

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021792.D
 Acq On : 21 Apr 2021 15:04
 Operator : JC/MD
 Sample : M2122-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 22 08:58:00 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)

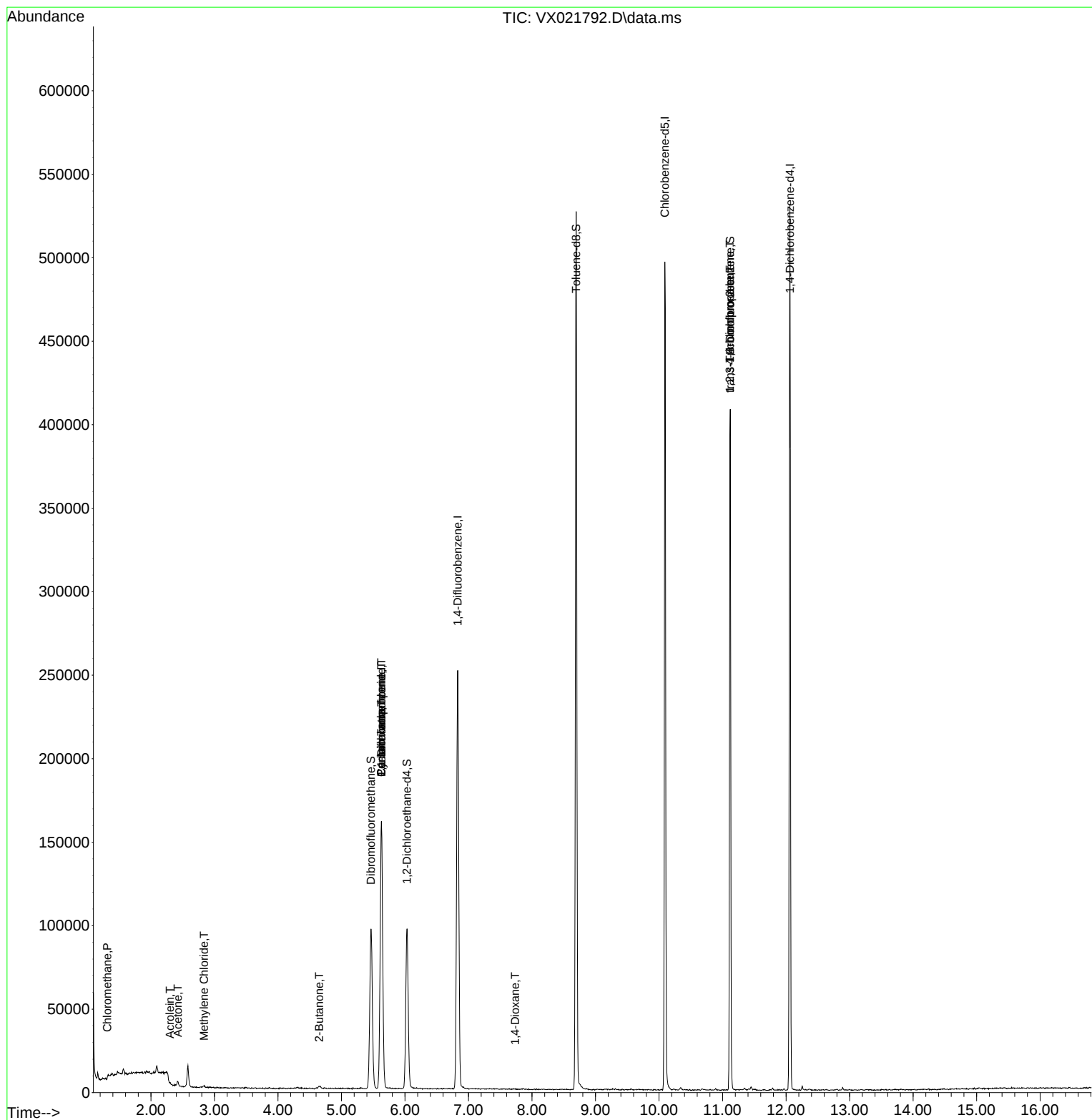
Internal Standards						
1) Pentafluorobenzene	5.629	168	158219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	271057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	246653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	116182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	91732	51.11	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.22%	
35) Dibromofluoromethane	5.464	113	84971	49.02	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.04%	
50) Toluene-d8	8.695	98	327307	49.11	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.22%	
62) 4-Bromofluorobenzene	11.122	95	118024	47.42	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.84%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	1527	1.06	ug/l #	82
13) Acrolein	2.300	56	114	0.36	ug/l #	14
16) Acetone	2.422	43	3313	5.37	ug/l	90
20) Methylene Chloride	2.837	84	526	0.28	ug/l #	81
25) 2-Butanone	4.647	43	304	0.29	ug/l #	45
31) Cyclohexane	5.629	56	2806	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10896	4.55	ug/l #	49
38) Carbon Tetrachloride	5.629	117	15013	5.73	ug/l #	16
49) 1,4-Dioxane	7.732	88	45	1.00	ug/l #	23
76) 1,2,3-Trichloropropane	11.116	75	53611	23.27	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	53611	53.51	ug/l #	12

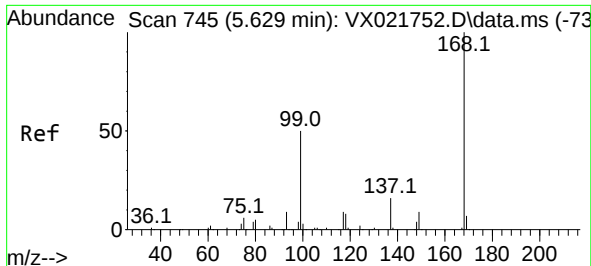
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 22 08:58:00 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

