

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021849.D
 Acq On : 23 Apr 2021 17:53
 Operator : JC/MD
 Sample : M2164-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:06:01 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

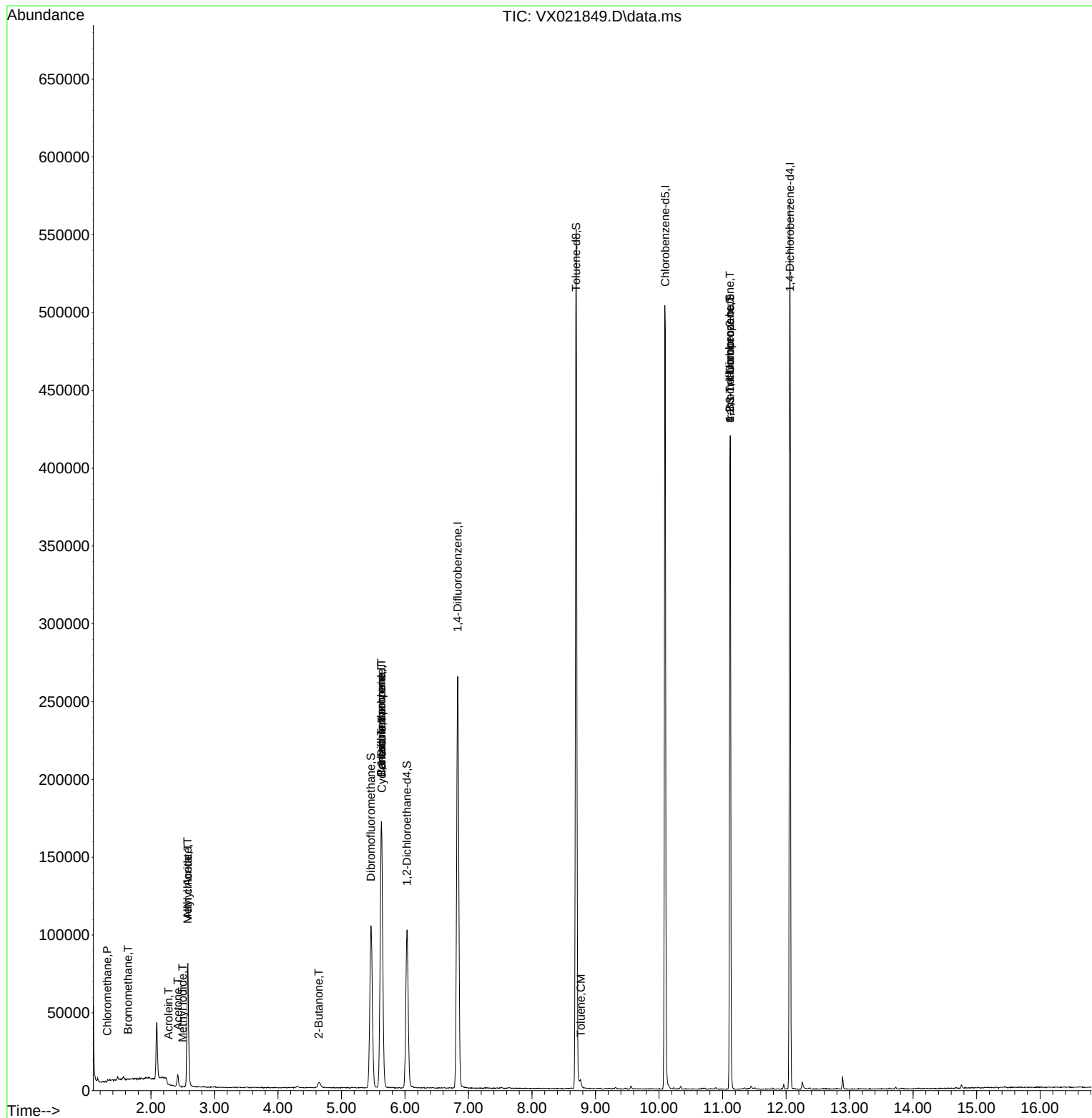
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	173790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	290759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	258705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	121623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	94633	48.00	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.00%
35) Dibromofluoromethane	5.464	113	92938	49.98	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.96%
50) Toluene-d8	8.696	98	343920	48.10	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.20%
62) 4-Bromofluorobenzene	11.116	95	122252	45.79	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.58%
Target Compounds						
						Qvalue
3) Chloromethane	1.313	50	777	0.65	ug/l	97
5) Bromomethane	1.636	94	246	0.28	ug/l #	58
10) Methyl Iodide	2.495	142	67	8.19	ug/l #	42
13) Acrolein	2.276	56	144	0.41	ug/l #	14
14) Allyl chloride	2.581	41	7052	2.73	ug/l #	58
16) Acetone	2.422	43	8226	12.14	ug/l	93
18) Methyl Acetate	2.575	43	18368	9.99	ug/l #	47
25) 2-Butanone	4.641	43	2632	2.29	ug/l	91
31) Cyclohexane	5.635	56	2731	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11433	4.45	ug/l #	49
38) Carbon Tetrachloride	5.629	117	15953	5.68	ug/l #	16
52) Toluene	8.769	92	1308	0.26	ug/l	94
76) 1,2,3-Trichloropropane	11.116	75	54658	22.66	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	54658	52.11	ug/l #	12

