

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021830.D
 Acq On : 22 Apr 2021 20:21
 Operator : JC/MD
 Sample : M2138-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:46:41 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)

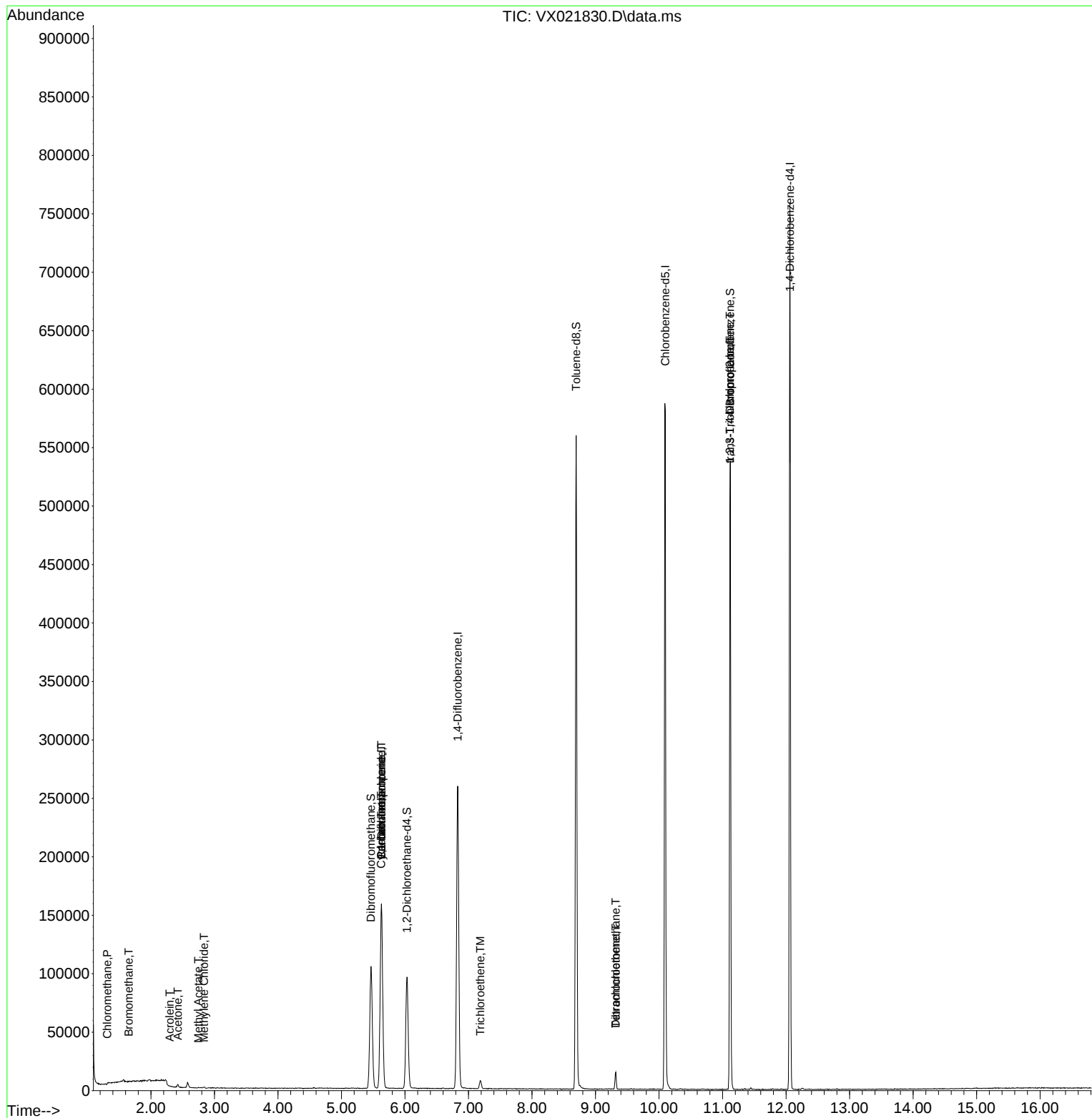
Internal Standards						
1) Pentafluorobenzene	5.629	168	157654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	281743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	301204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	161200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	91403	51.11	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.22%
35) Dibromofluoromethane	5.464	113	92125	51.13	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.26%
50) Toluene-d8	8.695	98	349138	50.40	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.80%
62) 4-Bromofluorobenzene	11.122	95	150562	58.20	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.40%
Target Compounds						
						Qvalue
3) Chloromethane	1.312	50	724	0.66	ug/l #	83
5) Bromomethane	1.648	94	262	0.33	ug/l #	71
13) Acrolein	2.294	56	106	0.33	ug/l #	14
16) Acetone	2.422	43	2450	3.98	ug/l	90
18) Methyl Acetate	2.745	43	385	0.23	ug/l	95
20) Methylene Chloride	2.836	84	401	0.22	ug/l #	73
31) Cyclohexane	5.623	56	2613	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10433	4.19	ug/l #	45
38) Carbon Tetrachloride	5.629	117	14793	5.43	ug/l #	16
44) Trichloroethene	7.183	130	2904	1.34	ug/l	85
60) Dibromochloromethane	9.317	129	2792	1.16	ug/l #	11
64) Tetrachloroethene	9.317	164	2790	1.18	ug/l	94
76) 1,2,3-Trichloropropane	11.115	75	68937	21.57	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.115	75	68937	49.59	ug/l #	12

