

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
 Data File : VX021267.D
 Acq On : 17 Mar 2021 14:00
 Operator : JC/MD
 Sample : M1663-03 5000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 18 03:53:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.617	168	112219	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.823	114	185774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	168229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	83813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	88357	48.00	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.00%
35) Dibromofluoromethane	5.453	113	62303	49.29	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.58%
50) Toluene-d8	8.694	98	230199	50.19	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.38%
62) 4-Bromofluorobenzene	11.118	95	91635	51.44	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.88%

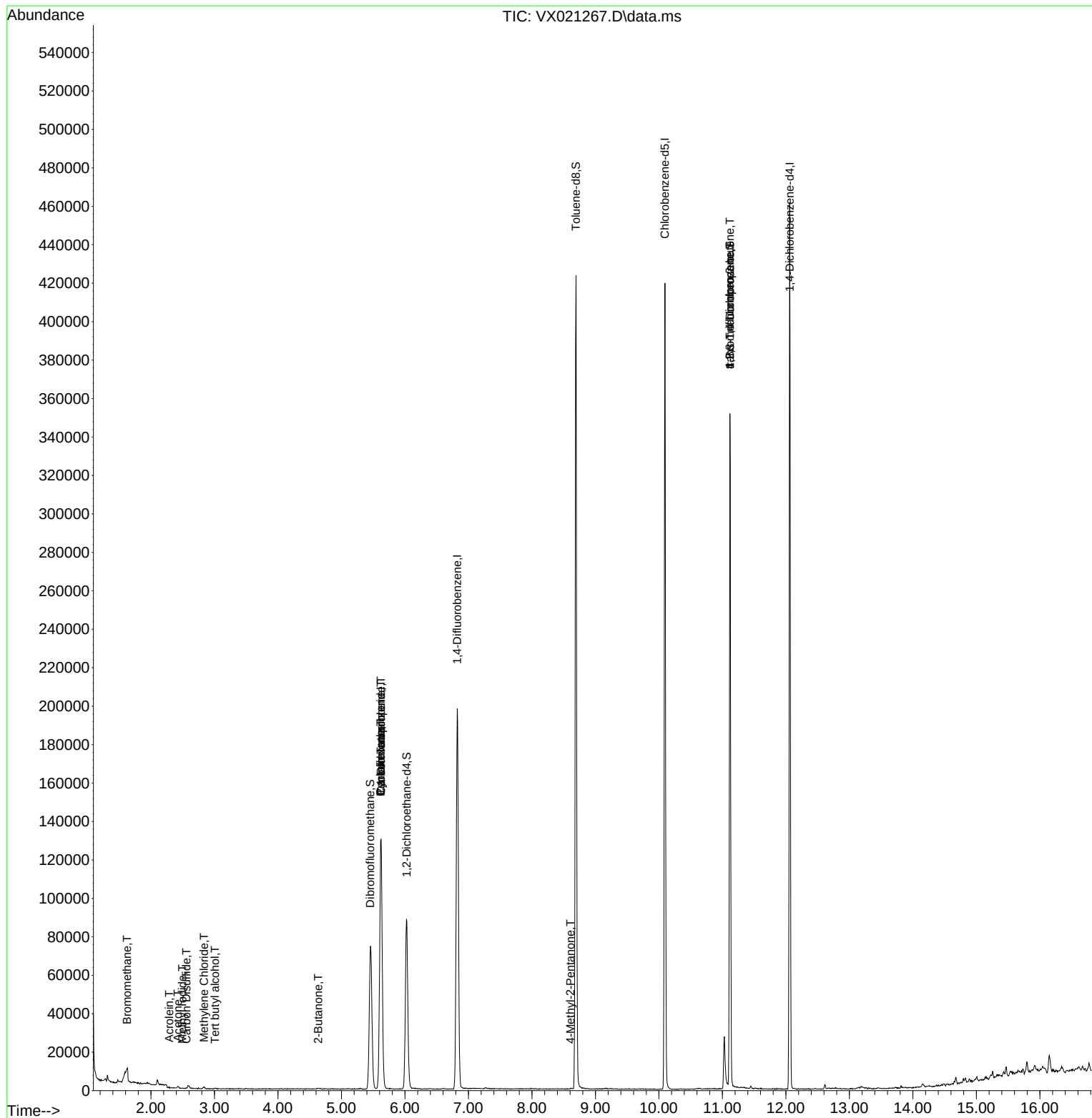
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.317	50	2545	Below Cal		97
5) Bromomethane	1.623	94	414	0.69	ug/l #	76
10) Methyl Iodide	2.493	142	223	0.22	ug/l #	79
11) Tert butyl alcohol	3.005	59	168	0.54	ug/l #	73
13) Acrolein	2.287	56	19	3.23	ug/l #	1
16) Acetone	2.423	43	1118	1.65	ug/l #	84
17) Carbon Disulfide	2.558	76	113	0.57	ug/l #	75
20) Methylene Chloride	2.835	84	350	0.25	ug/l	96
25) 2-Butanone	4.635	43	490	0.47	ug/l #	45
31) Cyclohexane	5.617	56	3159	1.42	ug/l #	31
36) 1,1-Dichloropropene	5.623	75	10721	5.73	ug/l #	49
38) Carbon Tetrachloride	5.623	117	12804	6.59	ug/l #	15
49) 1,4-Dioxane	7.718	88	46	Below Cal	#	24
51) 4-Methyl-2-Pentanone	8.606	43	424	0.20	ug/l #	81
76) 1,2,3-Trichloropropane	11.118	75	50898	26.18	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	50898	71.08	ug/l #	12