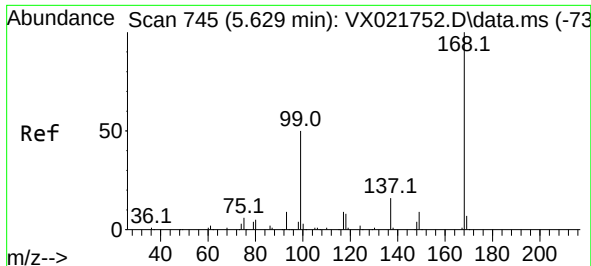
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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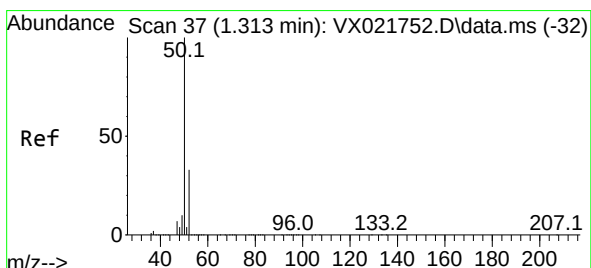
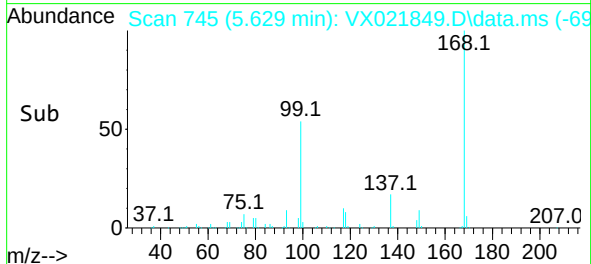
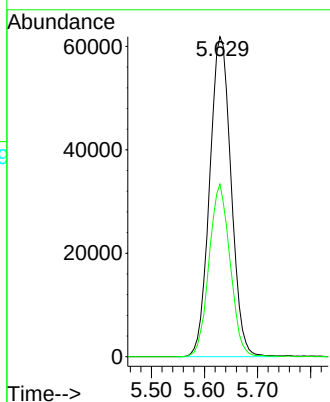
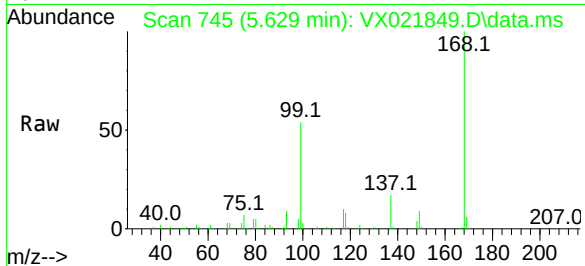




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

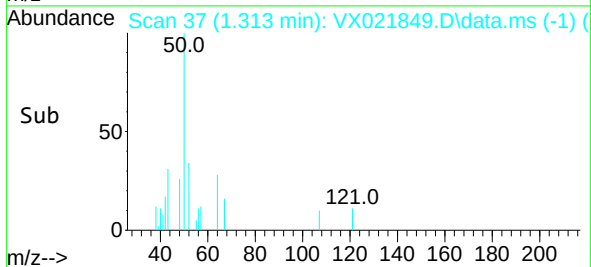
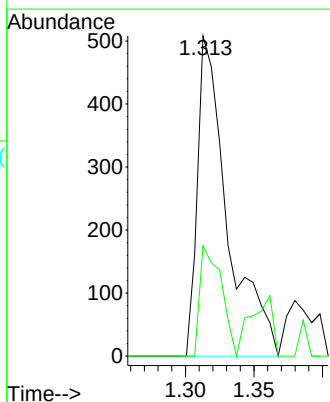
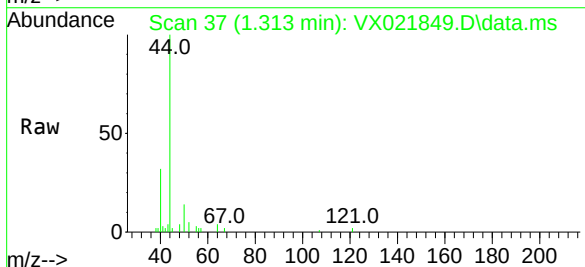
Instrument :
MSVOA_X
ClientSampleId :

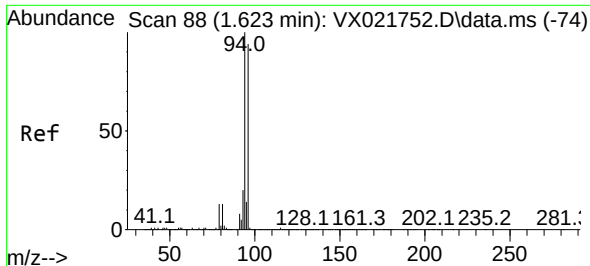
Tgt Ion:168 Resp: 173790
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#3
Chloromethane
Concen: 0.65 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 50 Resp: 777
Ion Ratio Lower Upper
50 100
52 34.4 26.4 39.6

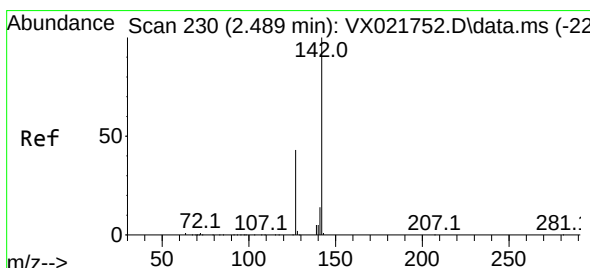
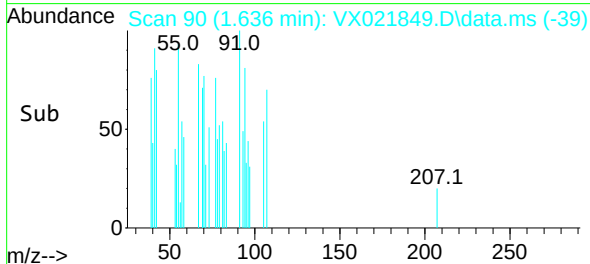
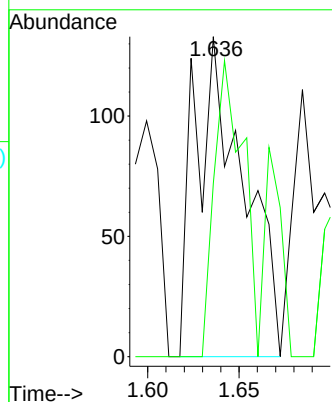
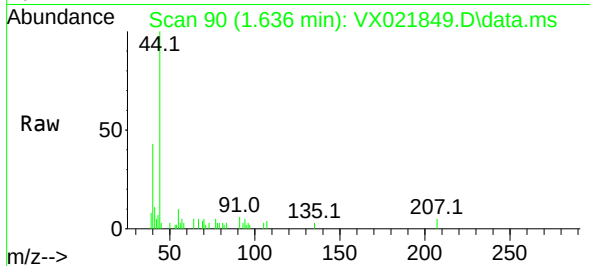




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.013 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

