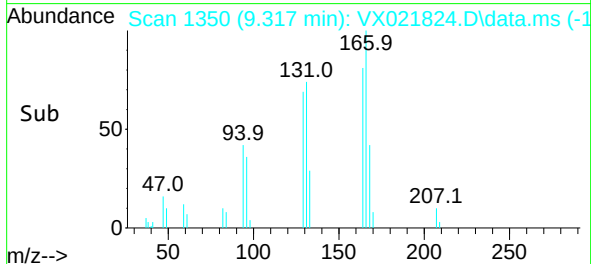
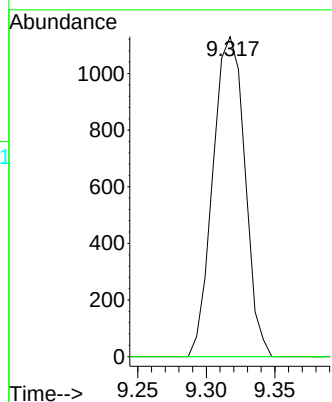
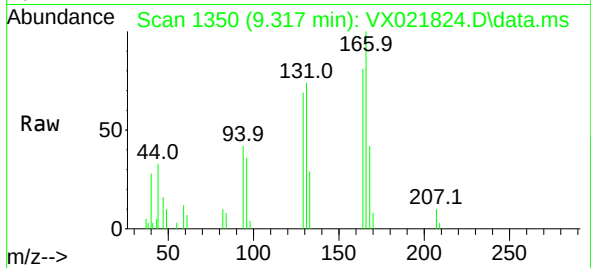




#60
Dibromochloromethane
Concen: 0.78 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

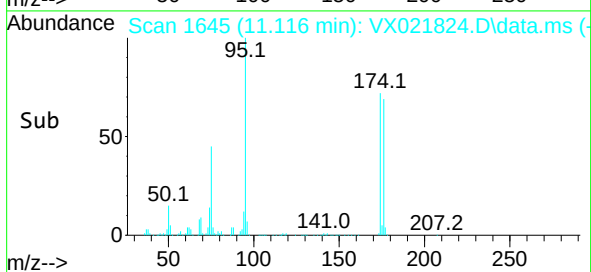
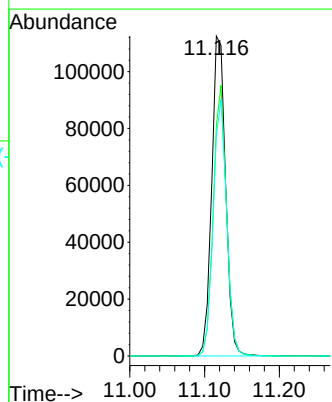
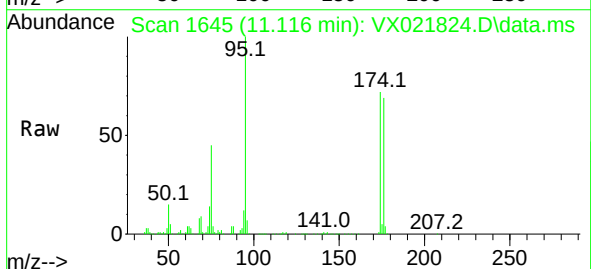
Instrument :
MSVOA_X
ClientSampled :

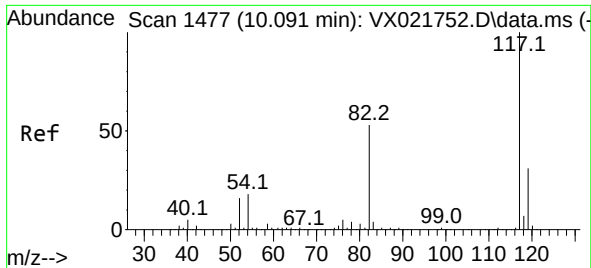
Tgt Ion:129 Resp: 1835
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 57.41 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Tgt Ion: 95 Resp: 145096
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.9 0.0 155.8

