

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021829.D
 Acq On : 22 Apr 2021 19:58
 Operator : JC/MD
 Sample : M2138-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:46:27 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)

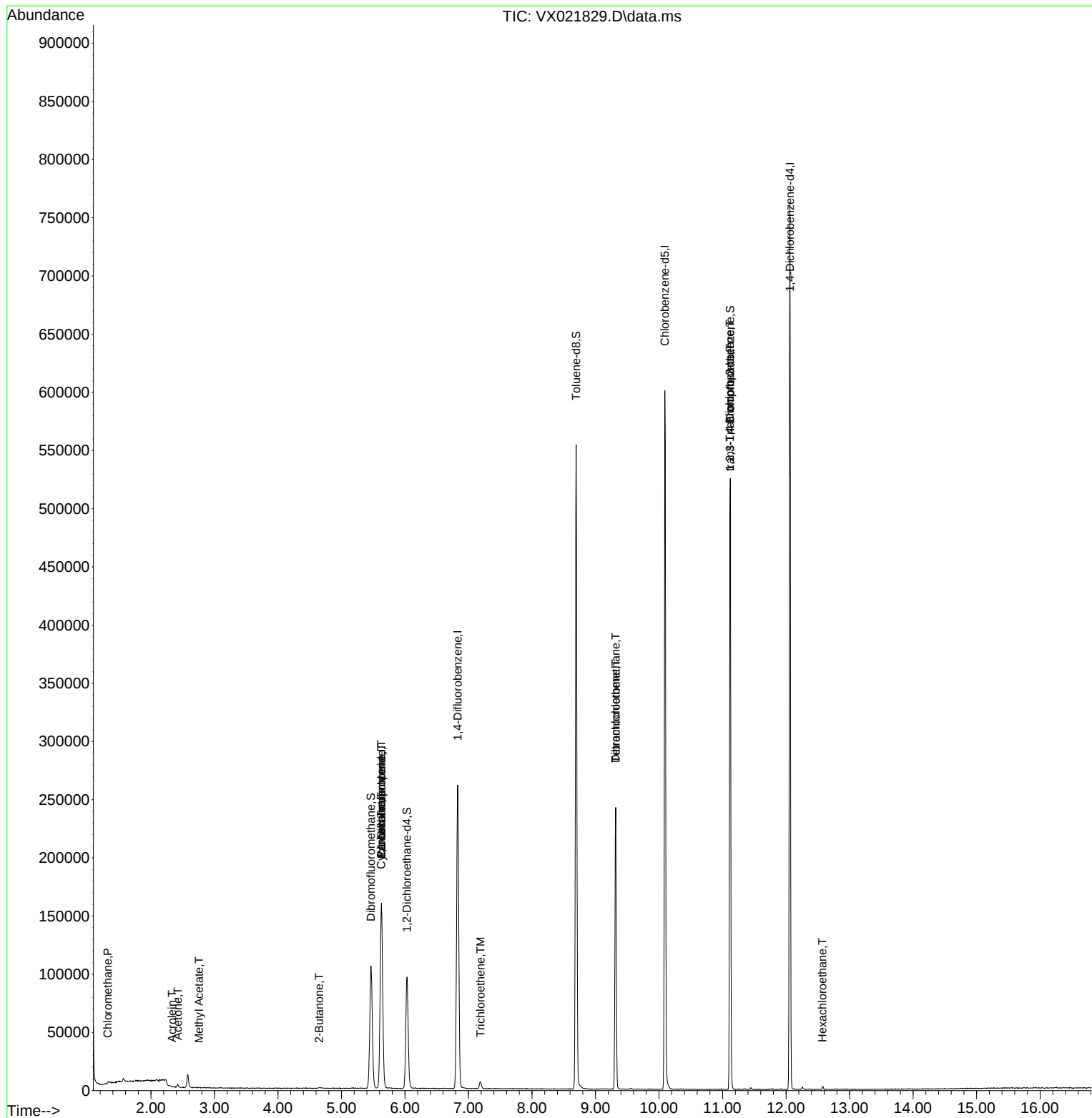
Internal Standards						
1) Pentafluorobenzene	5.629	168	158237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	284777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	301424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	91115	50.76	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.52%
35) Dibromofluoromethane	5.464	113	92237	50.65	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.30%
50) Toluene-d8	8.695	98	349441	49.90	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.80%
62) 4-Bromofluorobenzene	11.122	95	150136	57.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.82%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	815	0.71	ug/l	98
13) Acrolein	2.331	56	134	0.42	ug/l #	33
16) Acetone	2.422	43	2536	4.11	ug/l	97
18) Methyl Acetate	2.758	43	379	0.23	ug/l #	58
25) 2-Butanone	4.647	43	395	0.38	ug/l #	45
31) Cyclohexane	5.623	56	2837	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10832	4.31	ug/l #	49
38) Carbon Tetrachloride	5.629	117	14822	5.38	ug/l #	16
44) Trichloroethene	7.190	130	2726	1.25	ug/l	94
60) Dibromochloromethane	9.317	129	46871	19.33	ug/l #	11
64) Tetrachloroethene	9.317	164	47693	20.24	ug/l	94
76) 1,2,3-Trichloropropane	11.116	75	68127	21.26	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.116	75	68127	48.88	ug/l #	12
90) Hexachloroethane	12.573	117	539	0.28	ug/l	83

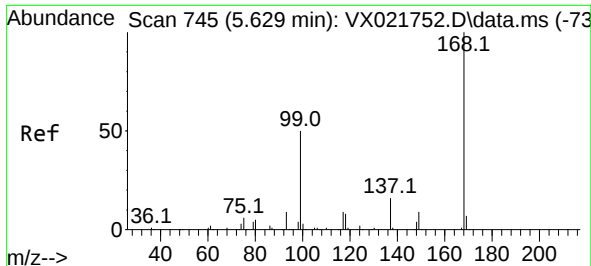
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
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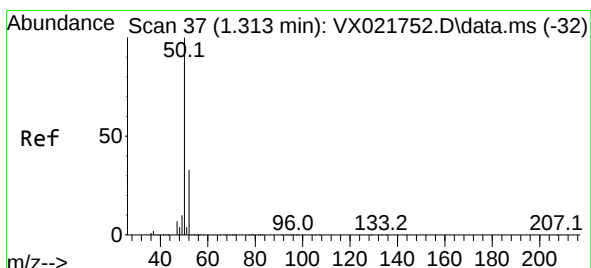
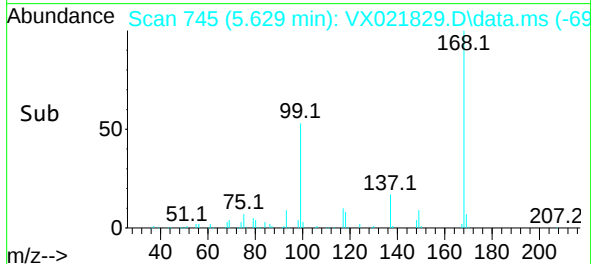
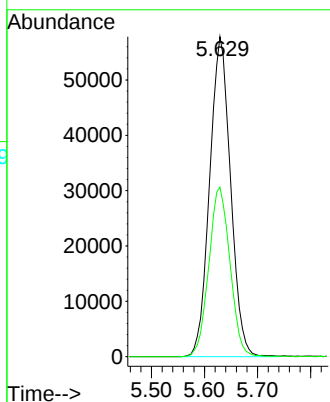
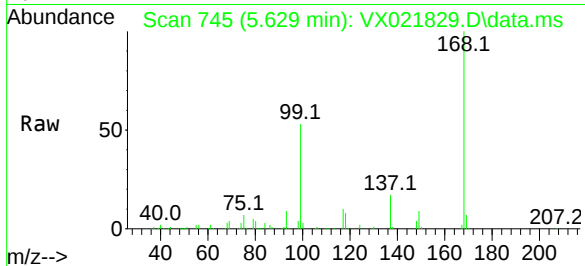