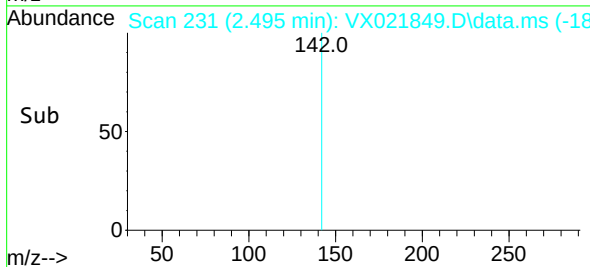
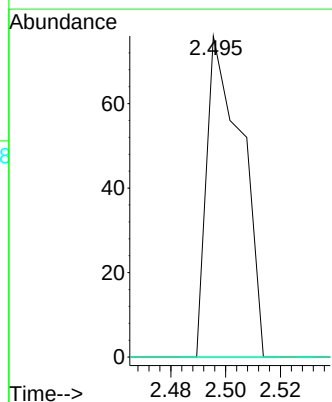
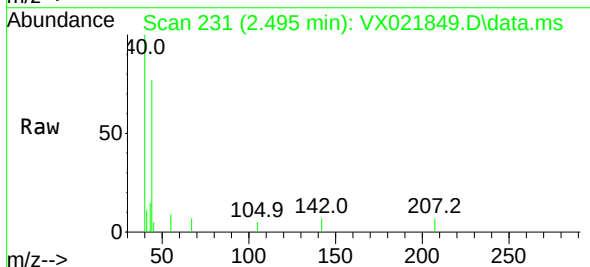
Instrument :
MSVOA_X
ClientSampled :

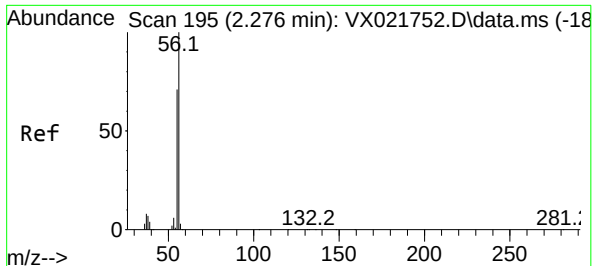
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 54.1 76.4 114.6#



#10
Methyl Iodide
Concen: 8.19 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

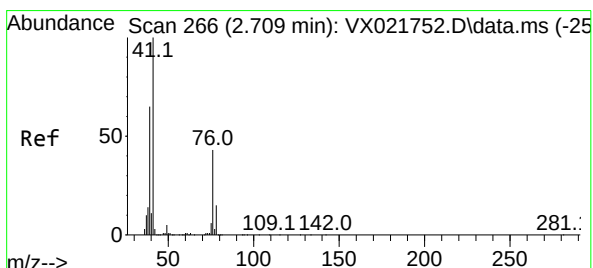
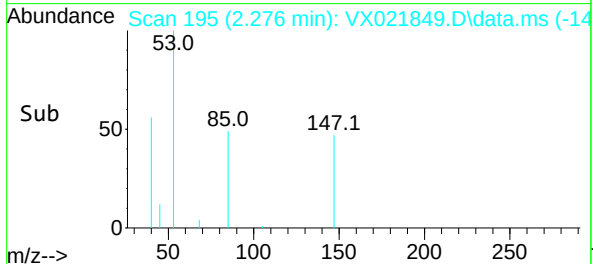
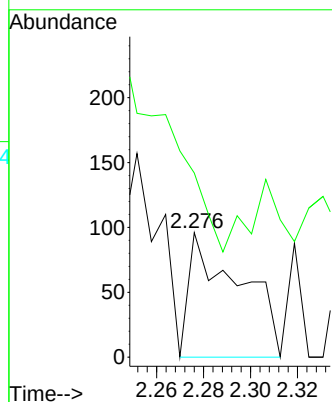
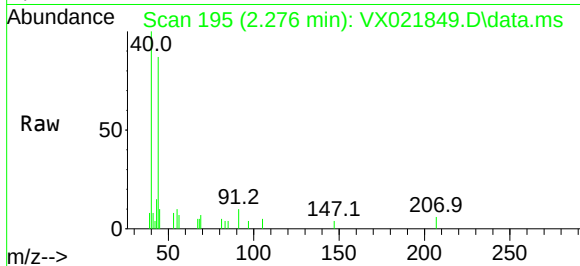




#13
Acrolein
Concen: 0.41 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.000 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

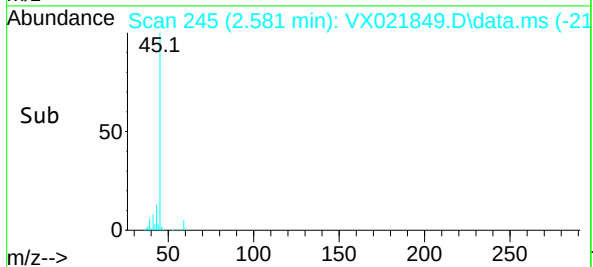
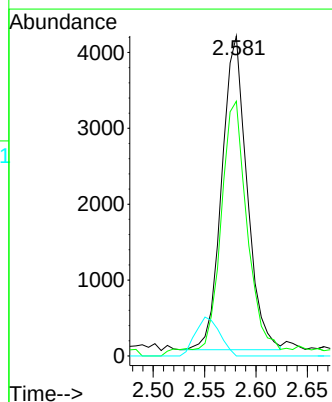
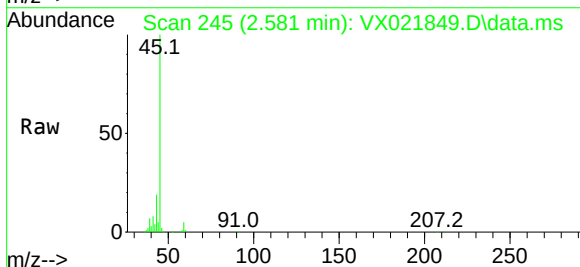
Instrument :
MSVOA_X
ClientSampleId :

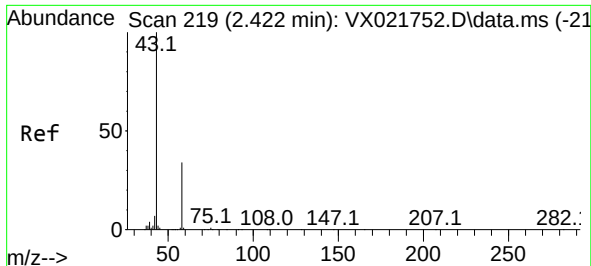
Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 2.73 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.128 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 41 Resp: 7052
Ion Ratio Lower Upper
41 100
39 88.3 51.6 77.4#
76 0.0 30.5 45.7#