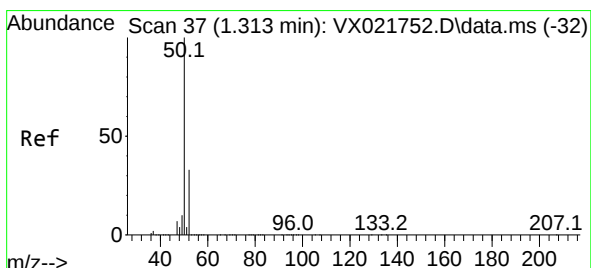
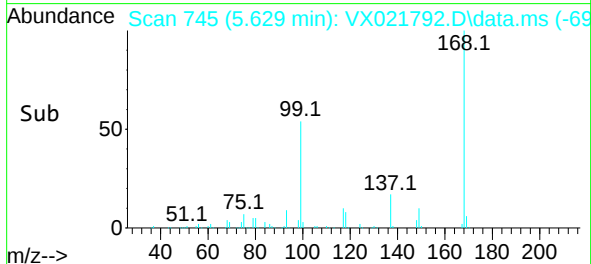
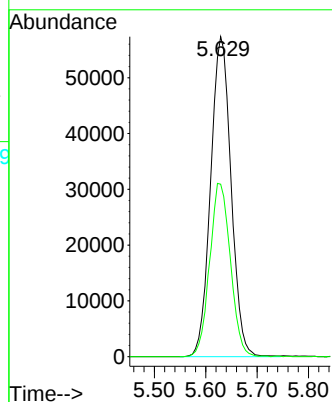
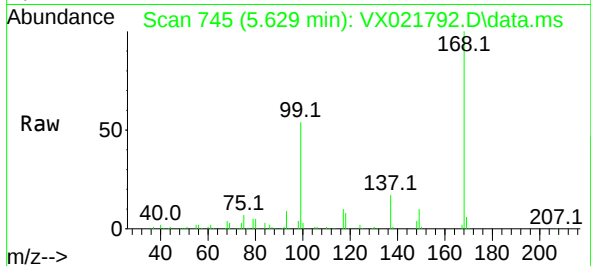




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

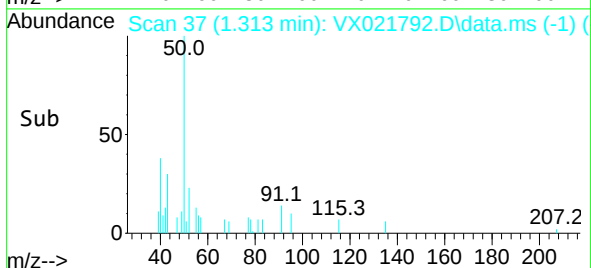
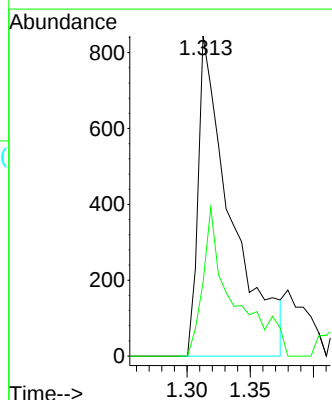
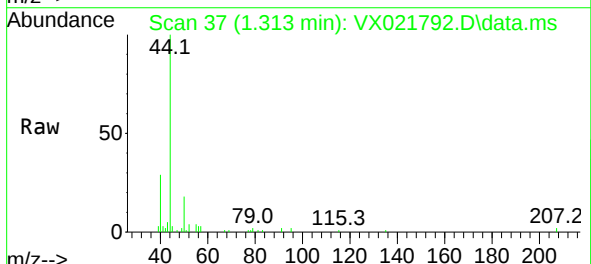
Instrument :
MSVOA_X
ClientSampled :

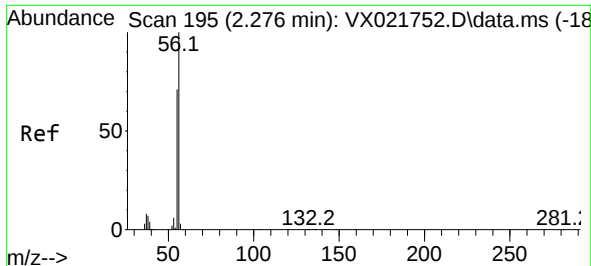
Tgt Ion:168 Resp: 158219
Ion Ratio Lower Upper
168 100
99 53.9 45.8 68.6



#3
Chloromethane
Concen: 1.06 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

Tgt Ion: 50 Resp: 1527
Ion Ratio Lower Upper
50 100
52 23.0 26.4 39.6#

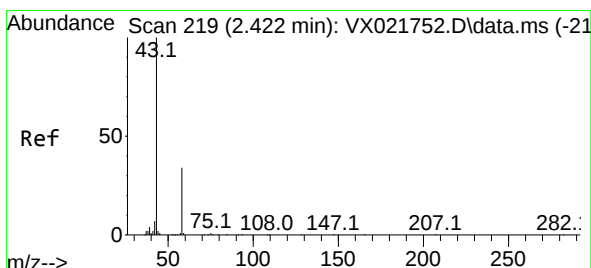
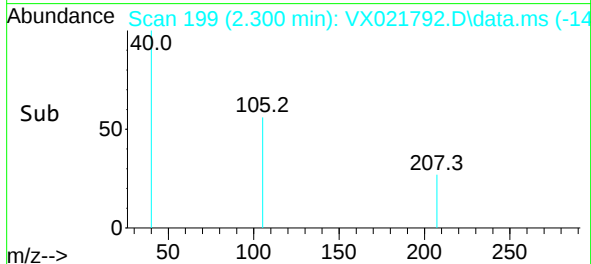
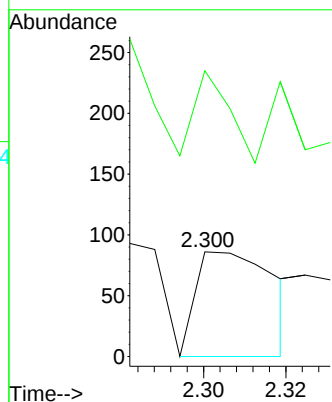
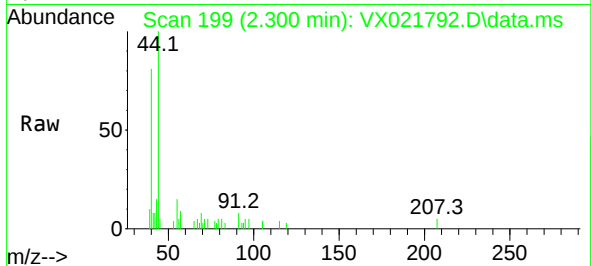