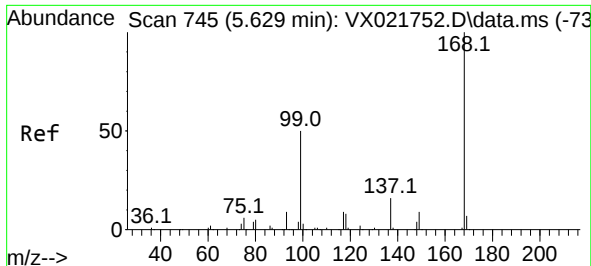
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Apr 23 07:46:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
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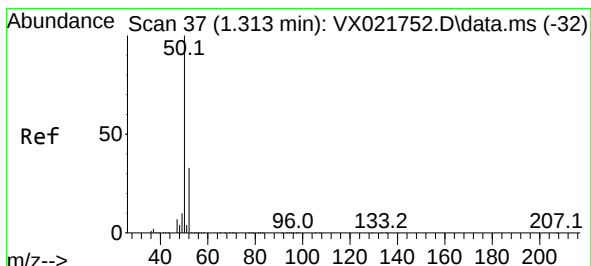
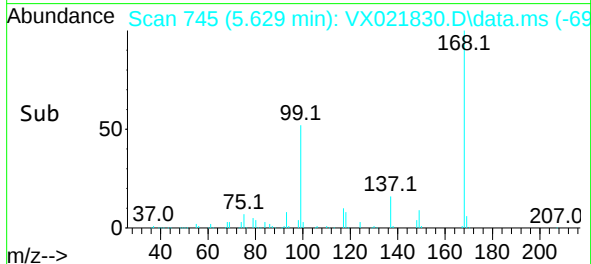
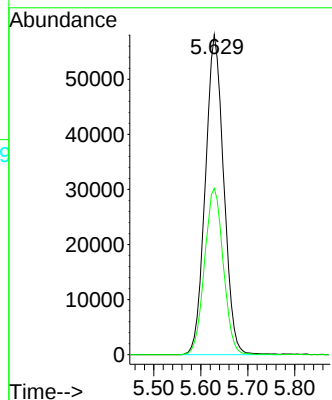
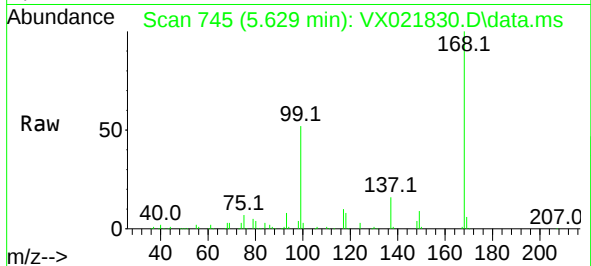




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

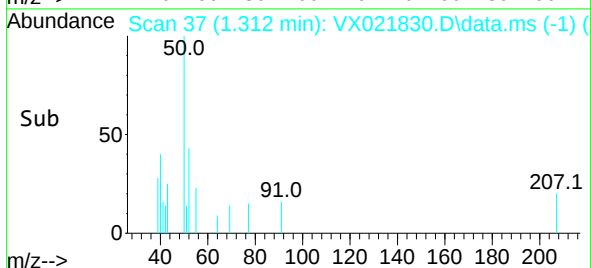
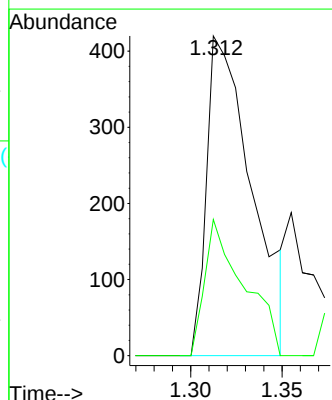
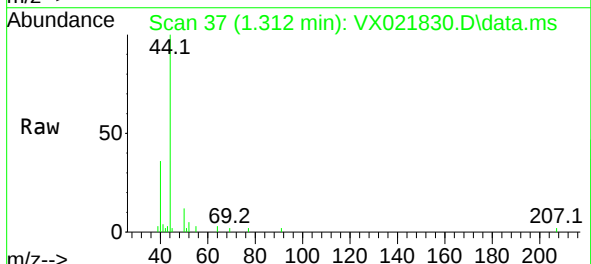
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 157654
Ion Ratio Lower Upper
168 100
99 51.9 45.8 68.6



#3
Chloromethane
Concen: 0.66 ug/l
RT: 1.312 min Scan# 37
Delta R.T. -0.001 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 42.6 26.4 39.6#

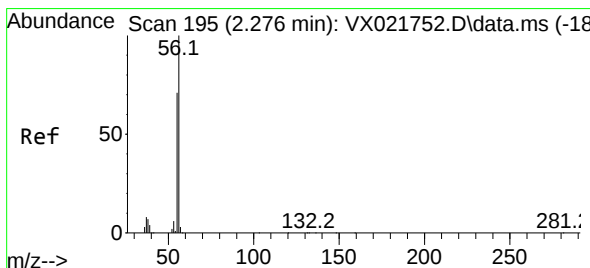
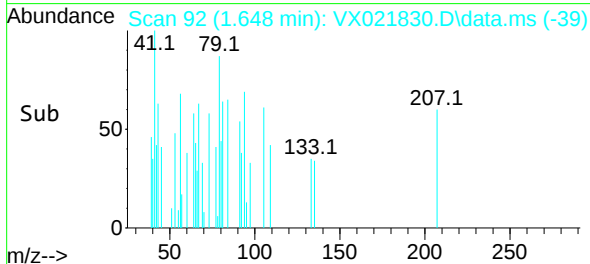
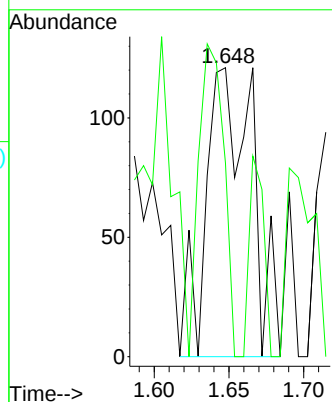
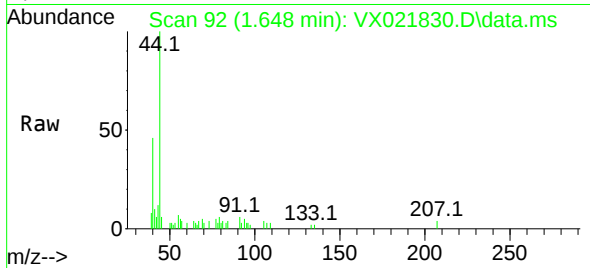




#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.025 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

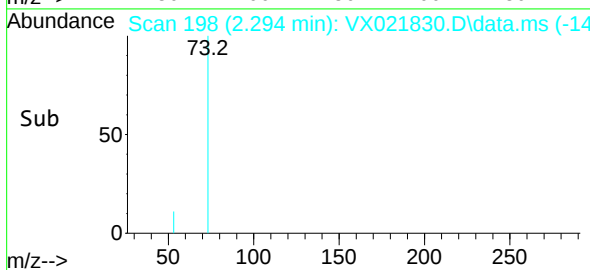
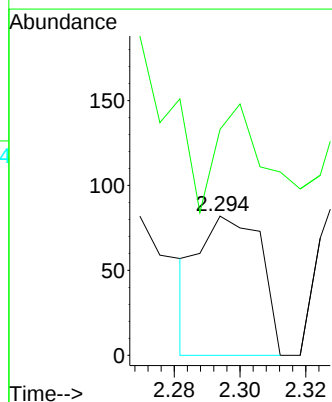
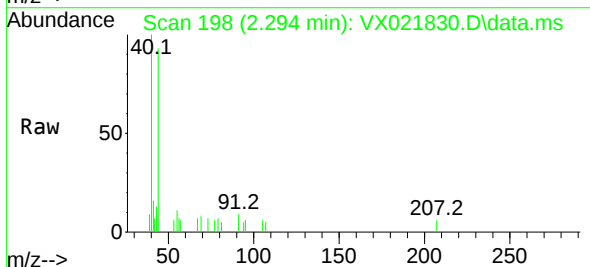
Instrument :
MSVOA_X
ClientSampled :