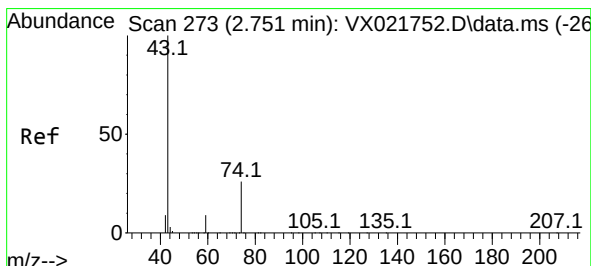
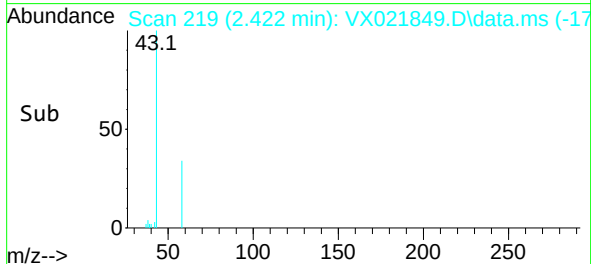
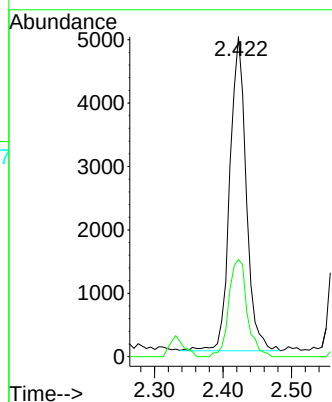
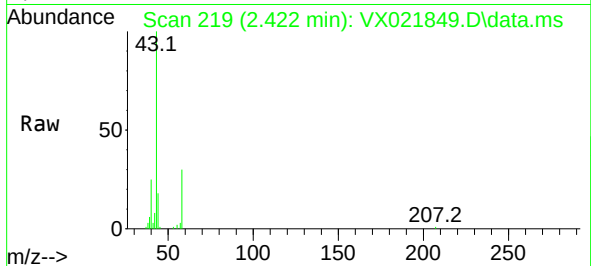




#16
Acetone
Concen: 12.14 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

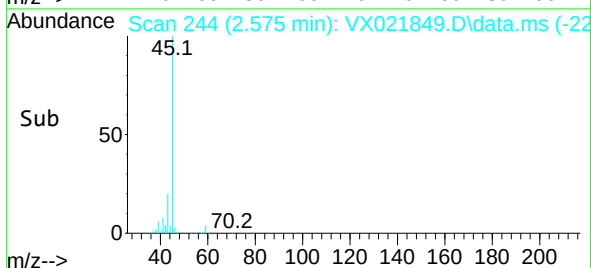
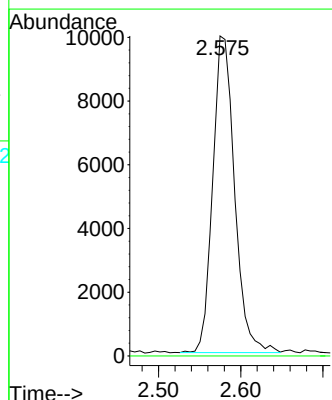
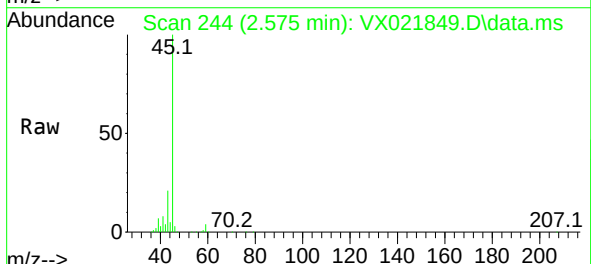
Instrument :
MSVOA_X
ClientSampled :

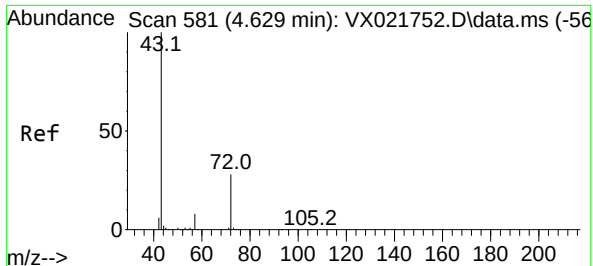
Tgt Ion: 43 Resp: 8226
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#18
Methyl Acetate
Concen: 9.99 ug/l
RT: 2.575 min Scan# 244
Delta R.T. -0.176 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 43 Resp: 18368
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

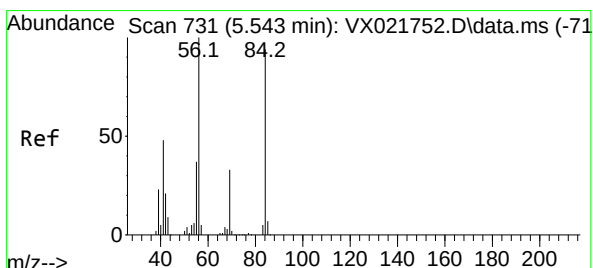
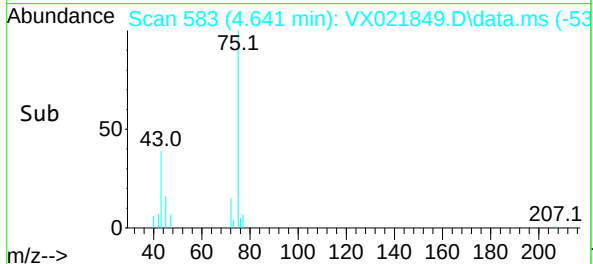
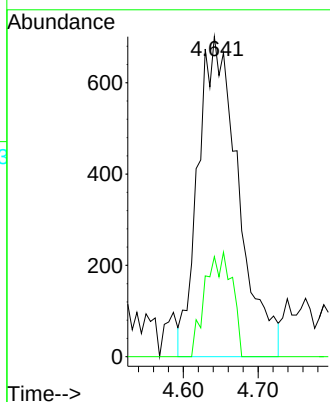
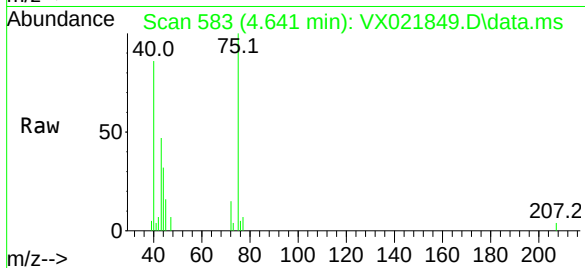




#25
2-Butanone
Concen: 2.29 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