#13
Acrolein
Concen: 0.36 ug/l
RT: 2.300 min Scan# 199
Delta R.T. 0.024 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

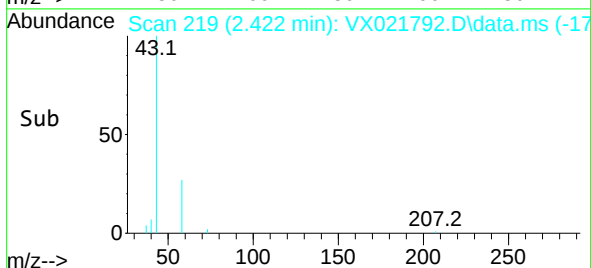
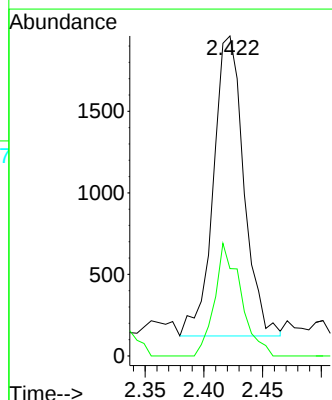
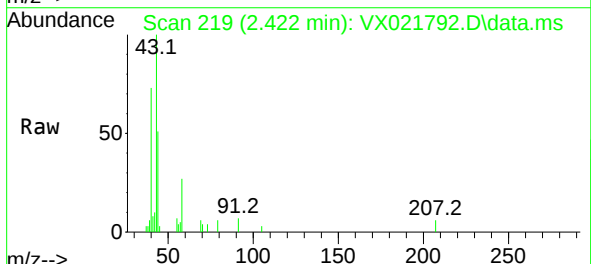
Instrument :
MSVOA_X
ClientSampled :

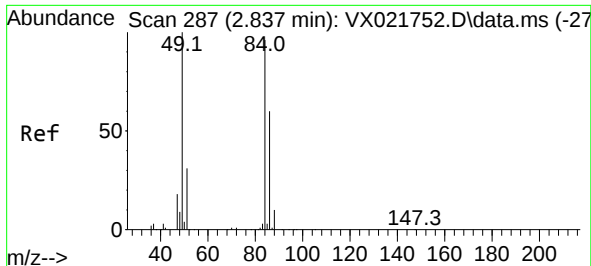
Tgt Ion: 56 Resp: 114
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 5.37 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

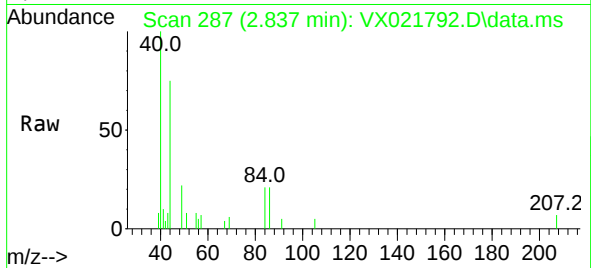
Tgt Ion: 43 Resp: 3313
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



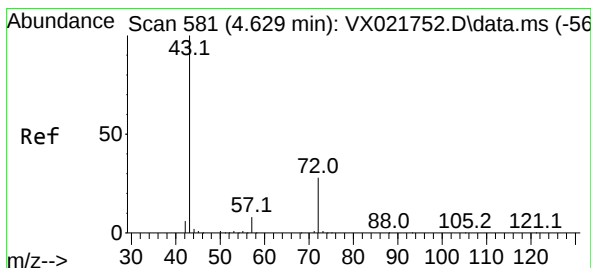
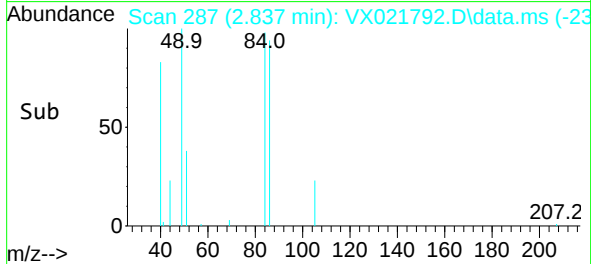
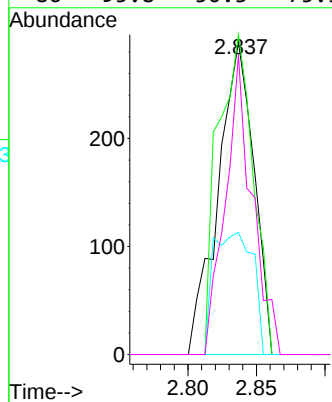


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :