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

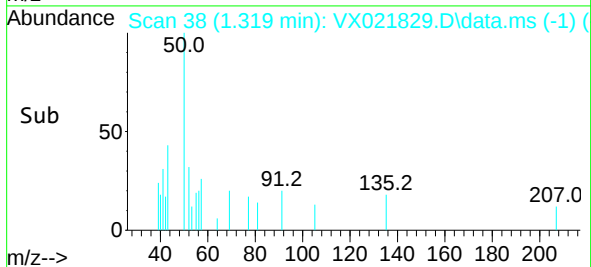
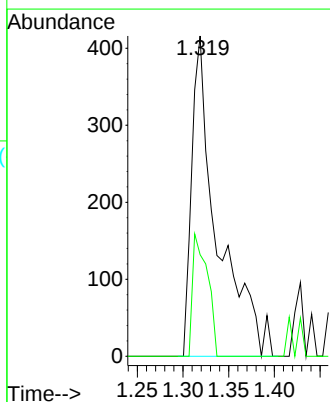
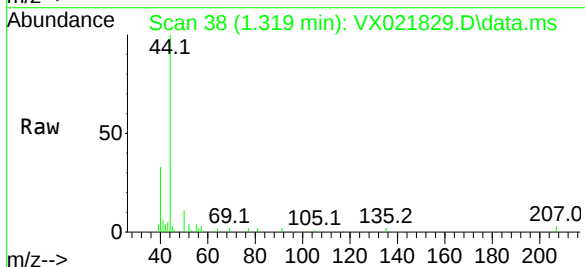
Instrument :
MSVOA_X
ClientSampleId :

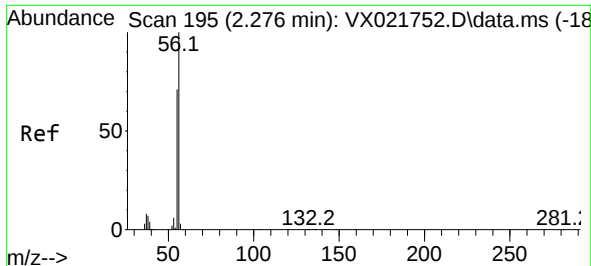
Tgt Ion:168 Resp: 158237
Ion Ratio Lower Upper
168 100
99 53.0 45.8 68.6



#3
Chloromethane
Concen: 0.71 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

Tgt Ion: 50 Resp: 815
Ion Ratio Lower Upper
50 100
52 31.7 26.4 39.6

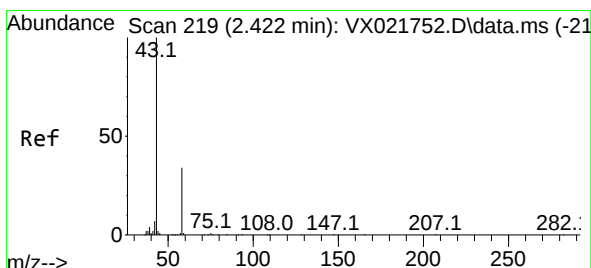
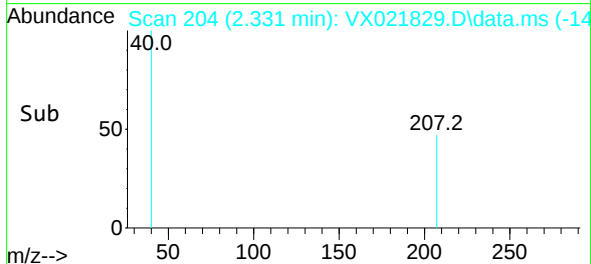
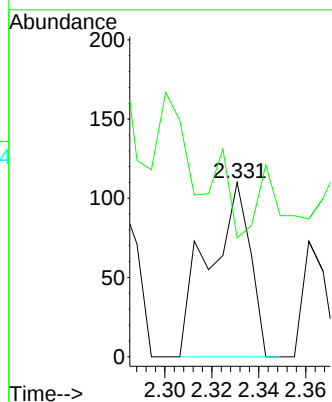
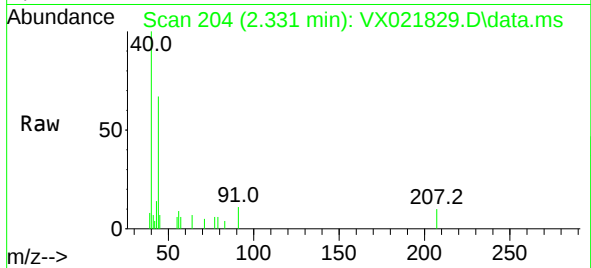




#13
Acrolein
Concen: 0.42 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.055 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

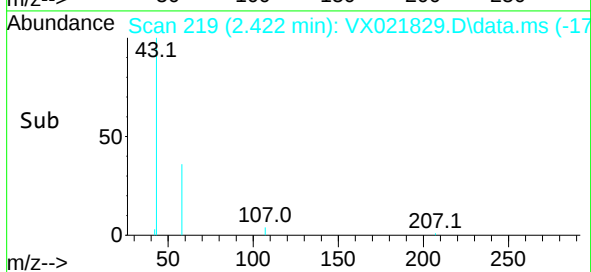
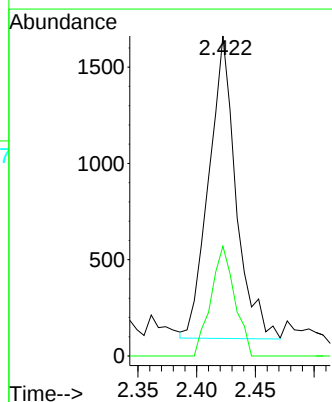
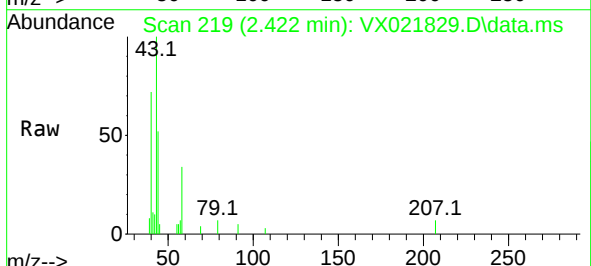
Instrument :
MSVOA_X
ClientSampleId :