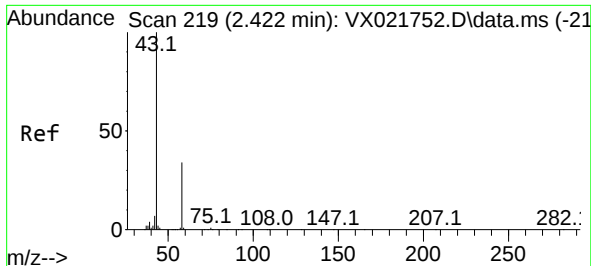
Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 66.9 76.4 114.6#



#13
Acrolein
Concen: 0.33 ug/l
RT: 2.294 min Scan# 198
Delta R.T. 0.018 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

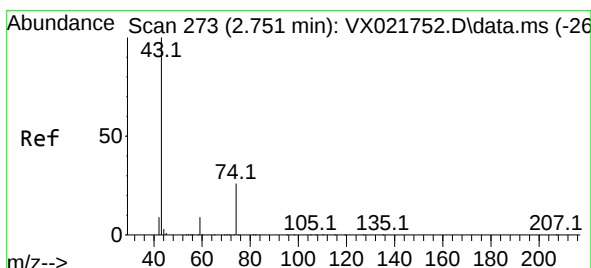
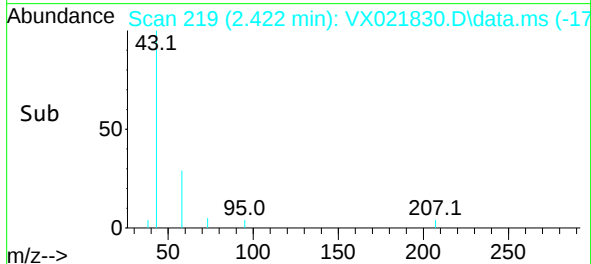
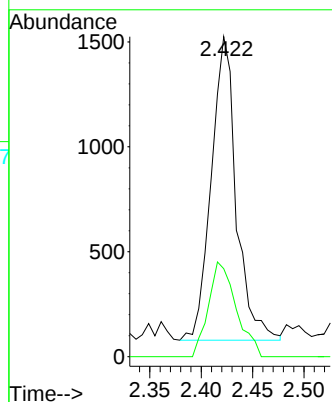
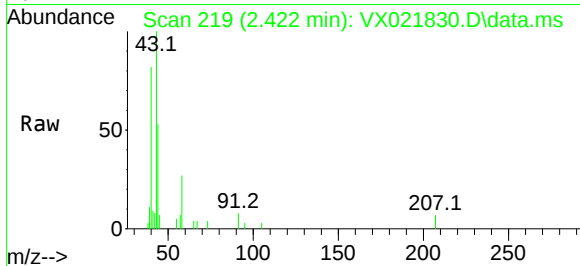




#16
Acetone
Concen: 3.98 ug/l
RT: 2.422 min Scan# 219
Delta R.T. -0.000 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

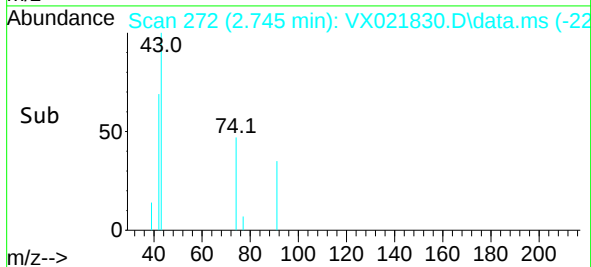
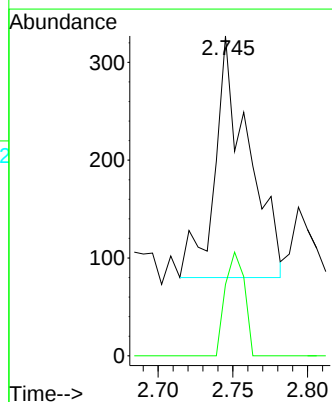
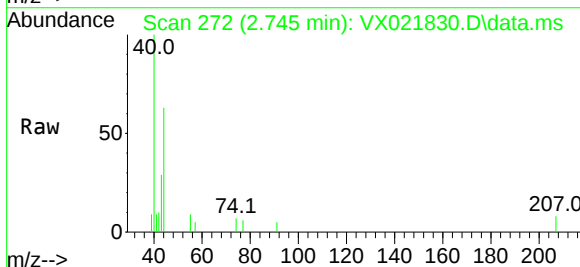
Instrument :
MSVOA_X
ClientSampled :

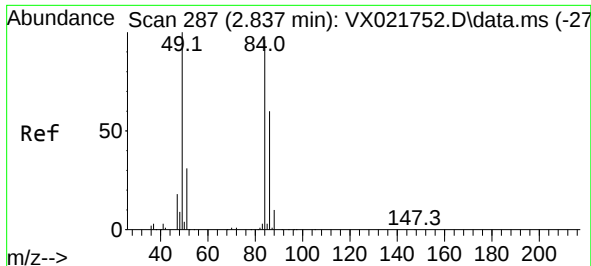
Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.745 min Scan# 272
Delta R.T. -0.006 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 24.7 21.9 32.9

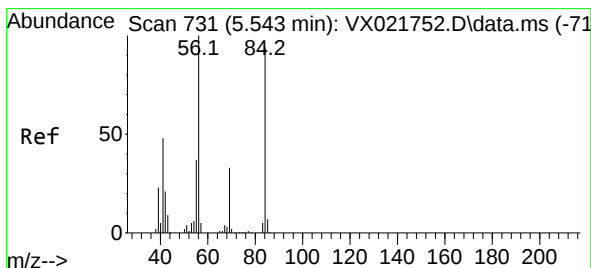
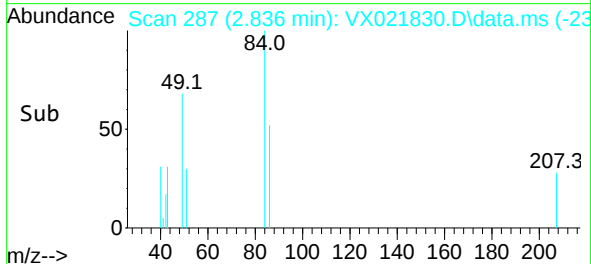
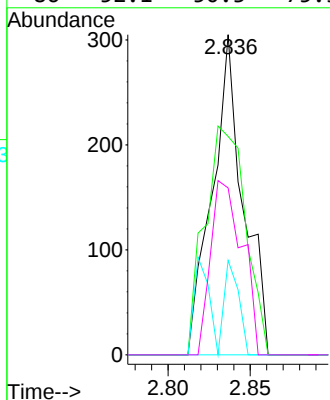
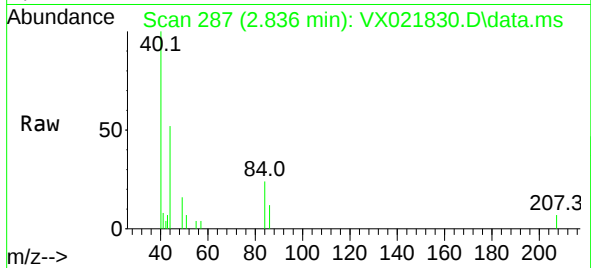