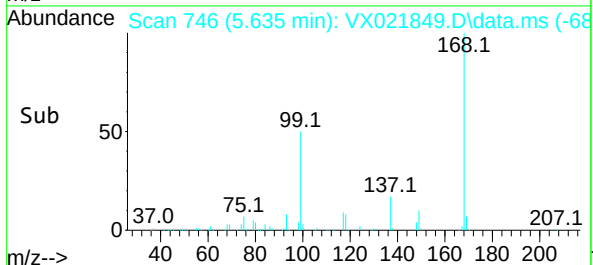
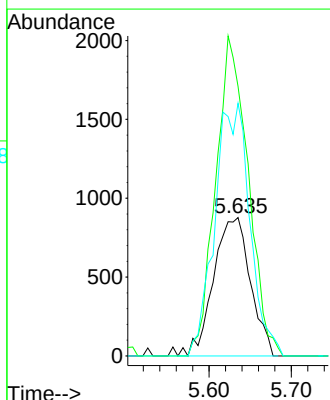
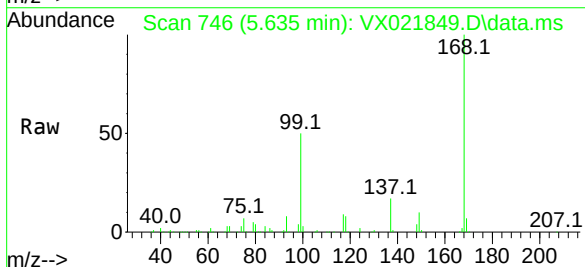
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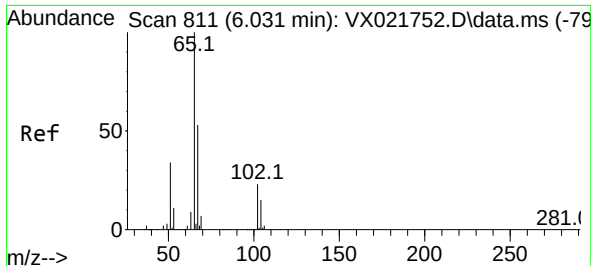
Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
72 34.3 23.7 35.5



#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.092 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 56 Resp: 2731
Ion Ratio Lower Upper
56 100
69 194.6 25.3 37.9#
84 182.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.00 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021849.D

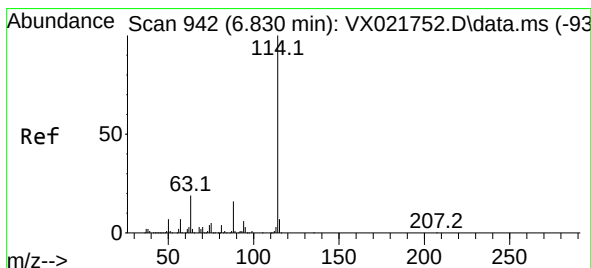
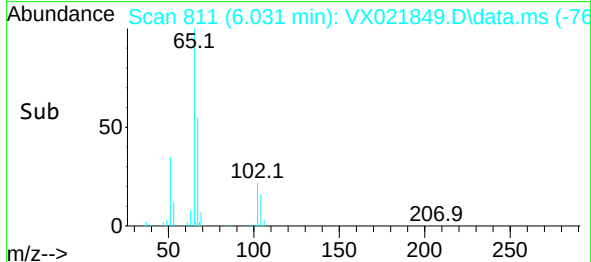
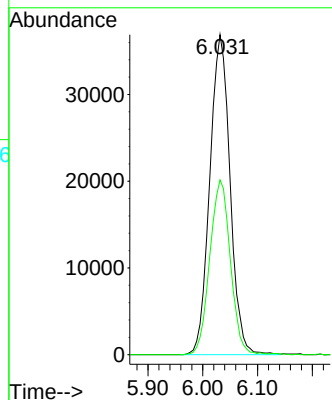
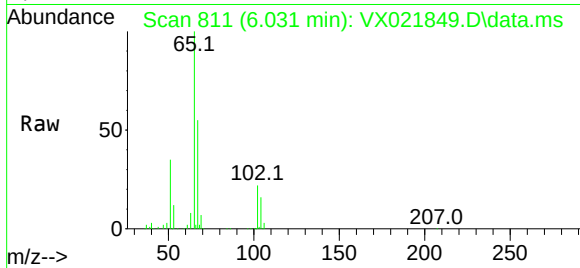
Acq: 23 Apr 2021 17:53

Tgt Ion: 65 Resp: 94633

Ion Ratio Lower Upper

65 100

67 55.6 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: VX021849.D

Acq: 23 Apr 2021 17:53

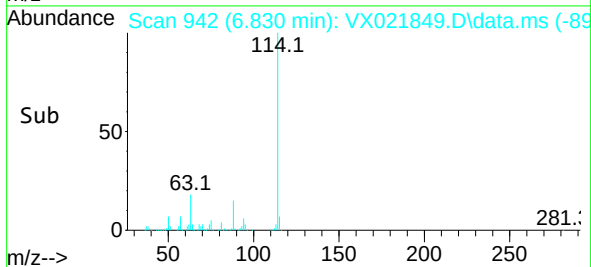
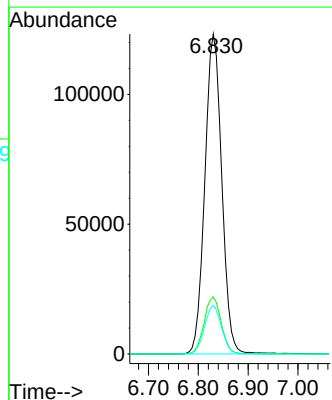
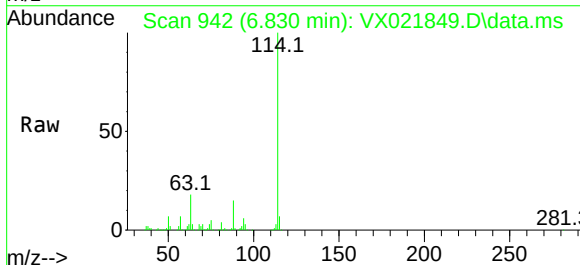
Tgt Ion: 114 Resp: 290759

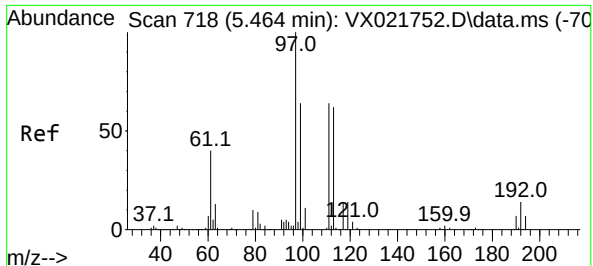
Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.8