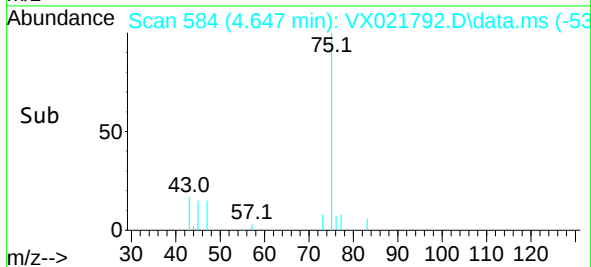
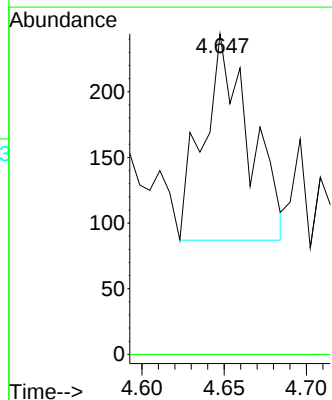
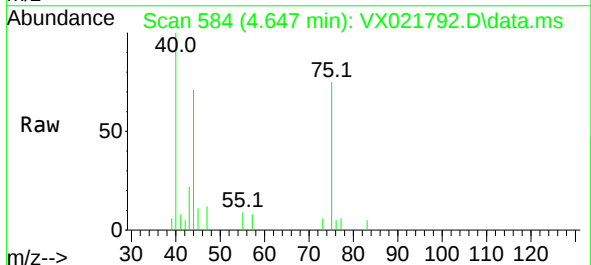


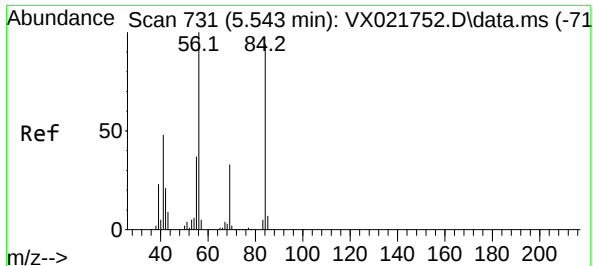
Tgt Ion:	84	Resp:	526
Ion	Ratio	Lower	Upper
84	100		
49	102.4	88.6	132.8
51	39.1	27.0	40.6
86	95.8	50.3	75.5#



#25
2-Butanone
Concen: 0.29 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.018 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

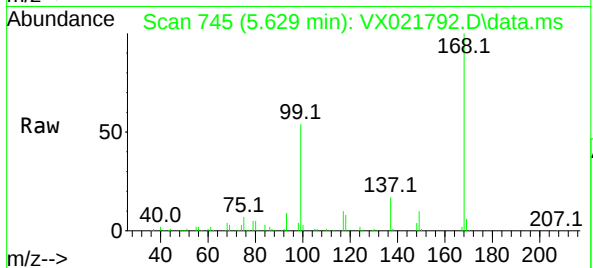
Tgt Ion:	43	Resp:	304
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



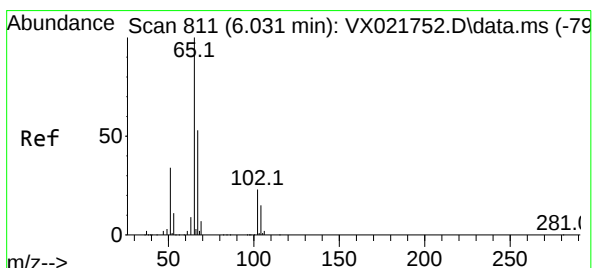
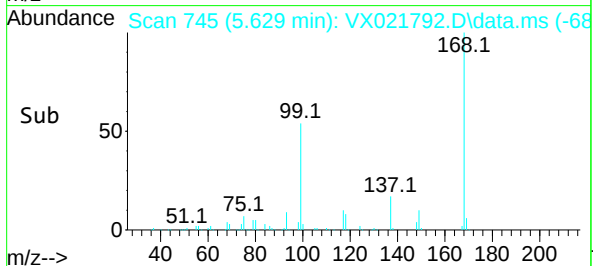
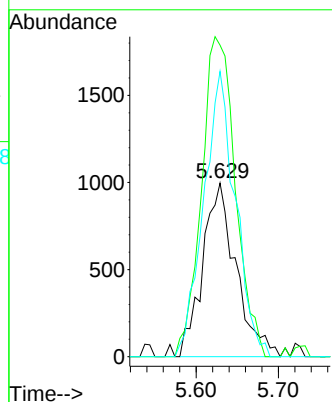


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :

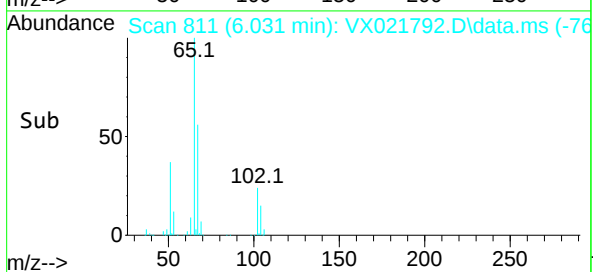
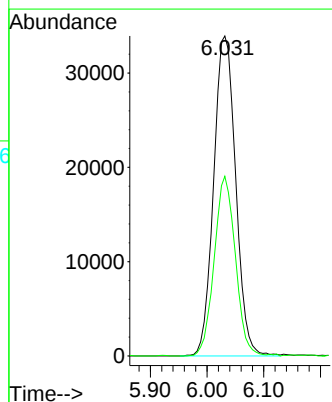
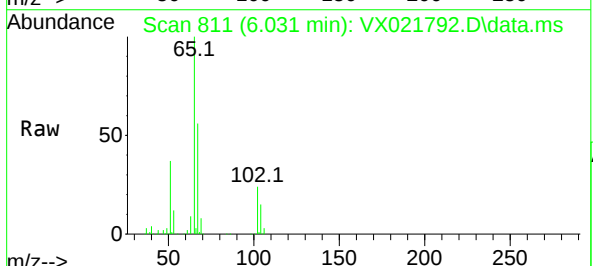


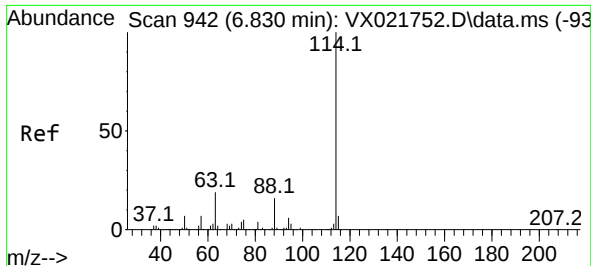
Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 179.3 25.3 37.9#
84 164.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.11 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