#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.836 min Scan# 287
Delta R.T. -0.001 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

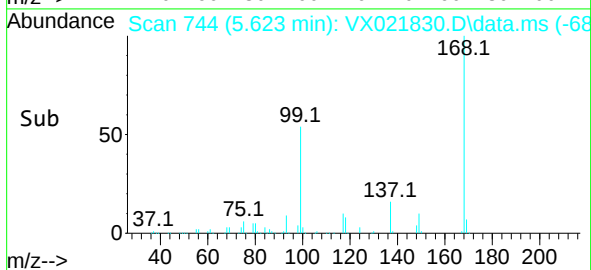
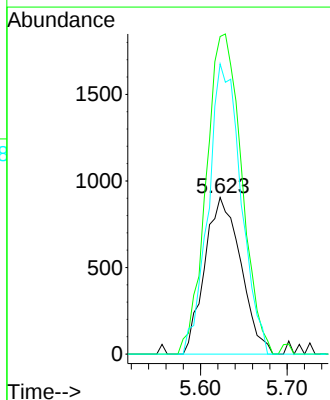
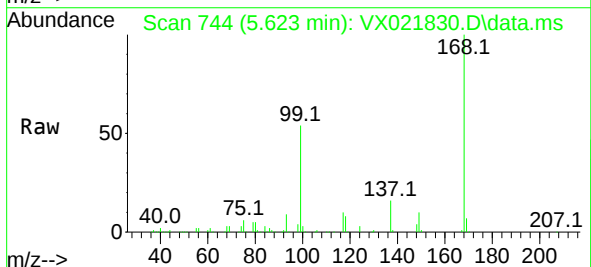
Instrument :
MSVOA_X
ClientSampleId :

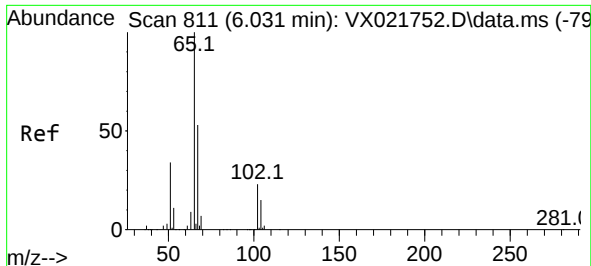
Tgt Ion:	84	Resp:	401
Ion	Ratio	Lower	Upper
84	100		
49	68.2	88.6	132.8#
51	29.5	27.0	40.6
86	52.1	50.3	75.5



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

Tgt Ion:	56	Resp:	2613
Ion	Ratio	Lower	Upper
56	100		
69	202.9	25.3	37.9#
84	185.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.11 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021830.D

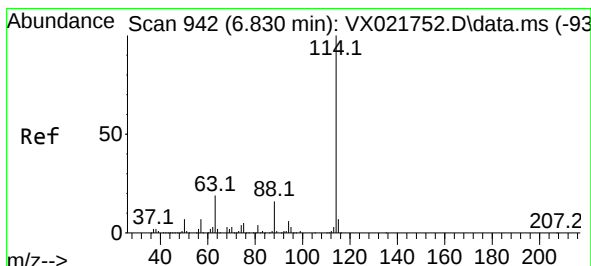
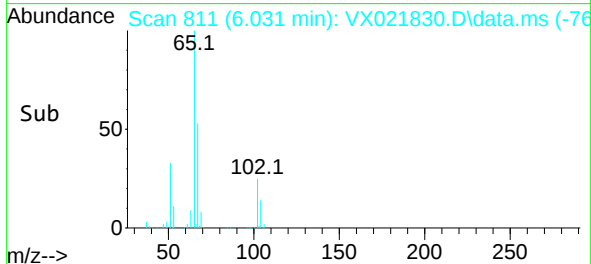
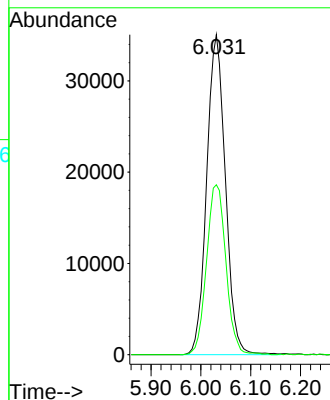
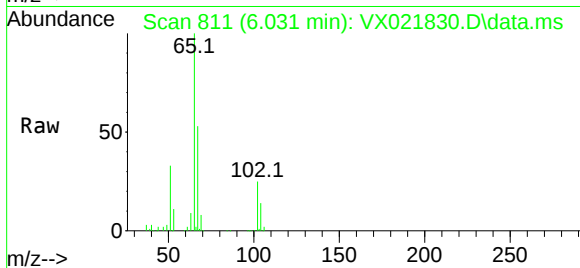
Acq: 22 Apr 2021 20:21

Tgt Ion: 65 Resp: 91403

Ion Ratio Lower Upper

65 100

67 55.1 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: VX021830.D

Acq: 22 Apr 2021 20:21

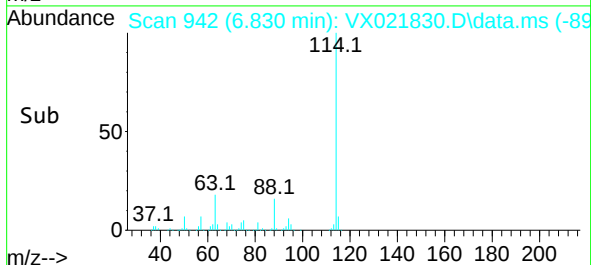
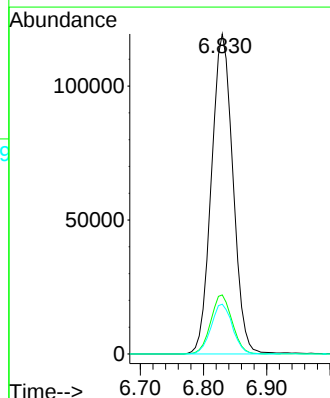
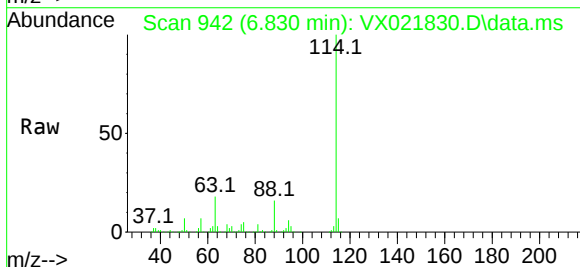
Tgt Ion: 114 Resp: 281743