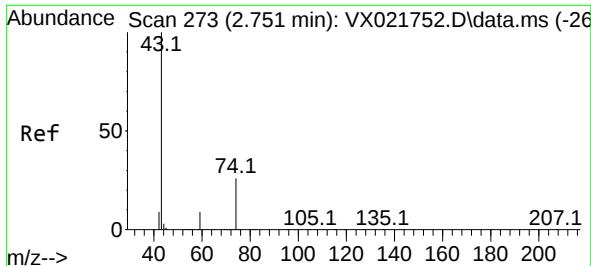
Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 14.9 56.4 84.6#



#16
Acetone
Concen: 4.11 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8





#18

Methyl Acetate

Concen: 0.23 ug/l

RT: 2.758 min Scan# 274

Delta R.T. 0.007 min

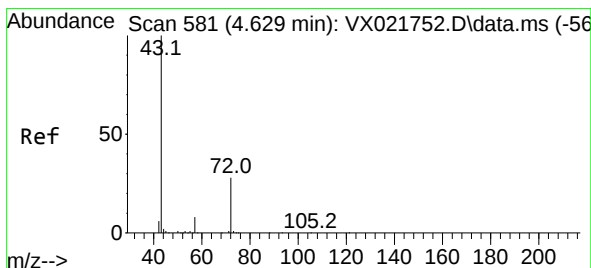
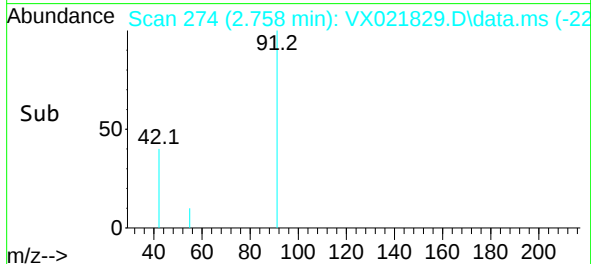
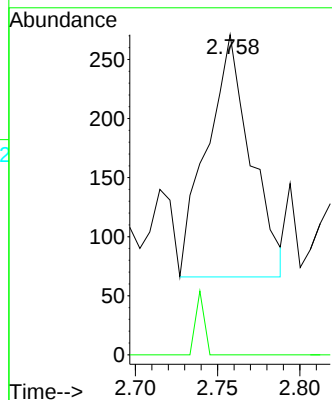
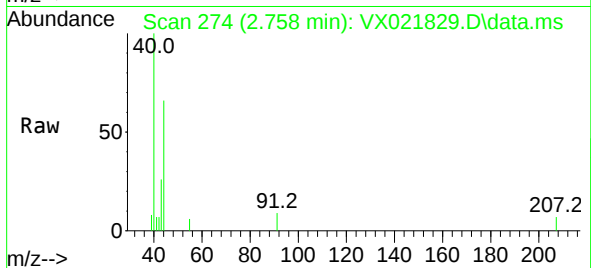
Lab File: VX021829.D

Acq: 22 Apr 2021 19:58

Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100
74 5.3 21.9 32.9#



#25

2-Butanone

Concen: 0.38 ug/l

RT: 4.647 min Scan# 584

Delta R.T. 0.018 min

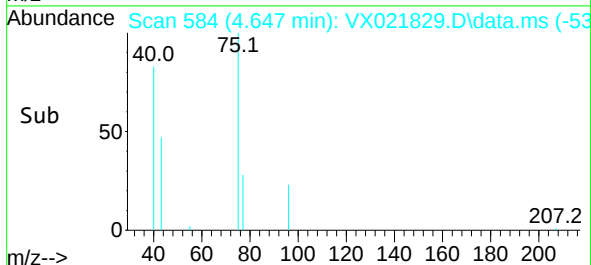
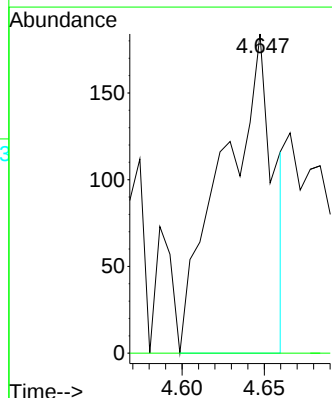
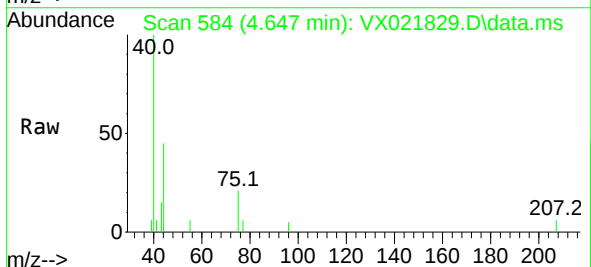
Lab File: VX021829.D