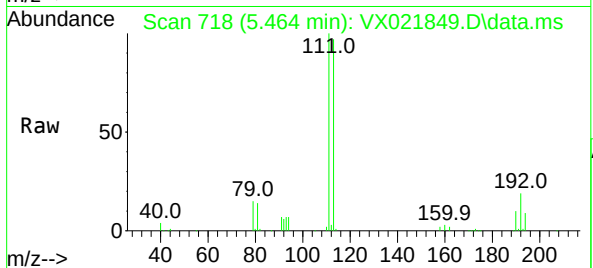
88 15.2 0.0 32.8



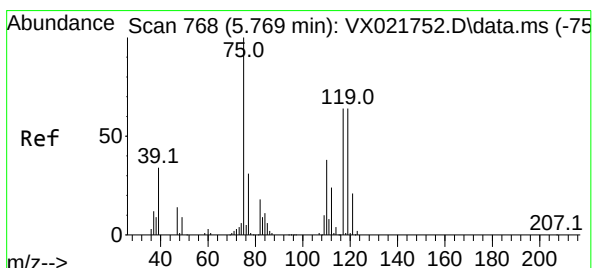
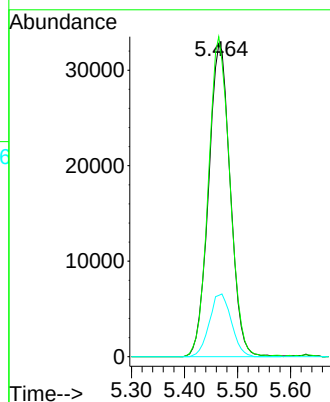
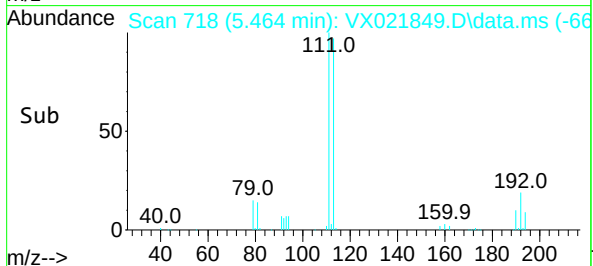


#35
Dibromofluoromethane
Concen: 49.98 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

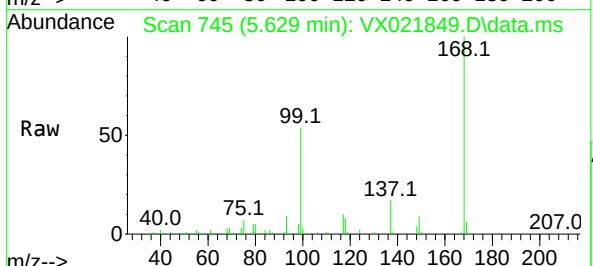
Instrument :
MSVOA_X
ClientSampleId :



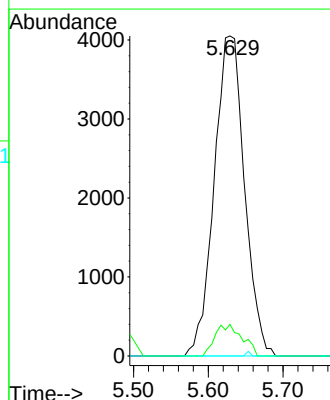
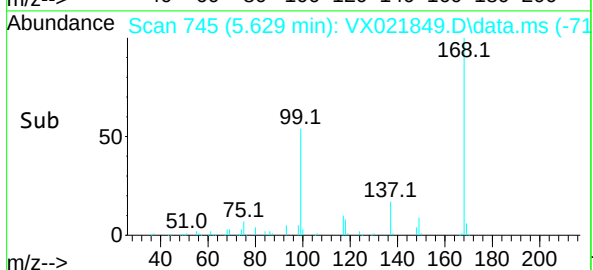
Tgt Ion:113 Resp: 92938
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 20.4 16.7 25.1

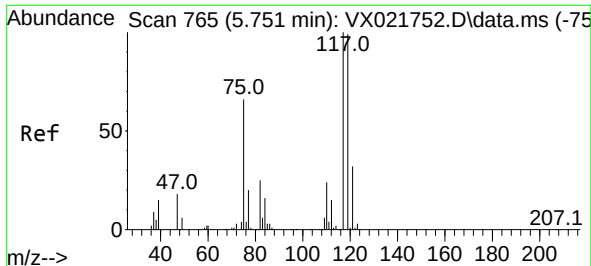


#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53



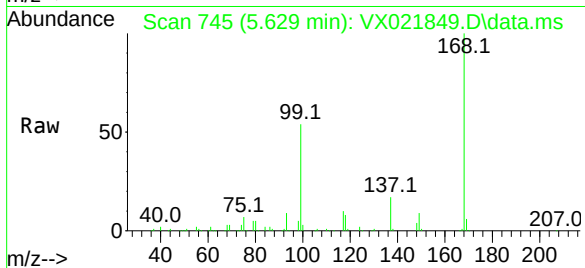
Tgt Ion: 75 Resp: 11433
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



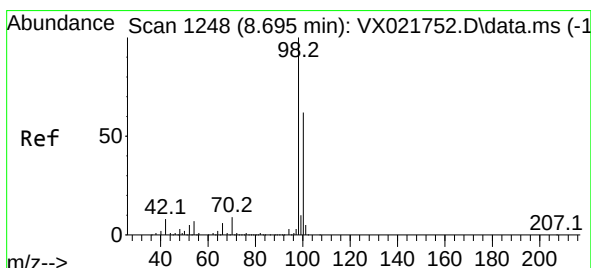
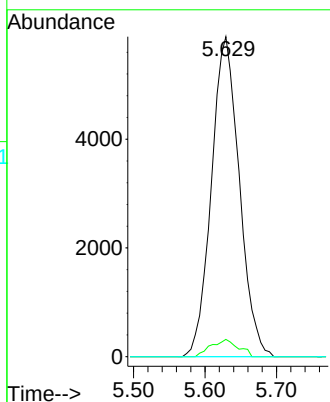
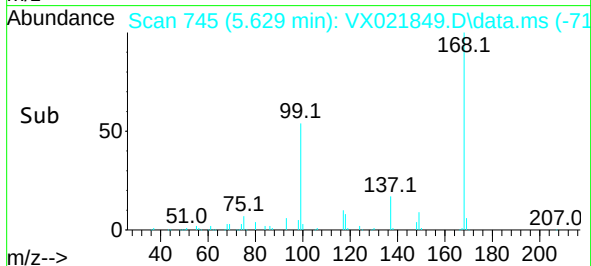


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

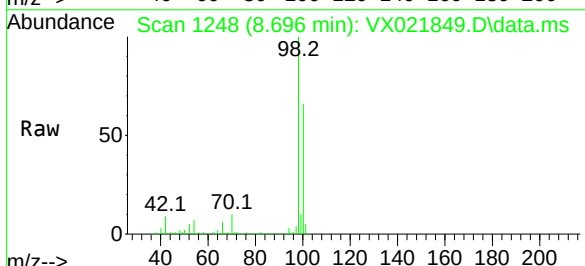
Instrument :
MSVOA_X
ClientSampleId :