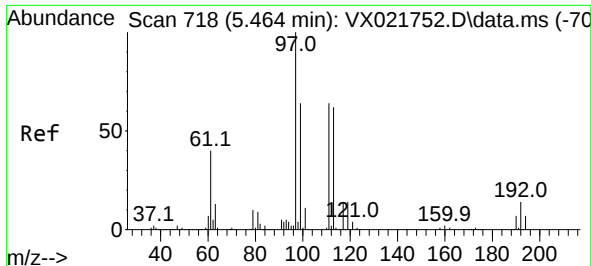
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

88 15.6 0.0 32.8

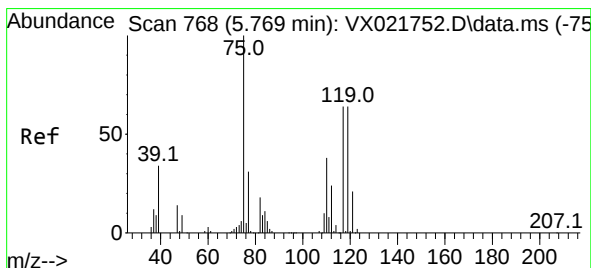
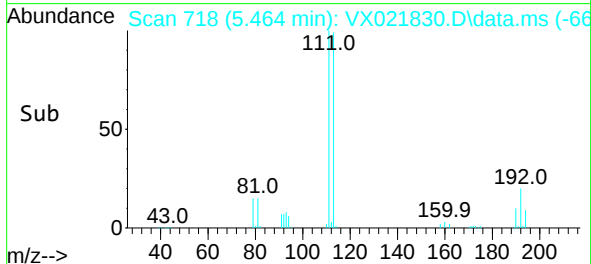
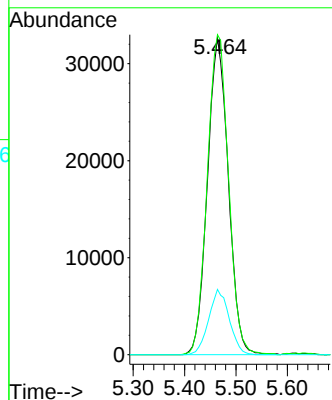
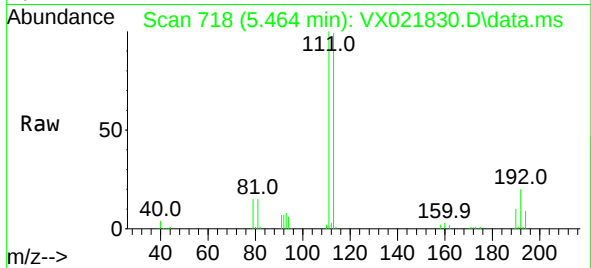




#35
Dibromofluoromethane
Concen: 51.13 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

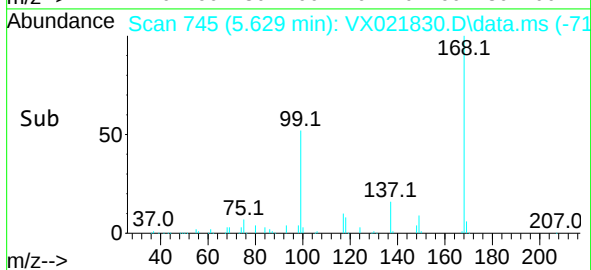
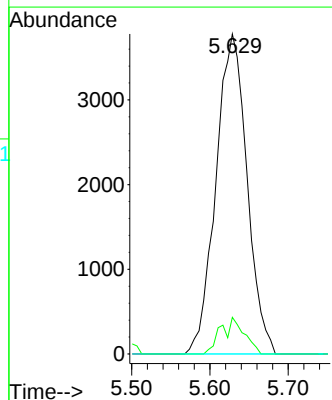
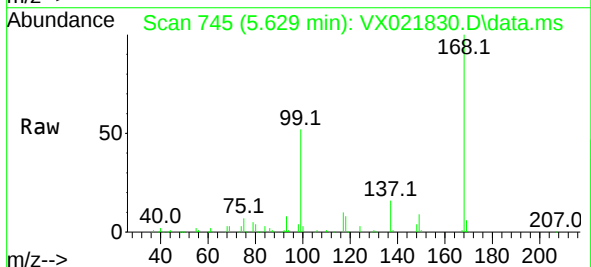
Instrument :
MSVOA_X
ClientSampleId :

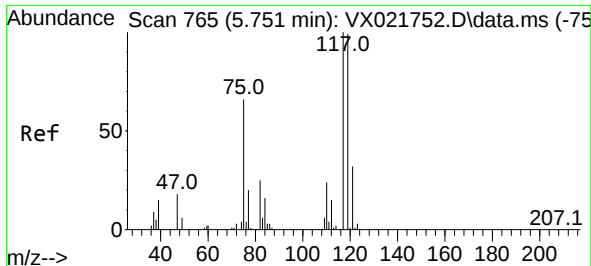
Tgt Ion:113 Resp: 92125
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

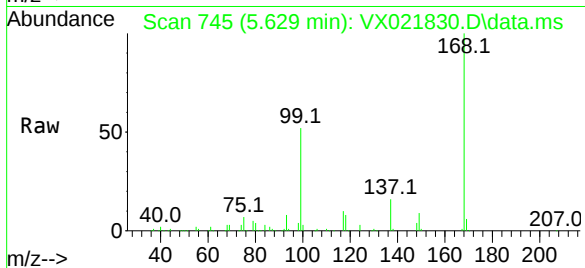
Tgt Ion: 75 Resp: 10433
Ion Ratio Lower Upper
75 100
110 5.2 18.1 54.4#
77 0.0 25.3 37.9#