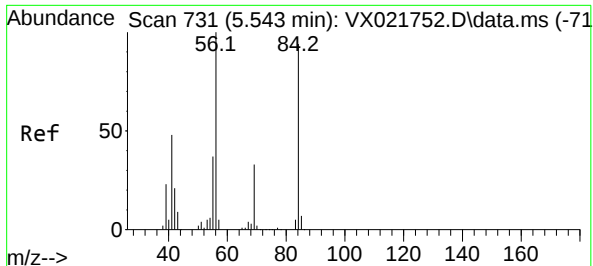
Acq: 22 Apr 2021 19:58

Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

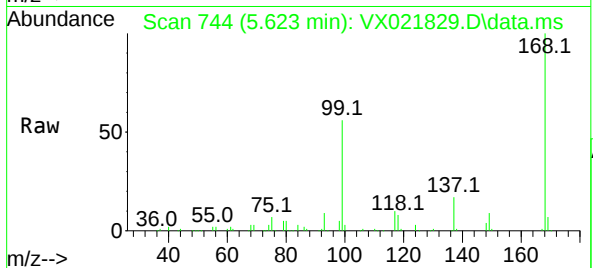
43 100
72 0.0 23.7 35.5#



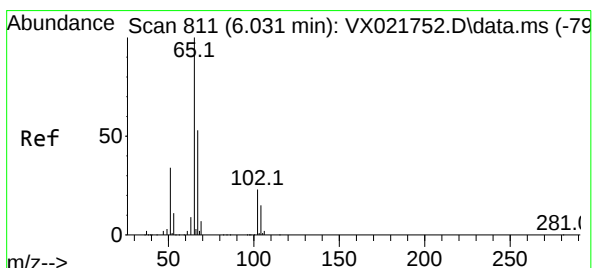
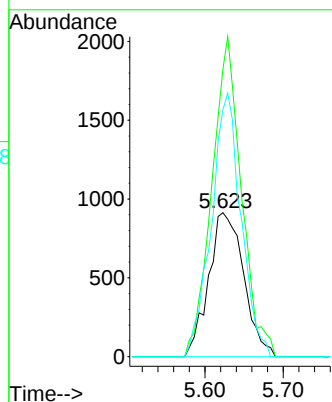
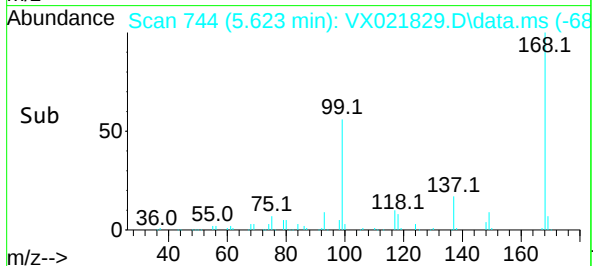


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

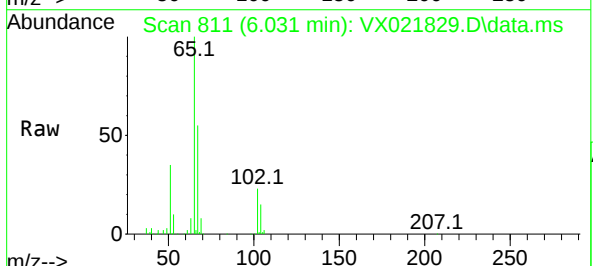
Instrument :
MSVOA_X
ClientSampled :



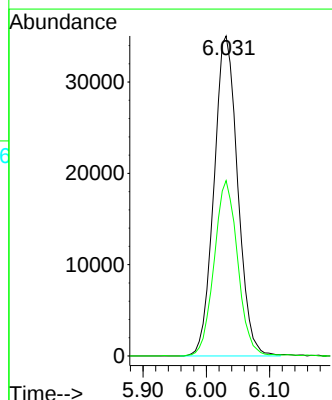
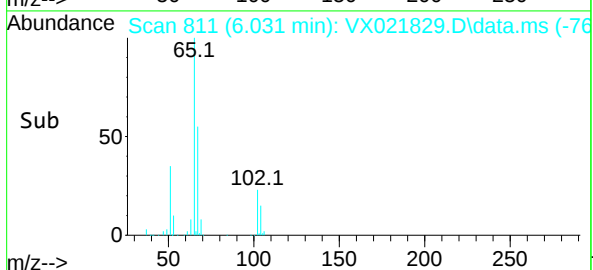
Tgt Ion: 56 Resp: 2837
Ion Ratio Lower Upper
56 100
69 199.8 25.3 37.9#
84 171.5 71.4 107.0#

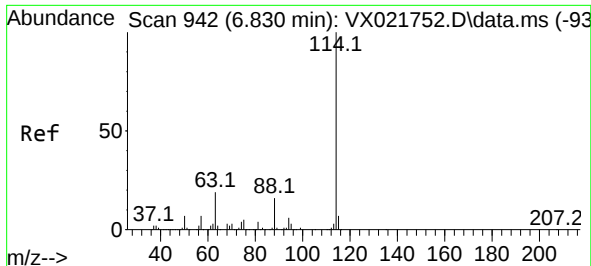


#33
1,2-Dichloroethane-d4
Concen: 50.76 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58



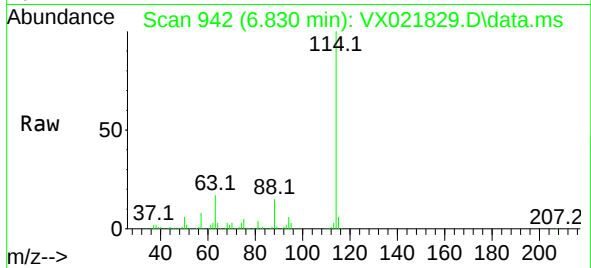
Tgt Ion: 65 Resp: 91115
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4



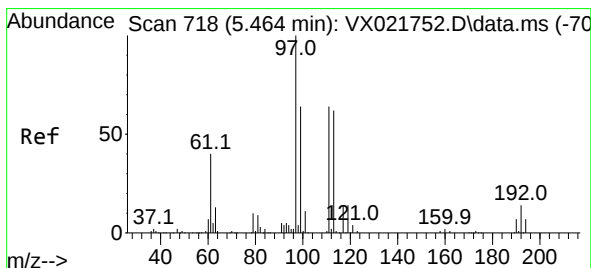
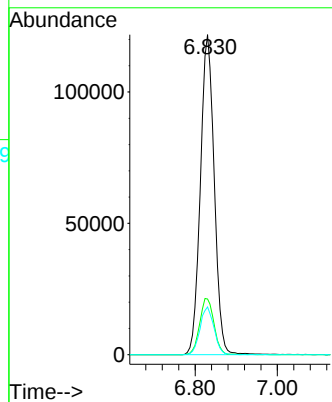
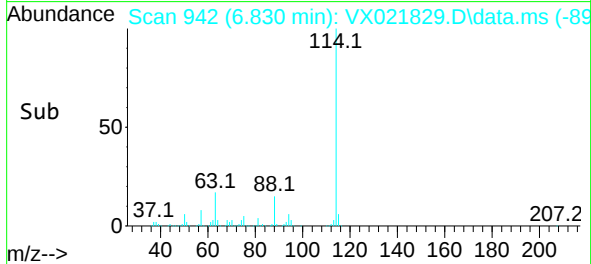


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

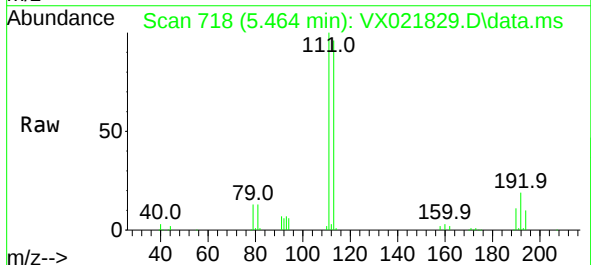
Instrument :
MSVOA_X
ClientSampleId :