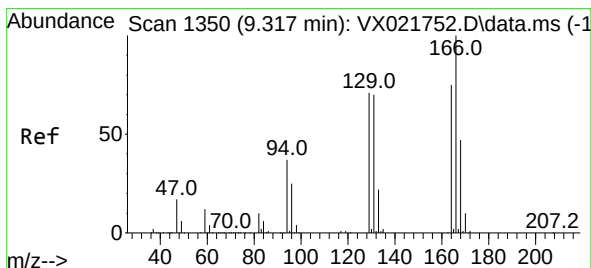
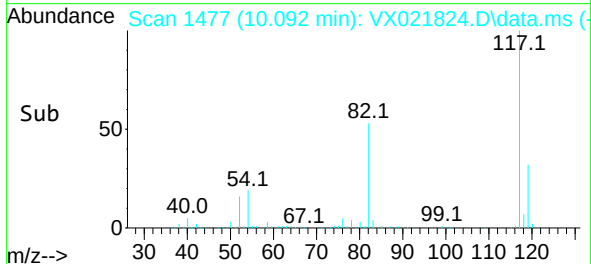
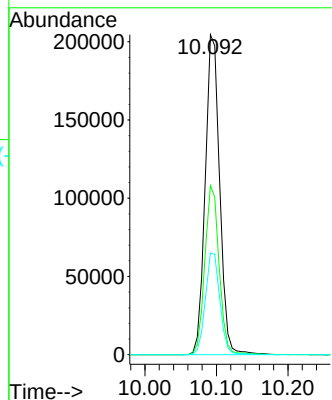
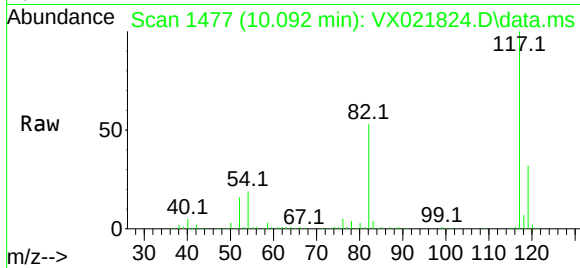




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

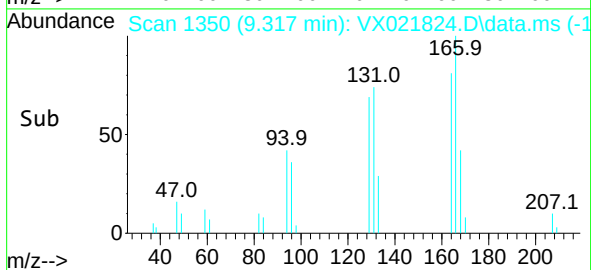
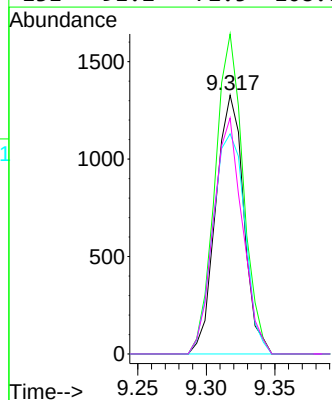
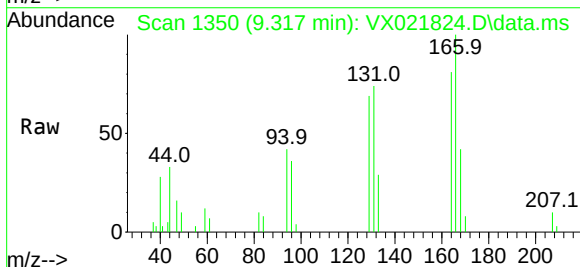
Instrument :
MSVOA_X
ClientSampled :

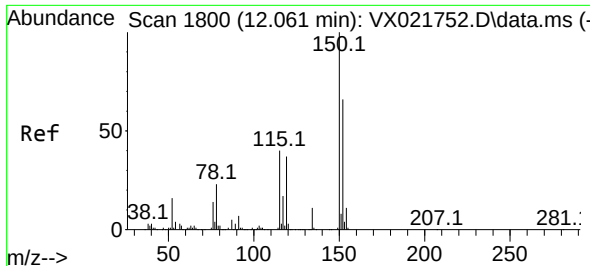
Tgt Ion:117 Resp: 287877
Ion Ratio Lower Upper
117 100
82 52.9 47.4 71.2
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.84 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

Tgt Ion:164 Resp: 1883
Ion Ratio Lower Upper
164 100
166 123.6 103.4 155.2
129 85.1 70.8 106.2
131 91.2 72.5 108.7