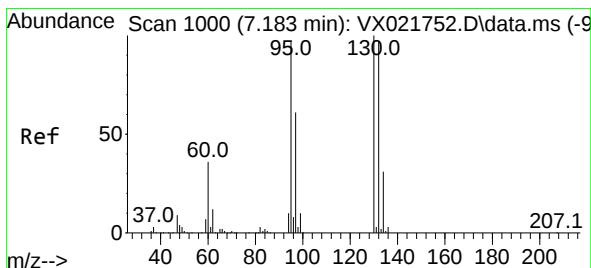
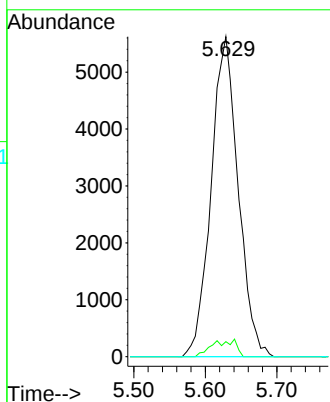
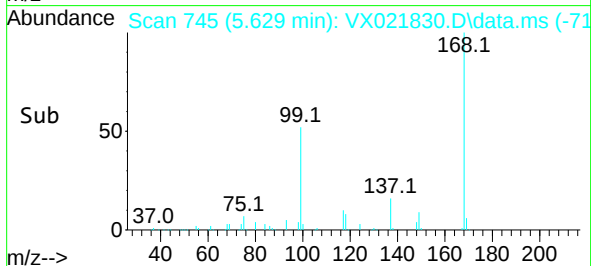


#38
Carbon Tetrachloride
Concen: 5.43 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

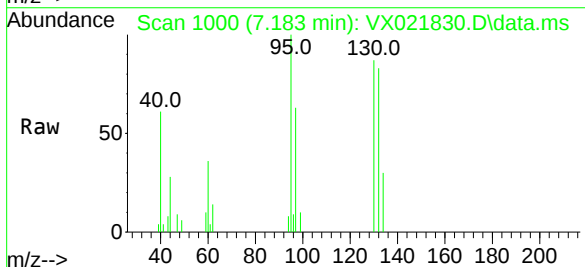
Instrument :
MSVOA_X
ClientSampleId :



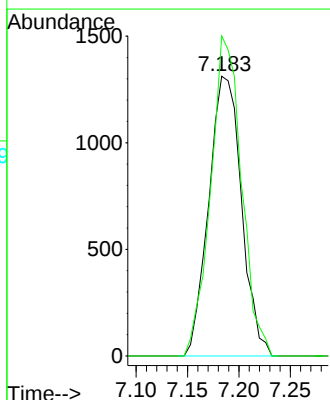
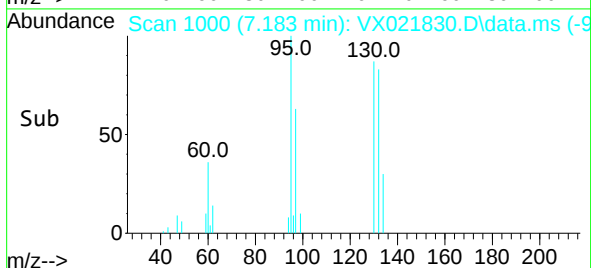
Tgt Ion:117 Resp: 14793
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

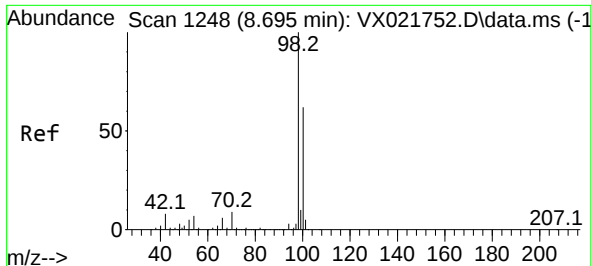


#44
Trichloroethene
Concen: 1.34 ug/l
RT: 7.183 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21



Tgt Ion:130 Resp: 2904
Ion Ratio Lower Upper
130 100
95 114.4 0.0 198.0

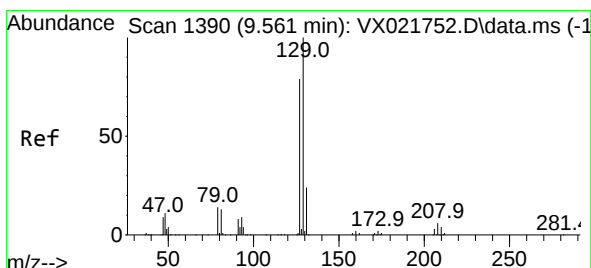
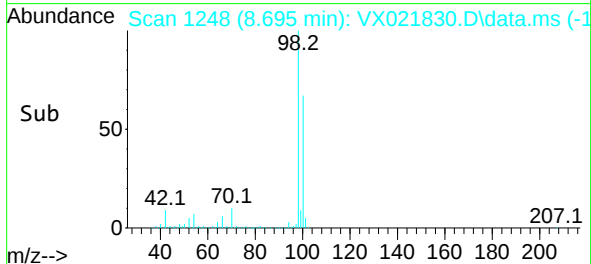
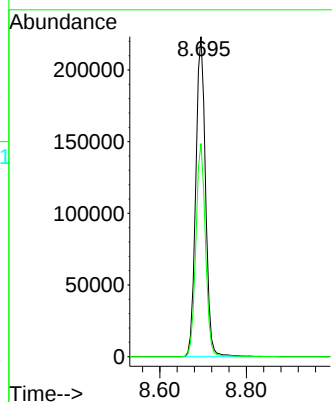
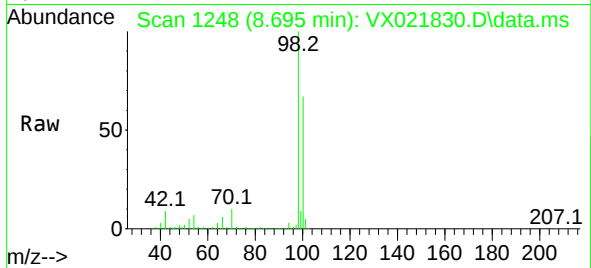




#50
Toluene-d8
Concen: 50.40 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