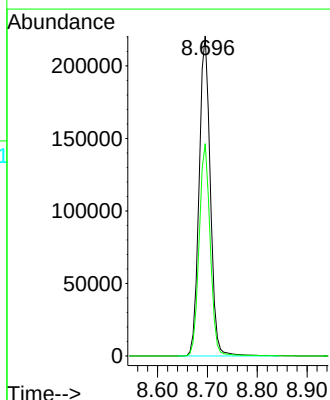
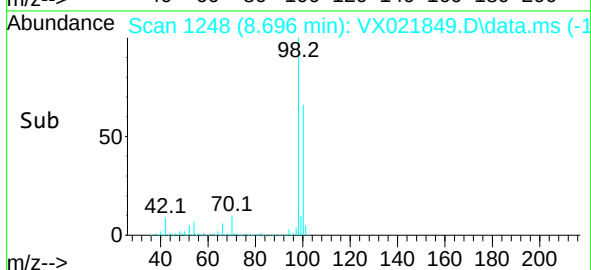
Tgt Ion:117 Resp: 15953
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

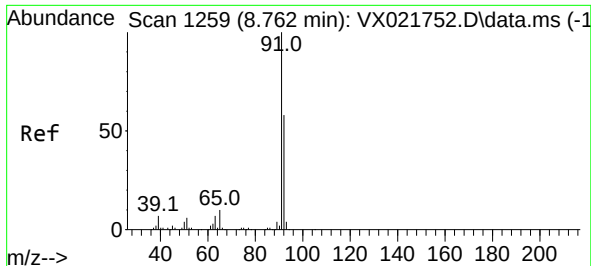


#50
Toluene-d8
Concen: 48.10 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53



Tgt Ion: 98 Resp: 343920
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

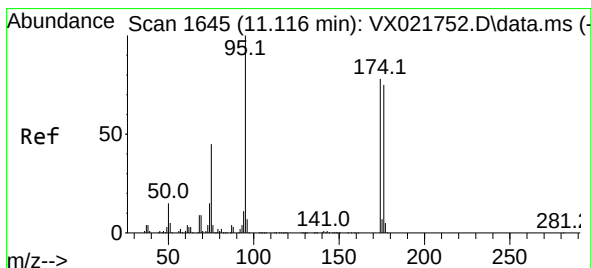
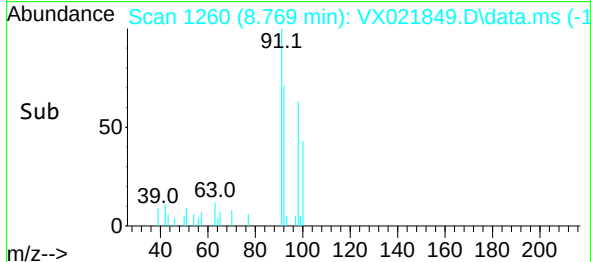
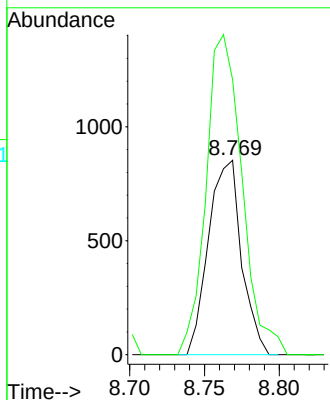
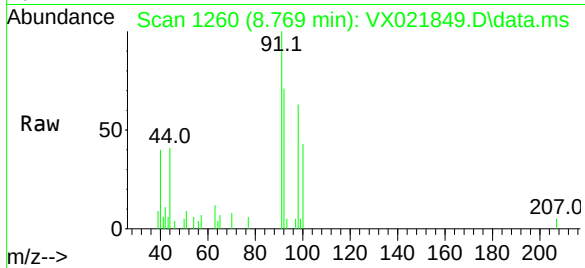




#52
Toluene
Concen: 0.26 ug/l
RT: 8.769 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

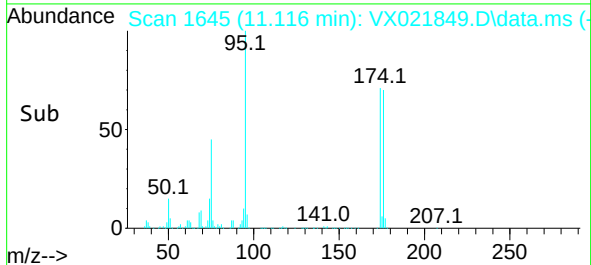
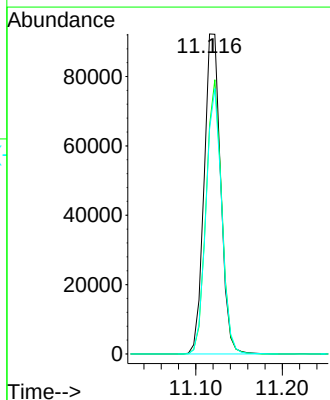
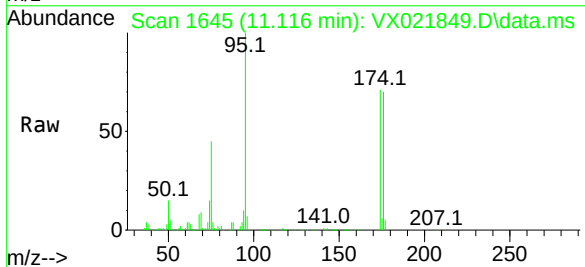
Instrument :
MSVOA_X
ClientSampleId :

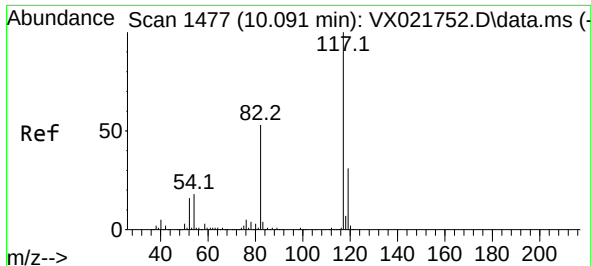
Tgt Ion: 92 Resp: 1308
Ion Ratio Lower Upper
92 100
91 179.5 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.79 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 95 Resp: 122252
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 79.1 0.0 155.8