Tgt Ion: 65 Resp: 91732
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

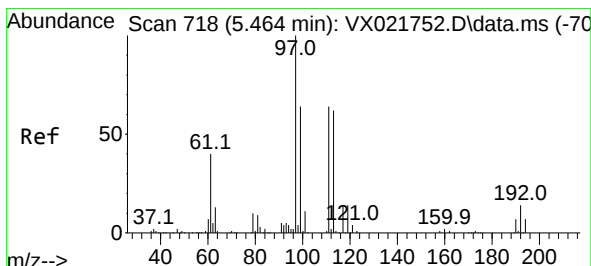
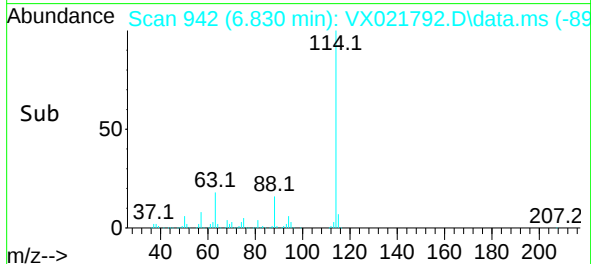
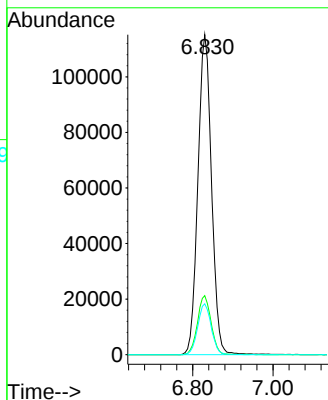
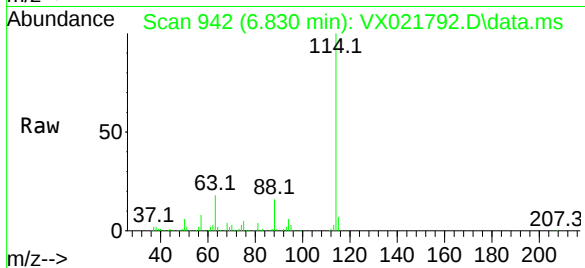
Delta R.T. -0.000 min

Lab File: VX021792.D

Acq: 21 Apr 2021 15:04

Tgt Ion:	114	Resp:	271057
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	40.8
88	15.9	0.0	32.8

Instrument :
MSVOA_X
ClientSampled :



#35

Dibromofluoromethane

Concen: 49.02 ug/l

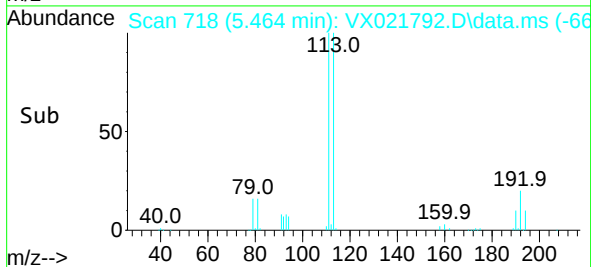
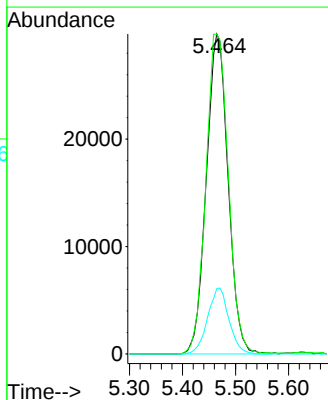
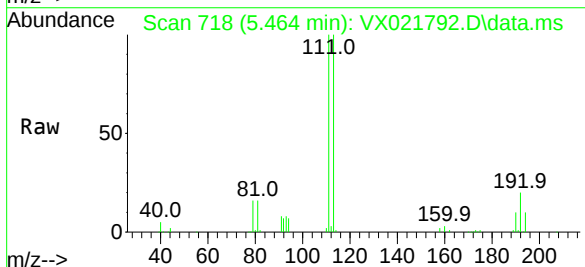
RT: 5.464 min Scan# 718

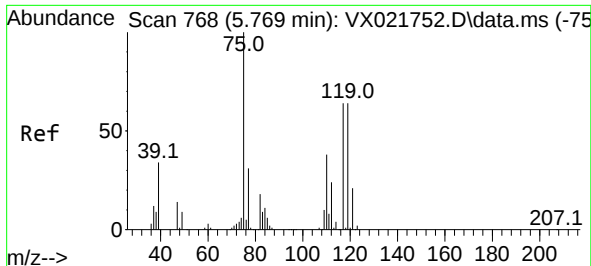
Delta R.T. 0.000 min

Lab File: VX021792.D

Acq: 21 Apr 2021 15:04

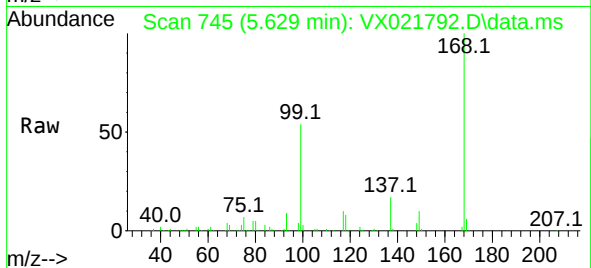
Tgt Ion:	113	Resp:	84971
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	20.1	16.7	25.1