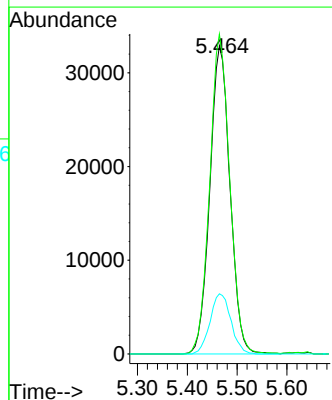
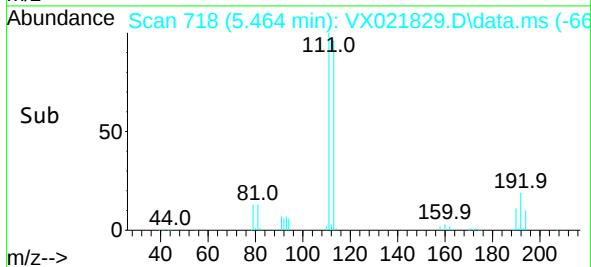
Tgt Ion:114 Resp: 284777
Ion Ratio Lower Upper
114 100
63 17.4 0.0 40.8
88 14.9 0.0 32.8

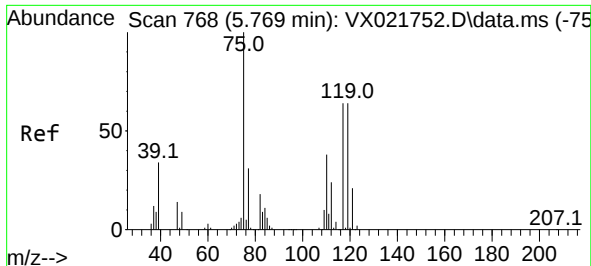


#35
Dibromofluoromethane
Concen: 50.65 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58



Tgt Ion:113 Resp: 92237
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.2 16.7 25.1

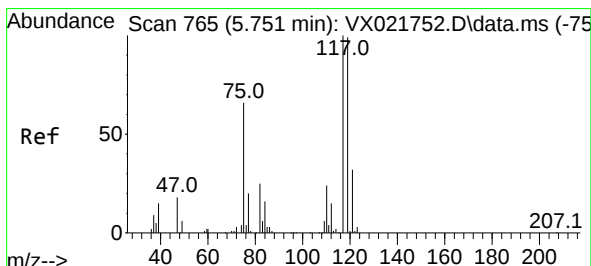
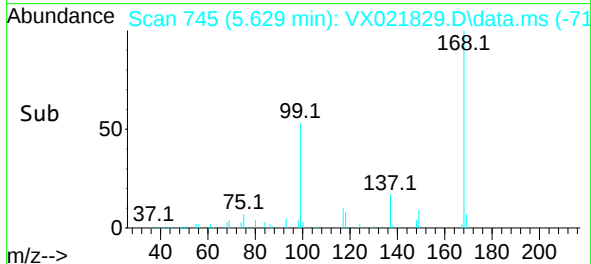
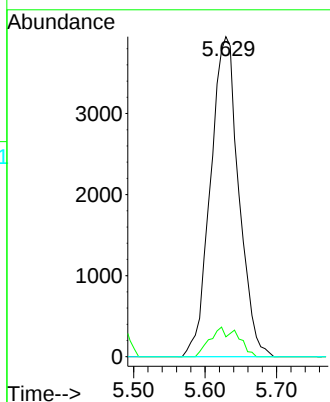
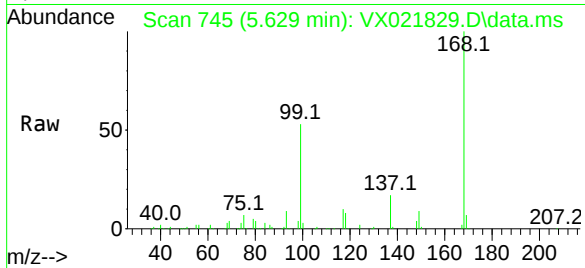




#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

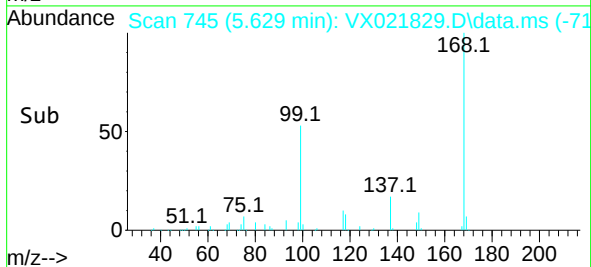
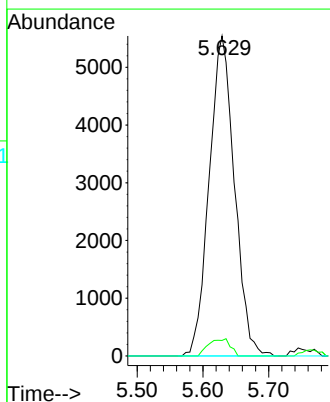
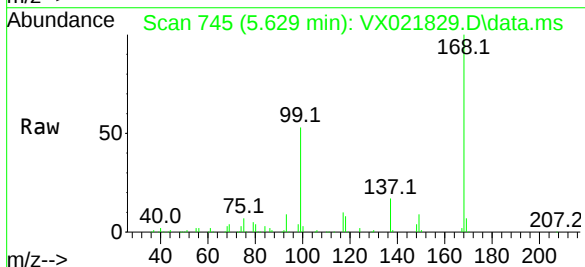
Instrument :
MSVOA_X
ClientSampleId :

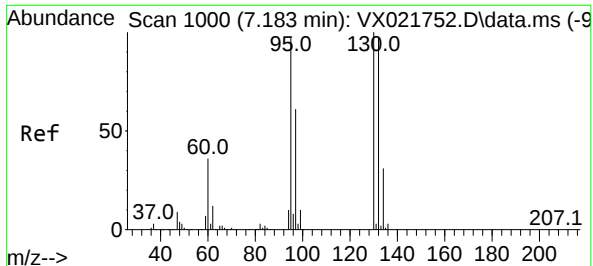
Tgt Ion: 75 Resp: 10832
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