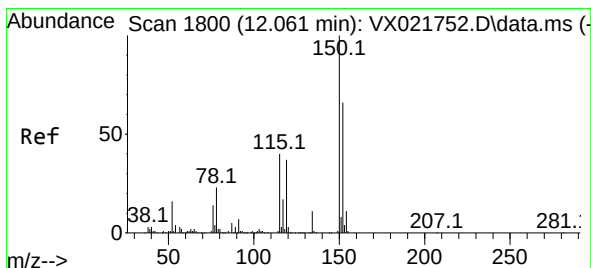
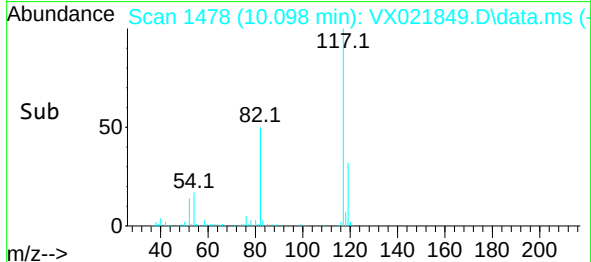
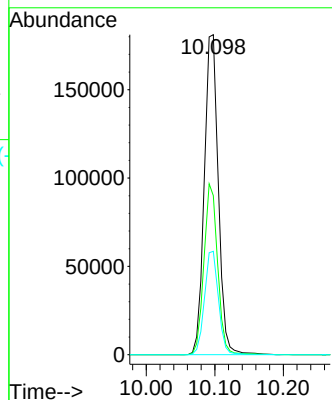
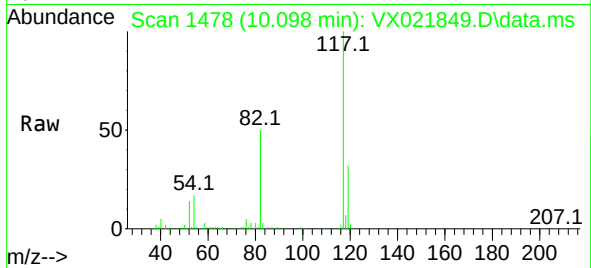




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

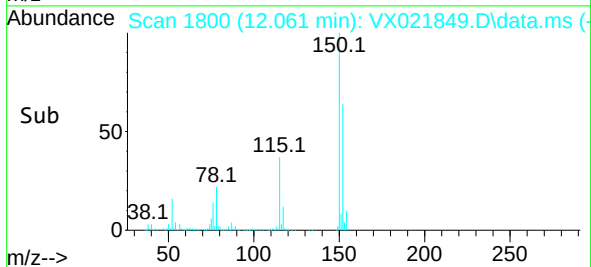
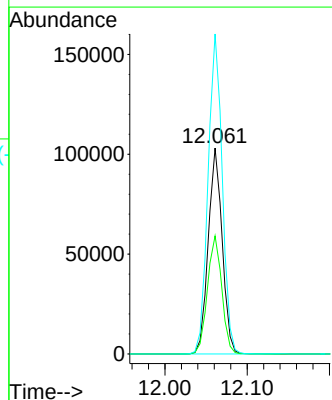
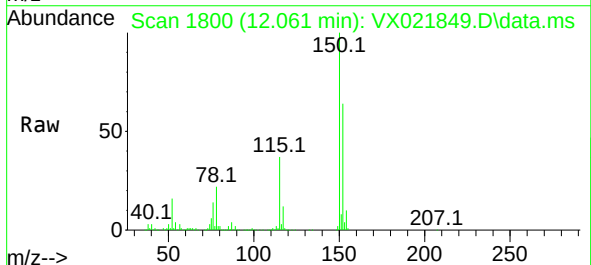
Instrument :
MSVOA_X
ClientSampled :

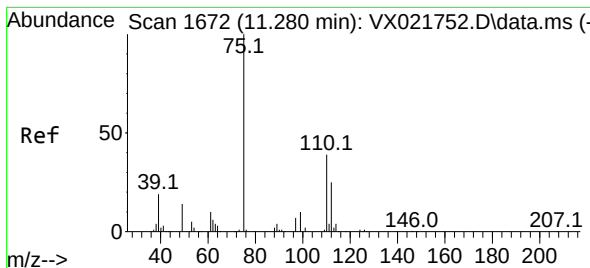
Tgt Ion:117 Resp: 258705
Ion Ratio Lower Upper
117 100
82 49.7 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion:152 Resp: 121623
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 157.6 0.0 349.0

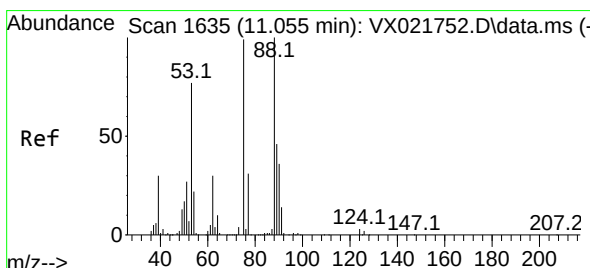
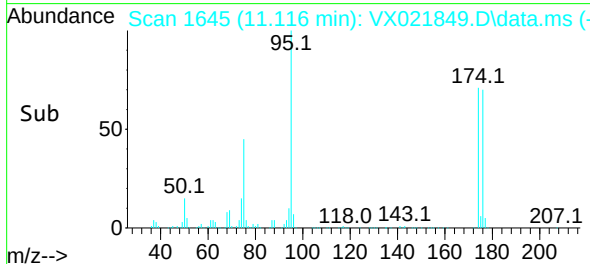
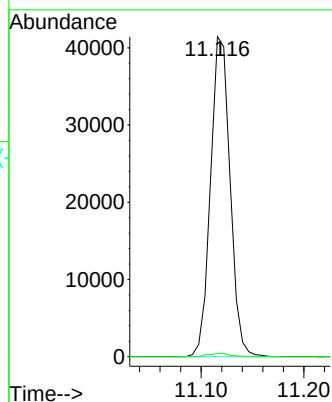
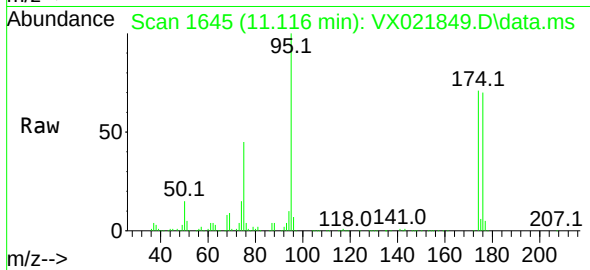




#76
1,2,3-Trichloropropane
Concen: 22.66 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54658
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.11 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021849.D
Acq: 23 Apr 2021 17:53

Tgt Ion: 75 Resp: 54658
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