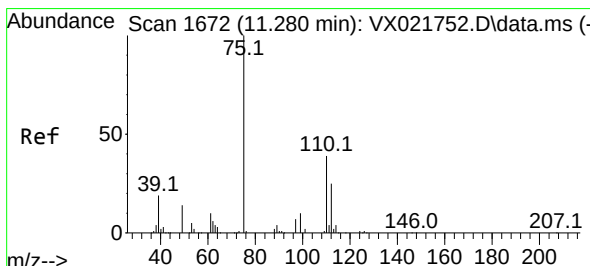
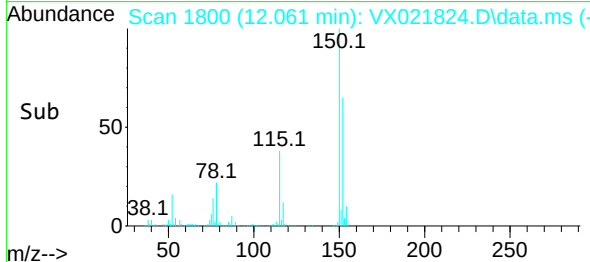
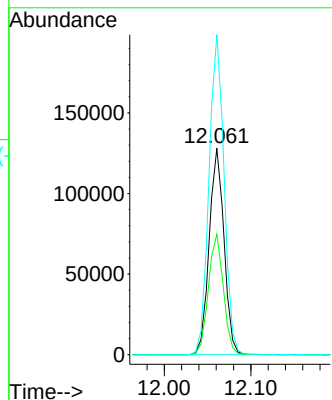
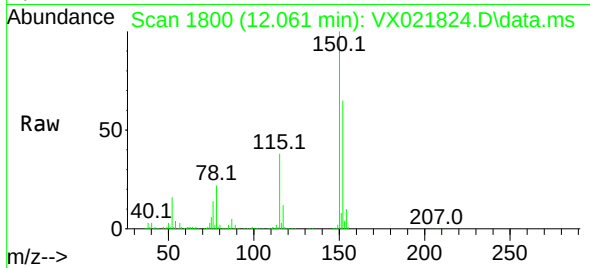




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021824.D
 Acq: 22 Apr 2021 18:05

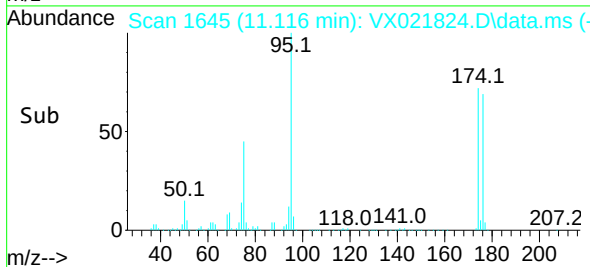
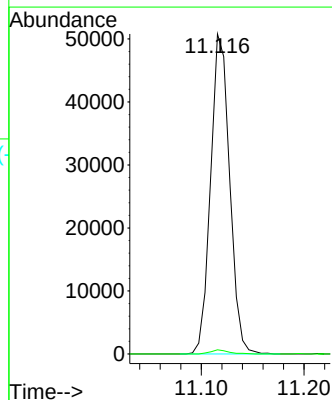
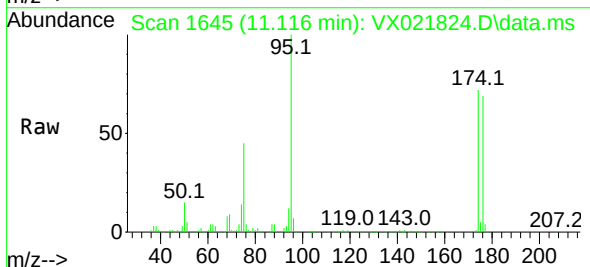
Instrument :
 MSVOA_X
 ClientSampleId :

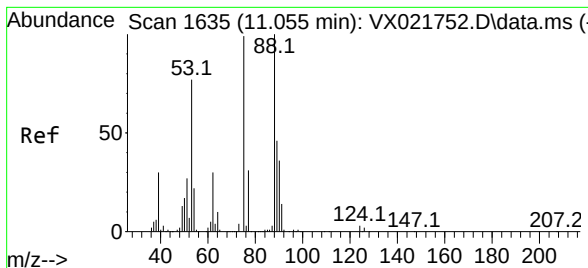
Tgt Ion:152 Resp: 152344
 Ion Ratio Lower Upper
 152 100
 115 58.7 41.1 123.3
 150 157.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.62 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021824.D
 Acq: 22 Apr 2021 18:05

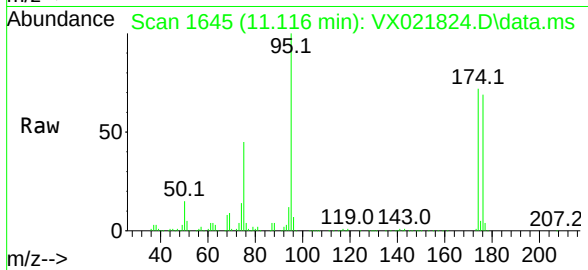
Tgt Ion: 75 Resp: 65330
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#