Tgt Ion: 117 Resp: 14822
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

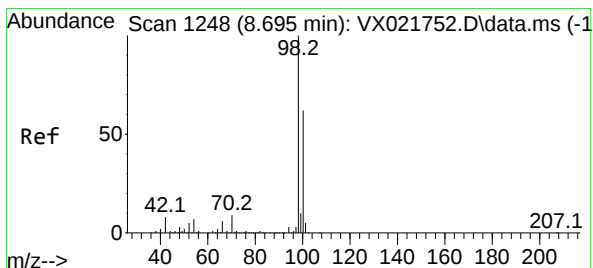
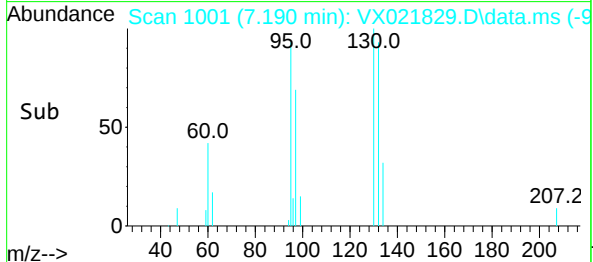
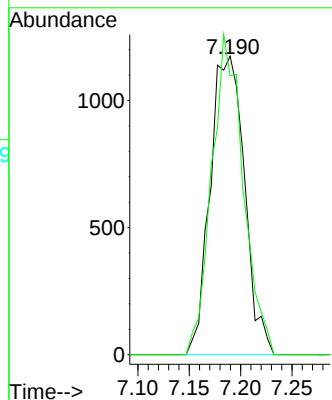
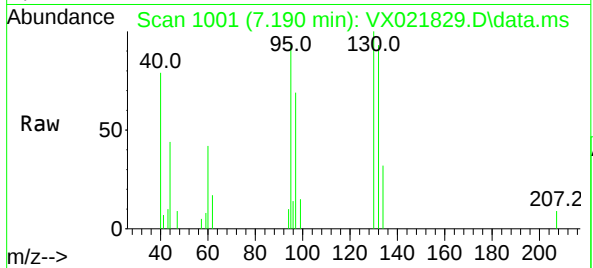




#44
Trichloroethene
Concen: 1.25 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

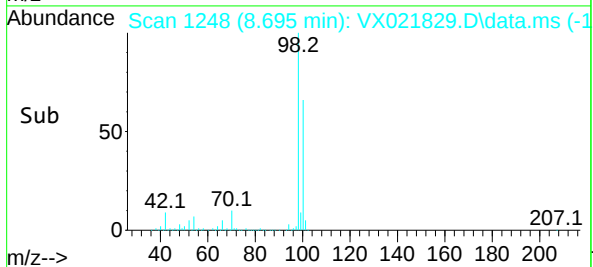
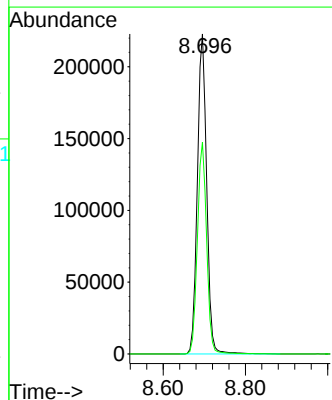
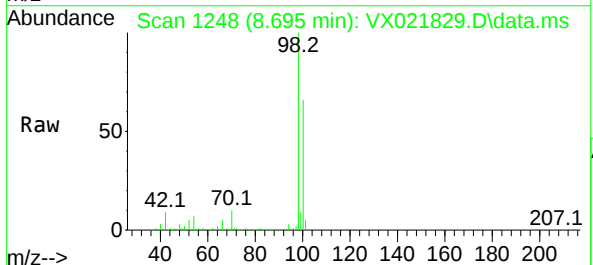
Instrument :
MSVOA_X
ClientSampled :

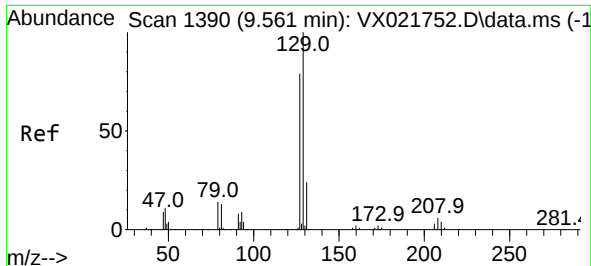
Tgt Ion:130 Resp: 2726
Ion Ratio Lower Upper
130 100
95 93.4 0.0 198.0



#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

Tgt Ion: 98 Resp: 349441
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

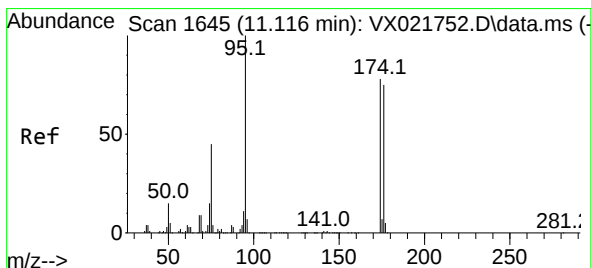
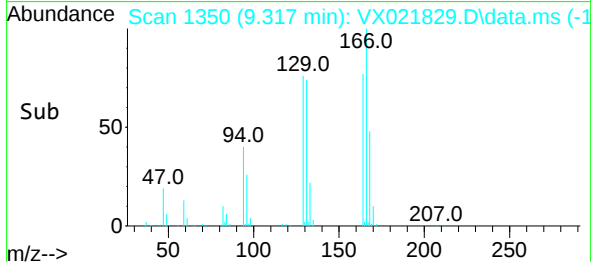
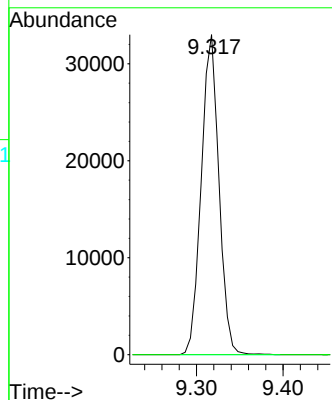
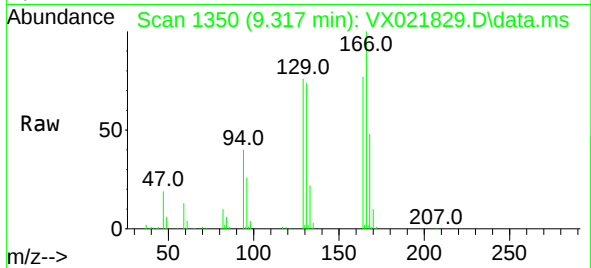




#60
Dibromochloromethane
Concen: 19.33 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

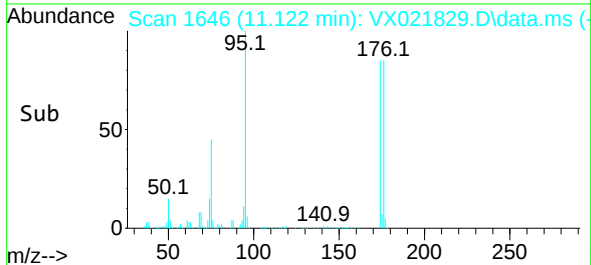
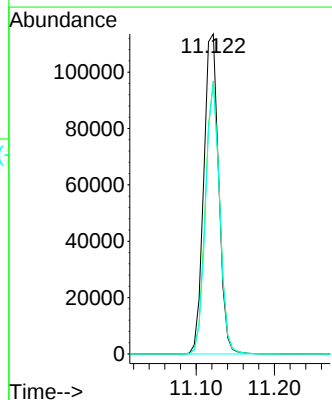
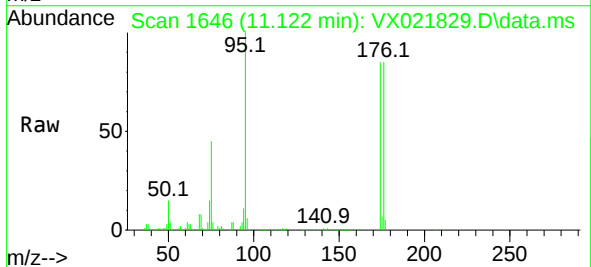
Instrument :
MSVOA_X
ClientSampleId :