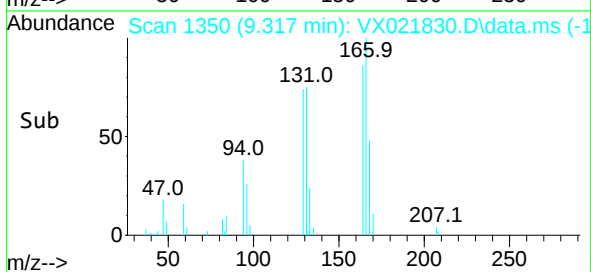
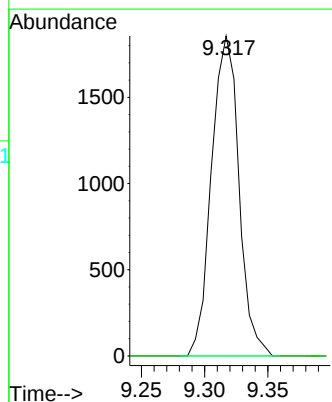
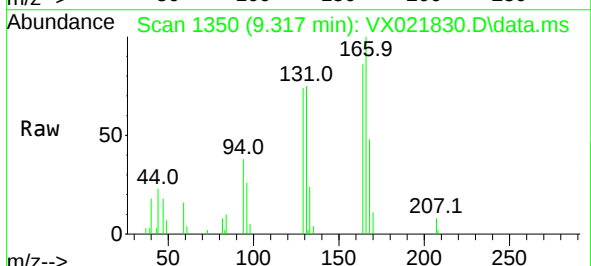
Instrument :
MSVOA_X
ClientSampled :

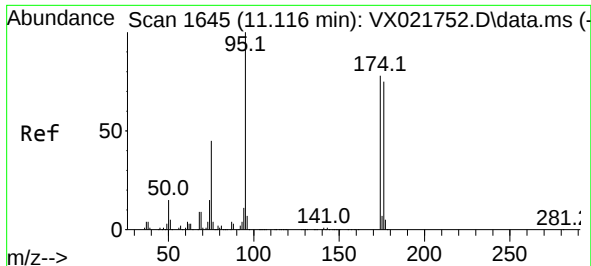
Tgt Ion: 98 Resp: 349138
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#60
Dibromochloromethane
Concen: 1.16 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

Tgt Ion: 129 Resp: 2792
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

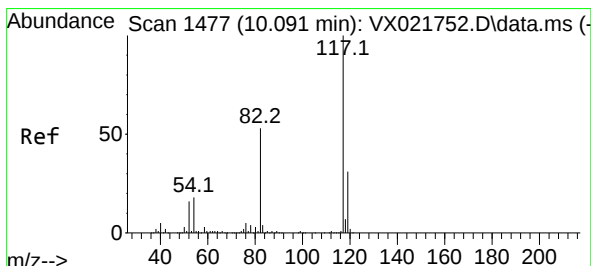
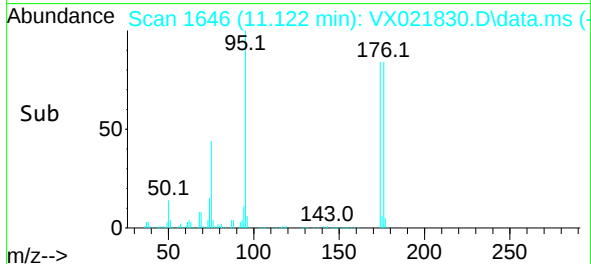
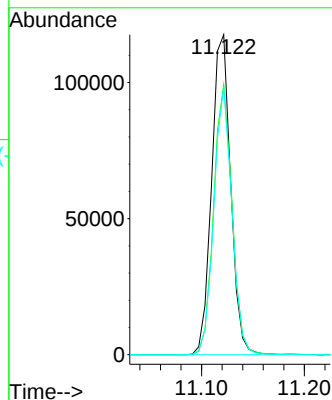
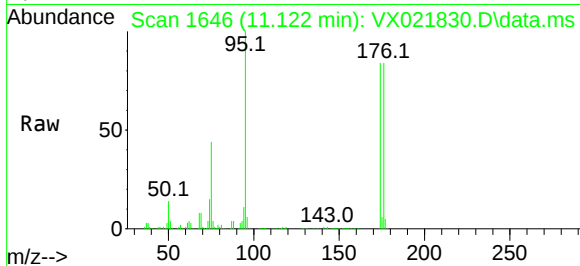




#62
4-Bromofluorobenzene
Concen: 58.20 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

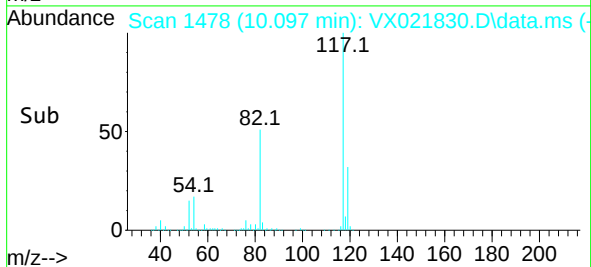
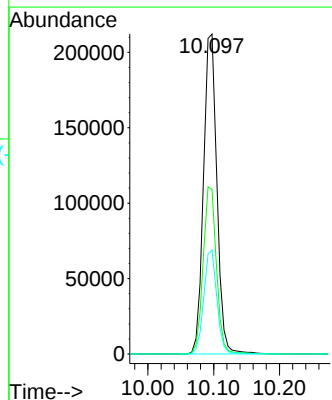
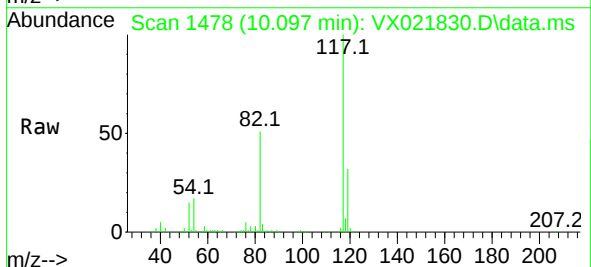
Instrument :
MSVOA_X
ClientSampleId :

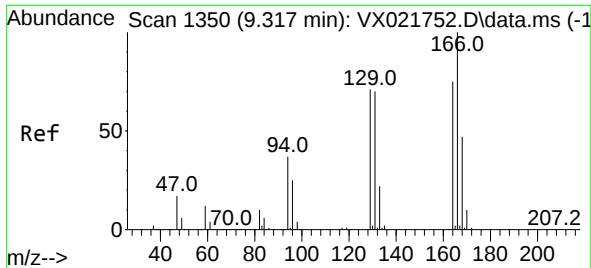
Tgt Ion: 95 Resp: 150562
Ion Ratio Lower Upper
95 100
174 81.8 0.0 154.6
176 79.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

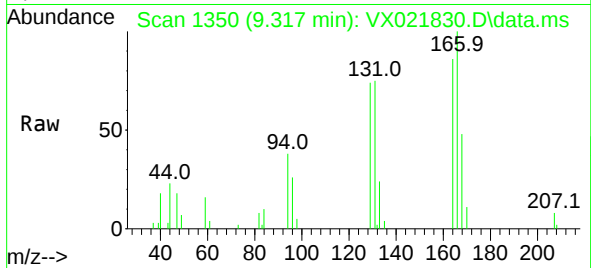
Tgt Ion: 117 Resp: 301204
Ion Ratio Lower Upper
117 100
82 51.4 47.4 71.2
119 32.5 26.6 39.8