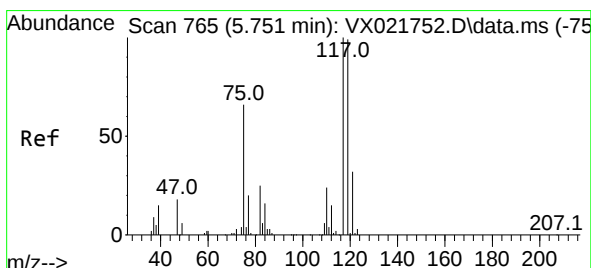
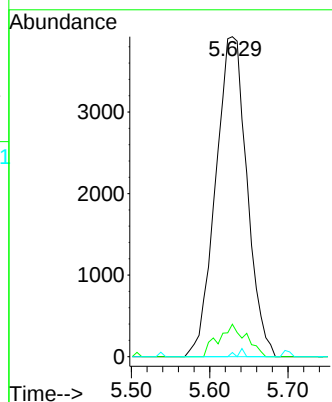
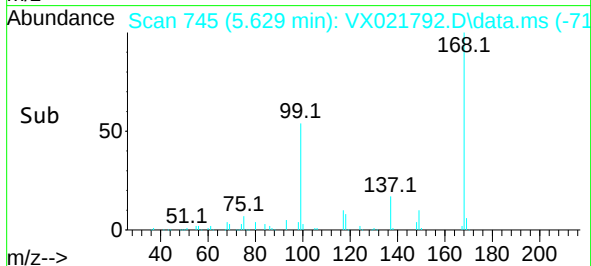


#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

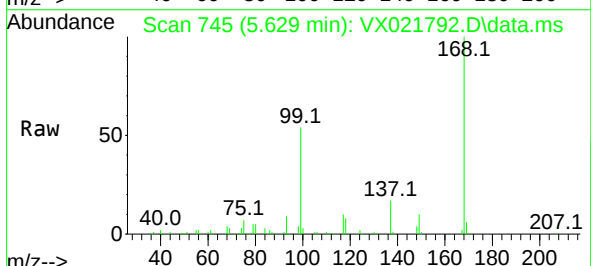
Instrument :
MSVOA_X
ClientSampled :



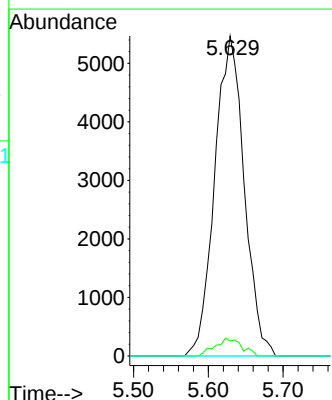
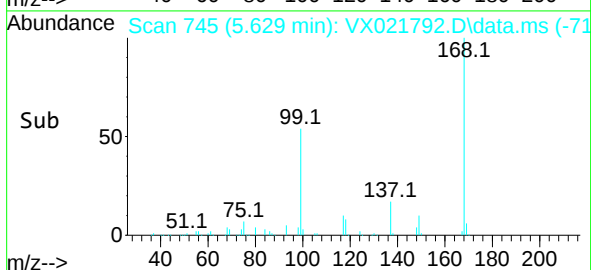
Tgt Ion: 75 Resp: 10896
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.5 25.3 37.9#

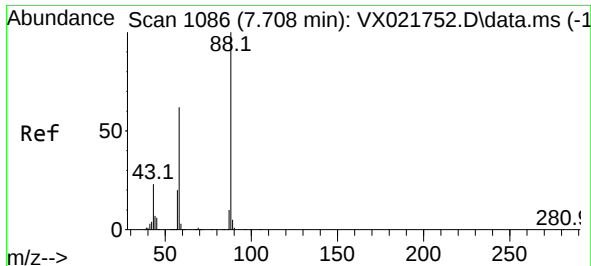


#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04



Tgt Ion: 117 Resp: 15013
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

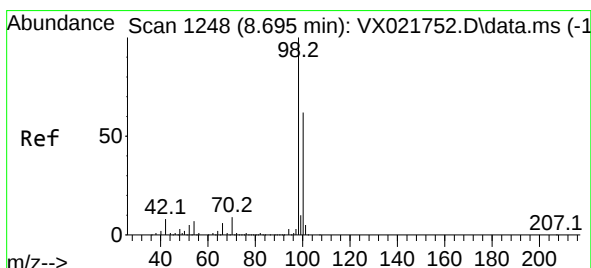
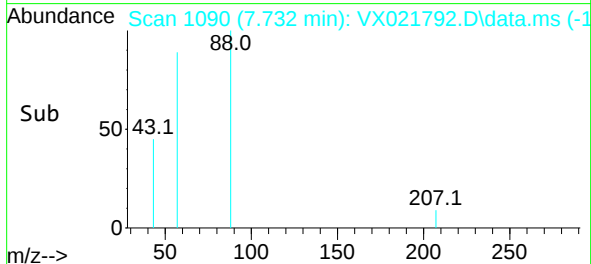
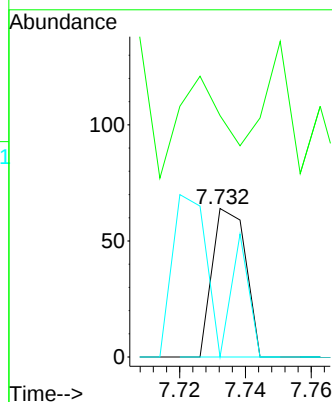
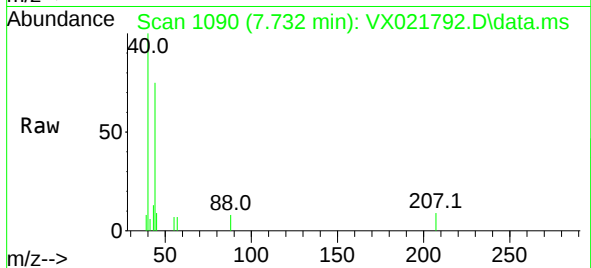




#49
1,4-Dioxane
Concen: 1.00 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.024 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