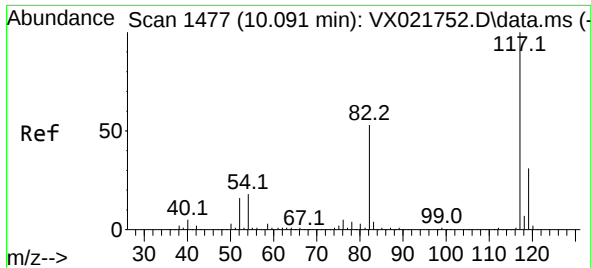
Tgt Ion:129 Resp: 46871
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 57.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

Tgt Ion: 95 Resp: 150136
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 80.3 0.0 155.8

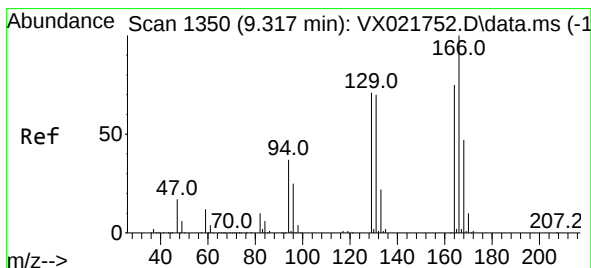
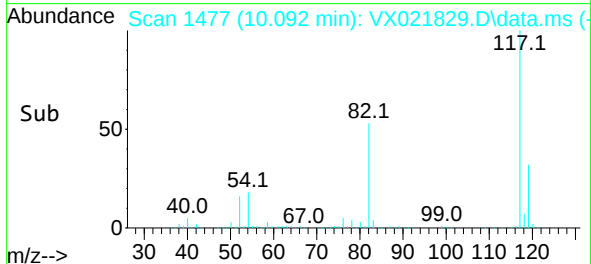
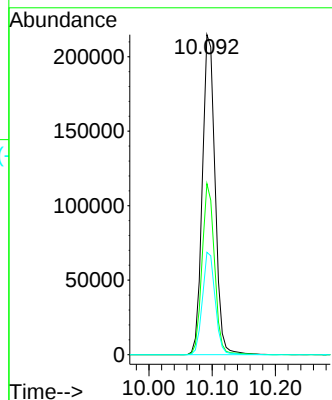
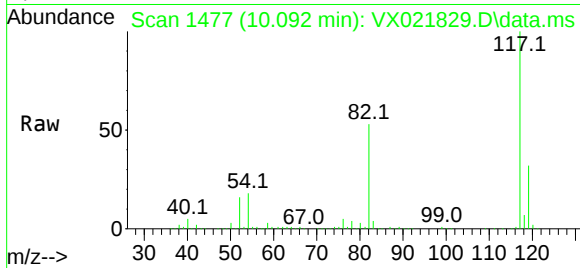




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

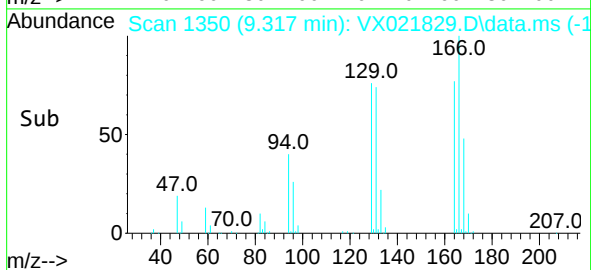
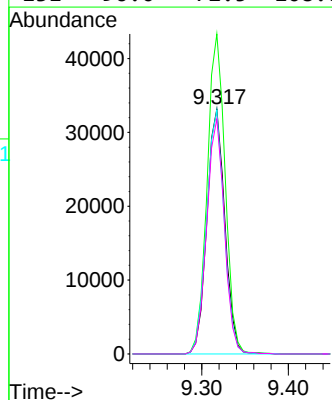
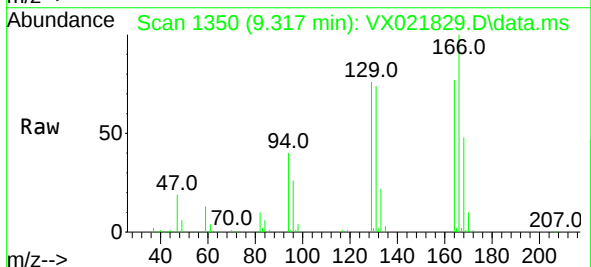
Instrument :
MSVOA_X
ClientSampleId :

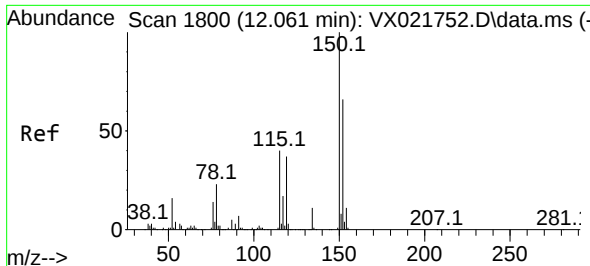
Tgt Ion:117 Resp: 301424
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 20.24 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

Tgt Ion:164 Resp: 47693
Ion Ratio Lower Upper
164 100
166 130.7 103.4 155.2
129 99.5 70.8 106.2
131 96.0 72.5 108.7