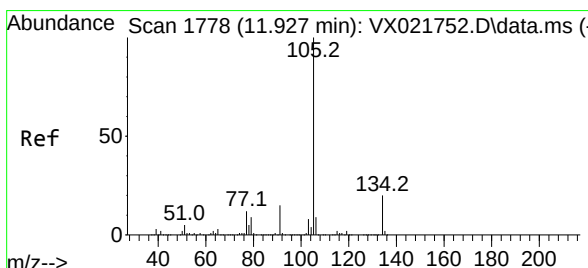
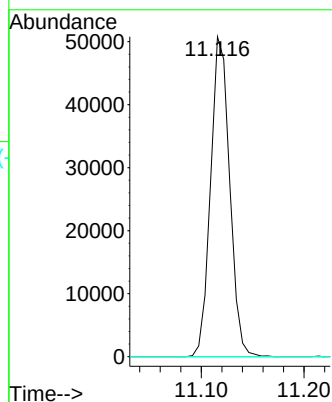
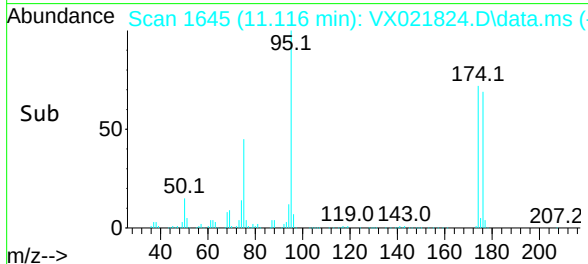


#81
trans-1,4-Dichloro-2-butene
Concen: 49.73 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05

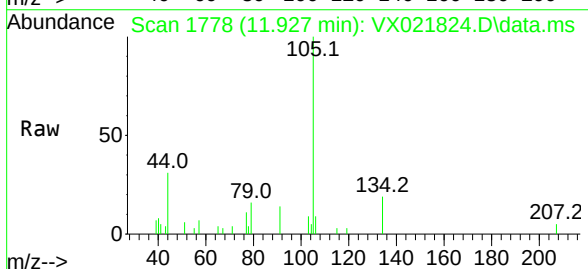
Instrument :
MSVOA_X
ClientSampleId :



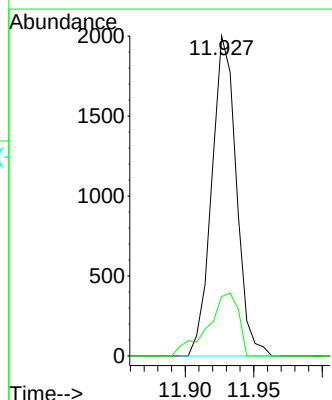
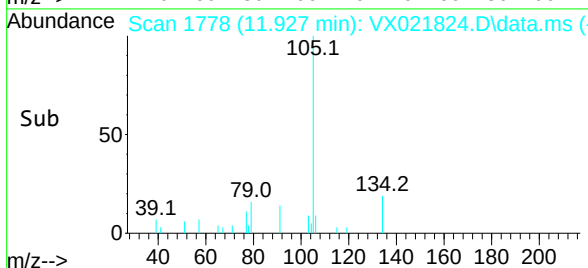
Tgt Ion: 75 Resp: 65330
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

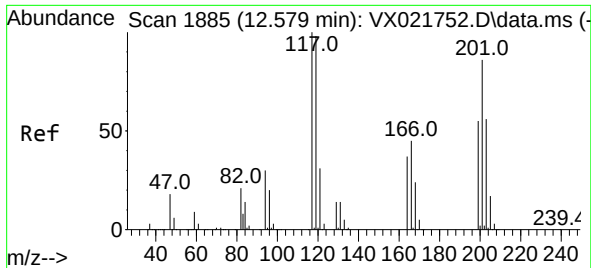


#85
sec-Butylbenzene
Concen: 0.24 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX021824.D
Acq: 22 Apr 2021 18:05



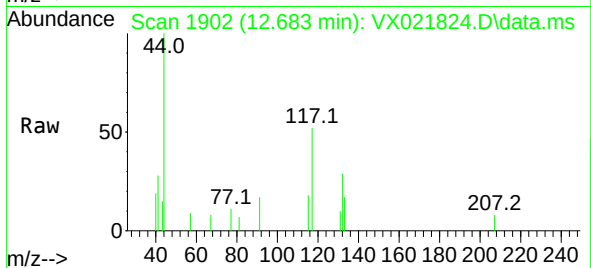
Tgt Ion: 105 Resp: 2495
Ion Ratio Lower Upper
105 100
134 24.6 10.0 29.8





#90
 Hexachloroethane
 Concen: 0.24 ug/l
 RT: 12.683 min Scan# 1902
 Delta R.T. 0.104 min
 Lab File: VX021824.D
 Acq: 22 Apr 2021 18:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 425
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#