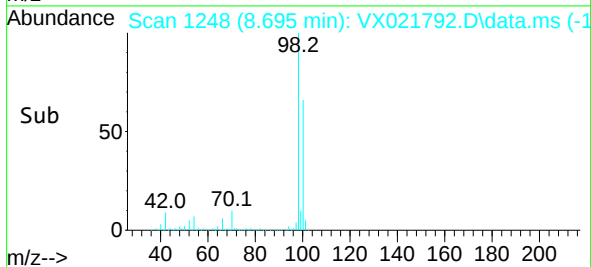
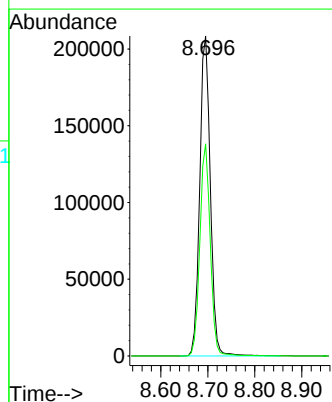
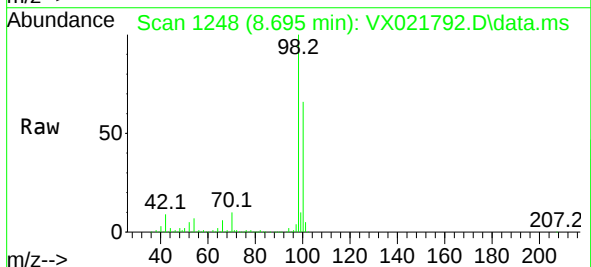
Instrument :
MSVOA_X
ClientSampled :

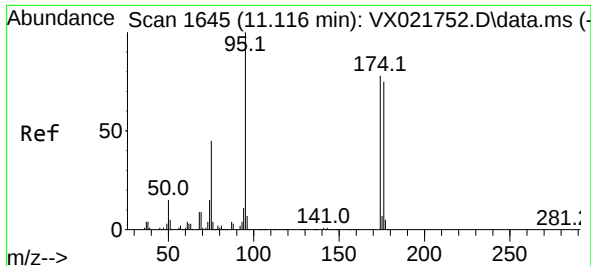
Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 35.6 23.2 34.8#
58 153.3 55.0 82.4#



#50
Toluene-d8
Concen: 49.11 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

Tgt Ion: 98 Resp: 327307
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

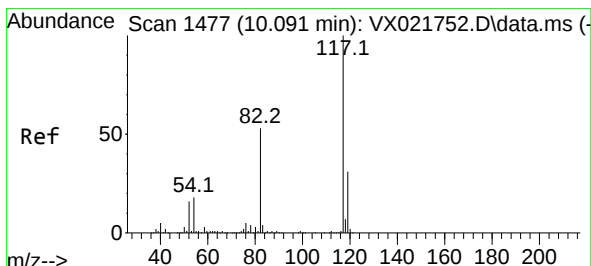
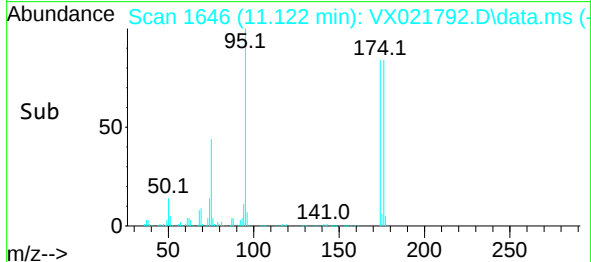
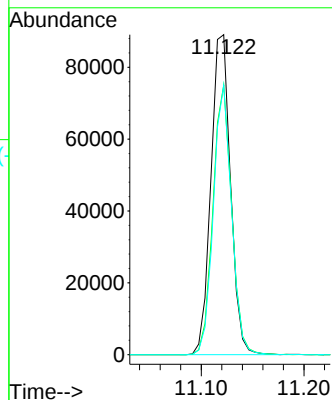
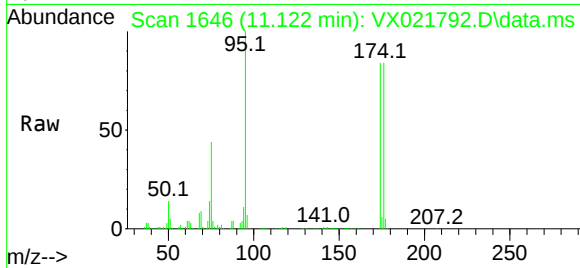




#62
4-Bromofluorobenzene
Concen: 47.42 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

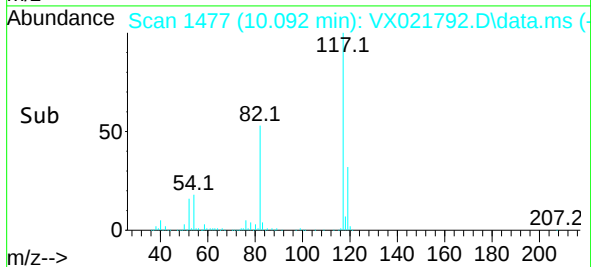
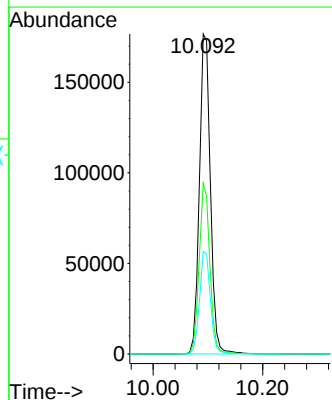
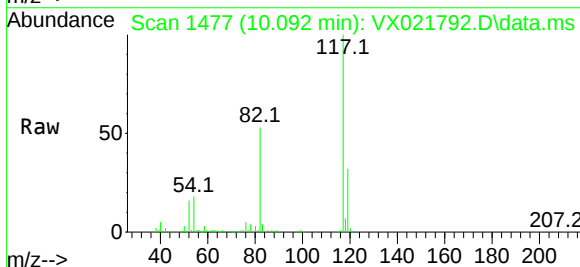
Instrument :
MSVOA_X
ClientSampled :