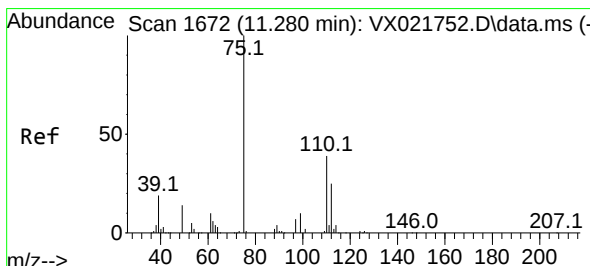
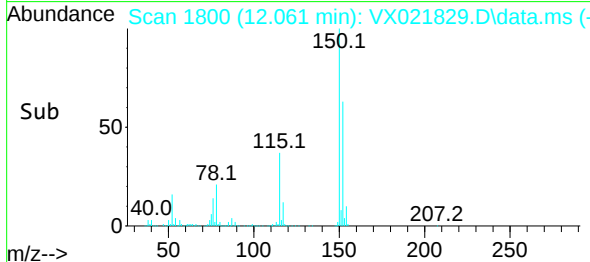
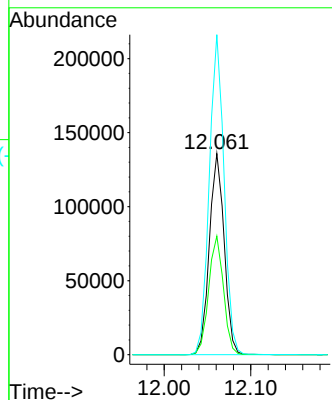
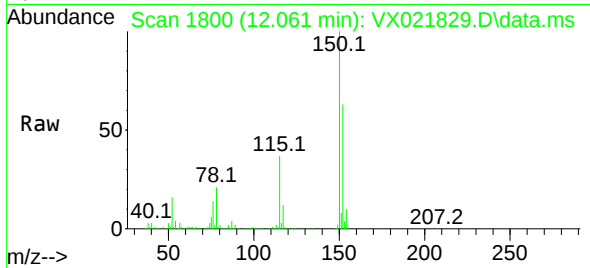




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021829.D
 Acq: 22 Apr 2021 19:58

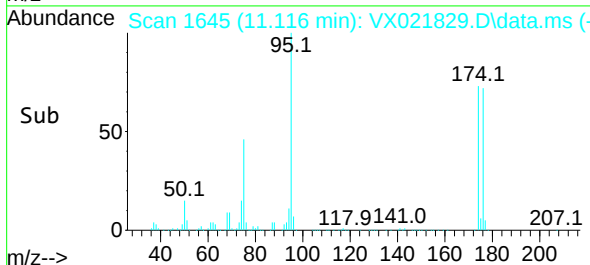
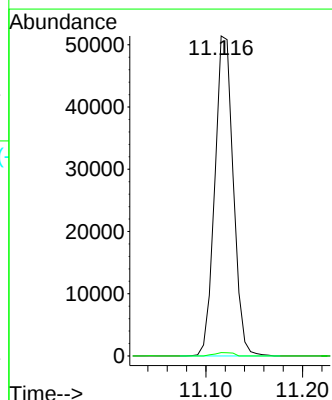
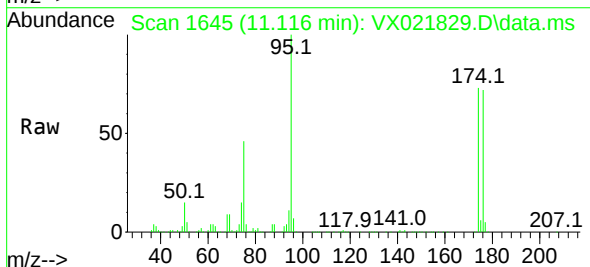
Instrument :
 MSVOA_X
 ClientSampleId :

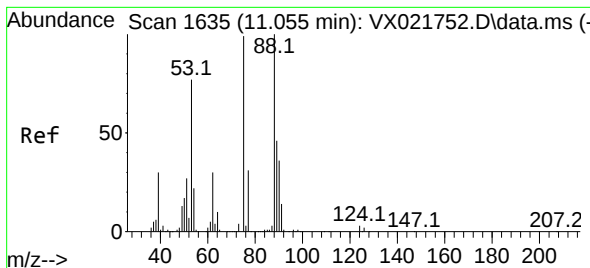
Tgt Ion:152 Resp: 161608
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 158.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.26 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021829.D
 Acq: 22 Apr 2021 19:58

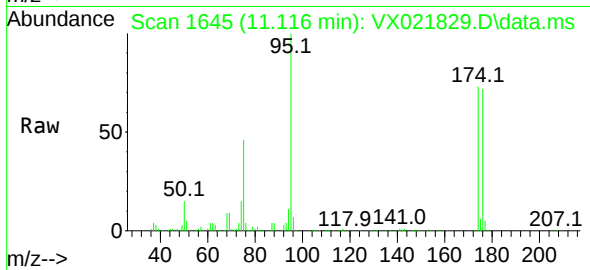
Tgt Ion: 75 Resp: 68127
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#



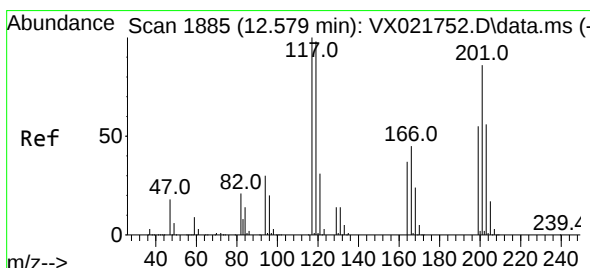
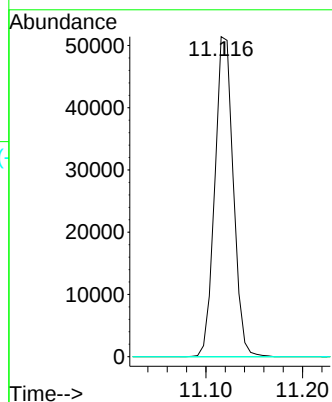
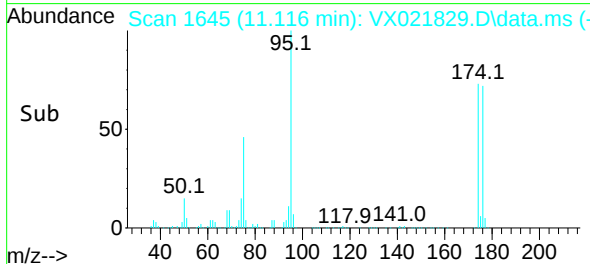


#81
trans-1,4-Dichloro-2-butene
Concen: 48.88 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58

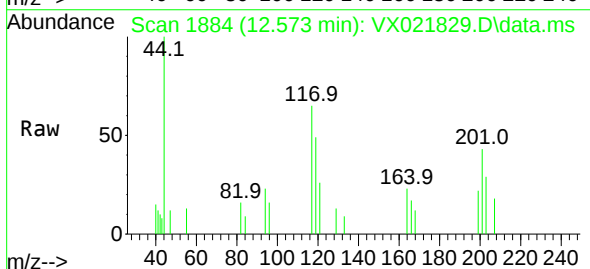
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 68127
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 0.28 ug/l
RT: 12.573 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VX021829.D
Acq: 22 Apr 2021 19:58



Tgt Ion: 117 Resp: 539
Ion Ratio Lower Upper
117 100
201 65.5 40.4 121.2