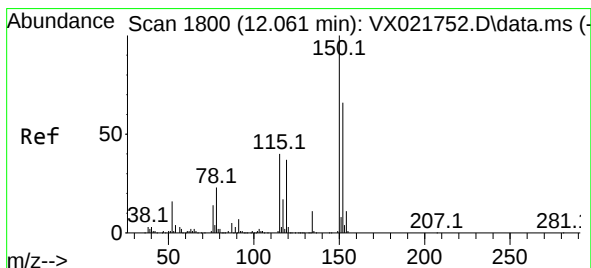
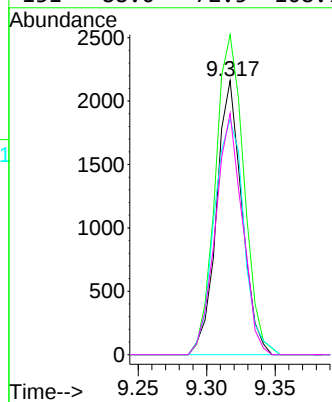
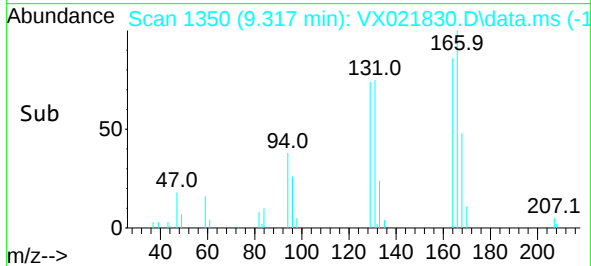


#64
Tetrachloroethene
Concen: 1.18 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

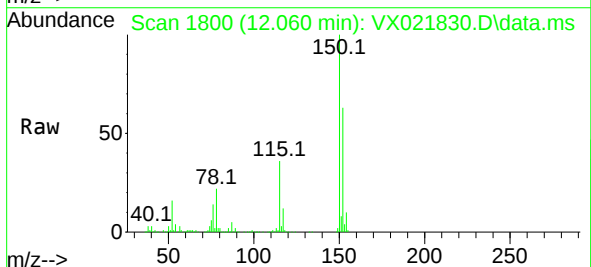
Instrument :
MSVOA_X
ClientSampled :



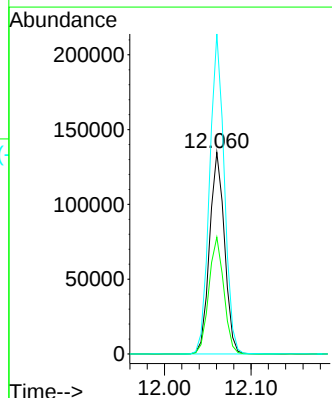
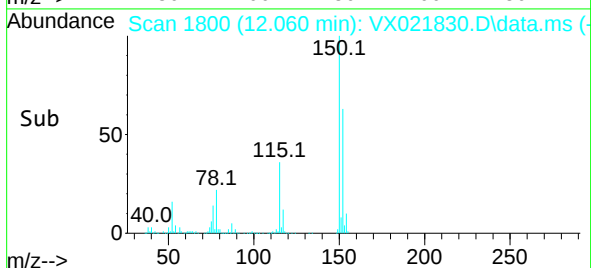
Tgt Ion:164 Resp: 2790
Ion Ratio Lower Upper
164 100
166 116.7 103.4 155.2
129 85.8 70.8 106.2
131 88.0 72.5 108.7

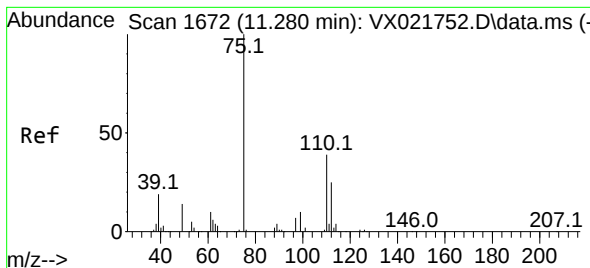


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21



Tgt Ion:152 Resp: 161200
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 156.3 0.0 349.0

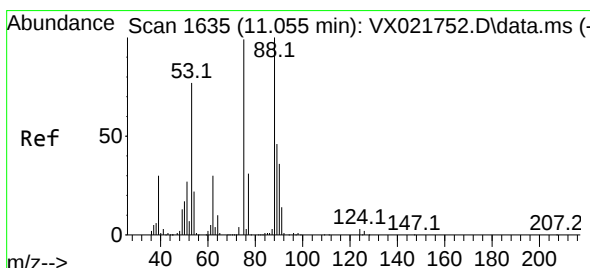
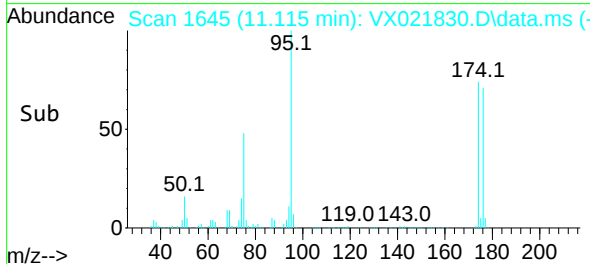
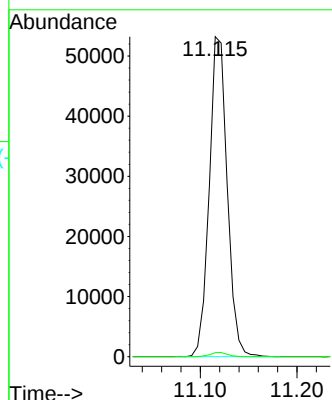
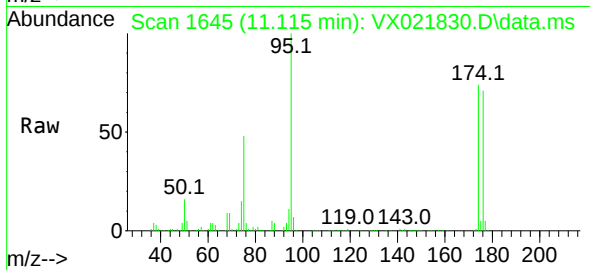




#76
1,2,3-Trichloropropane
Concen: 21.57 ug/l
RT: 11.115 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 68937
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.59 ug/l
RT: 11.115 min Scan# 1645
Delta R.T. 0.060 min
Lab File: VX021830.D
Acq: 22 Apr 2021 20:21

Tgt Ion: 75 Resp: 68937
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