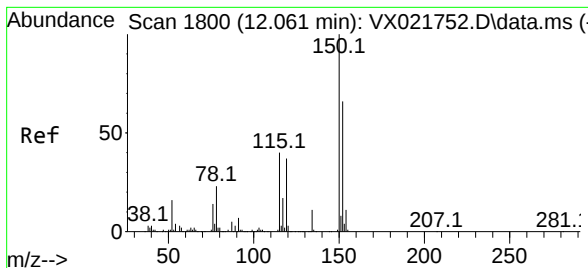
Tgt Ion: 95 Resp: 118024
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 78.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021792.D
Acq: 21 Apr 2021 15:04

Tgt Ion: 117 Resp: 246653
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 32.0 26.6 39.8

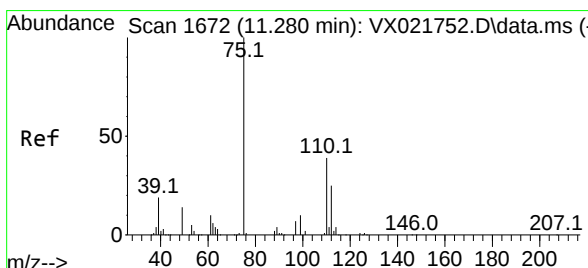
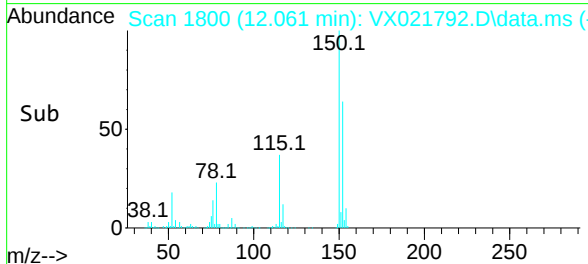
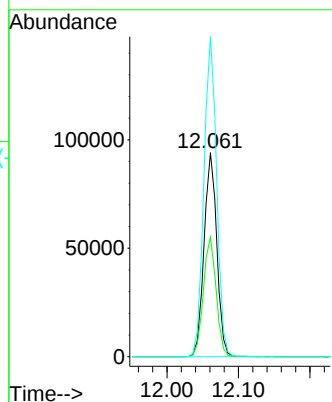
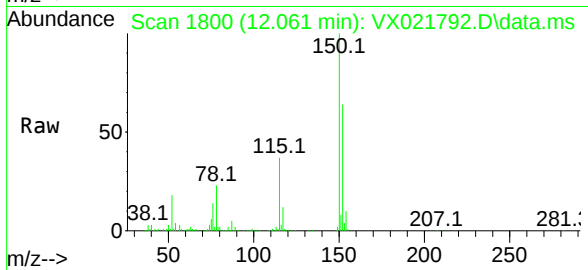




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021792.D
 Acq: 21 Apr 2021 15:04

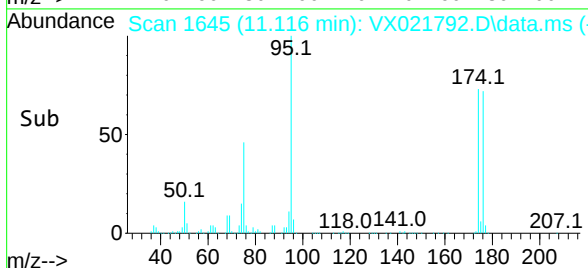
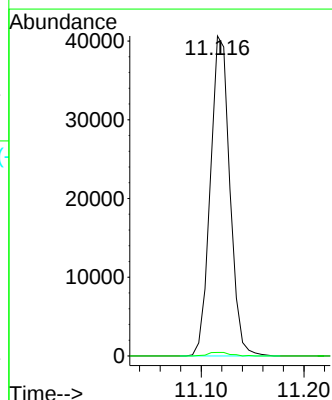
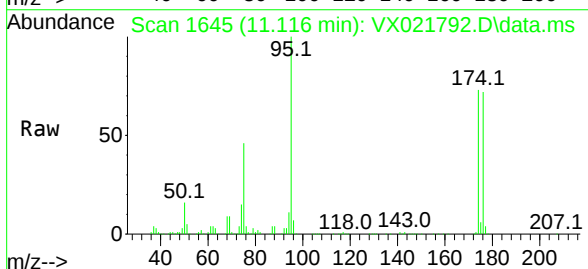
Instrument :
 MSVOA_X
 ClientSampled :

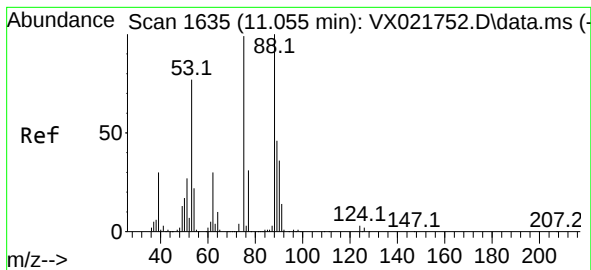
Tgt Ion:152 Resp: 116182
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 156.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.27 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021792.D
 Acq: 21 Apr 2021 15:04

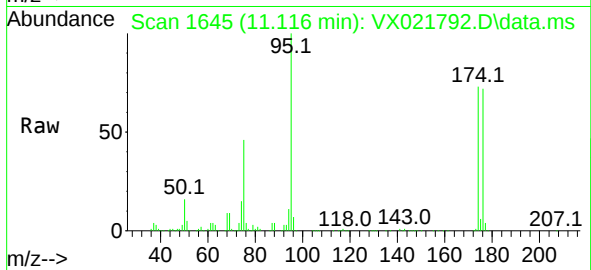
Tgt Ion: 75 Resp: 53611
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.51 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021792.D
 Acq: 21 Apr 2021 15:04

Instrument :
 MSVOA_X
 ClientSampleId :



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