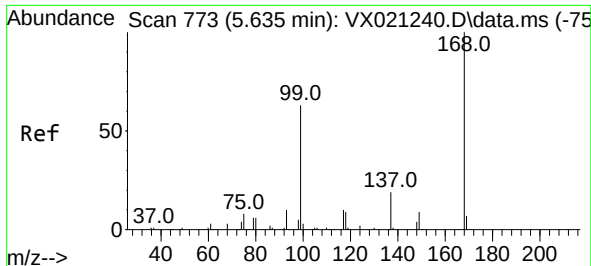
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
Data File : VX021267.D
Acq On : 17 Mar 2021 14:00
Operator : JC/MD
Sample : M1663-03 5000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 18 03:53:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

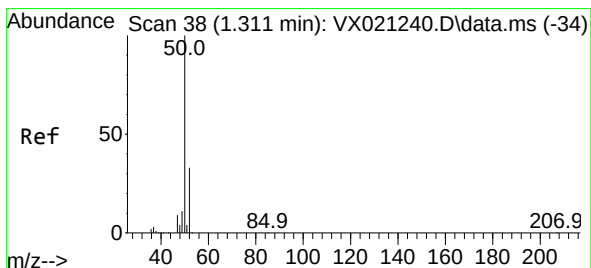
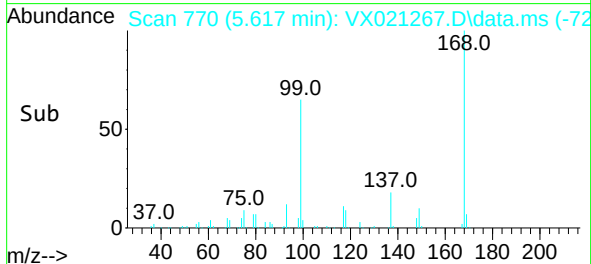
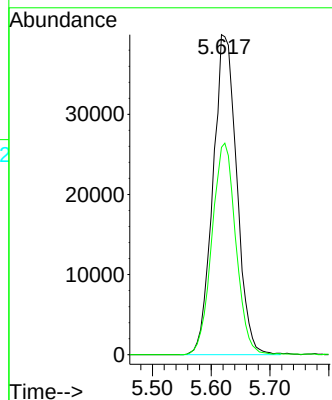
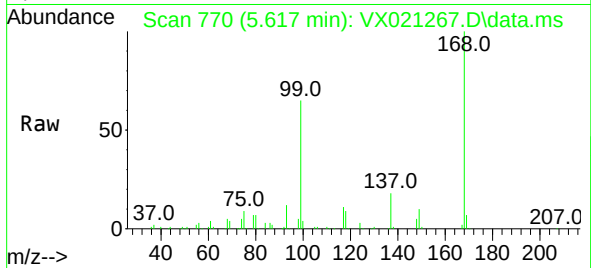




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.018 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

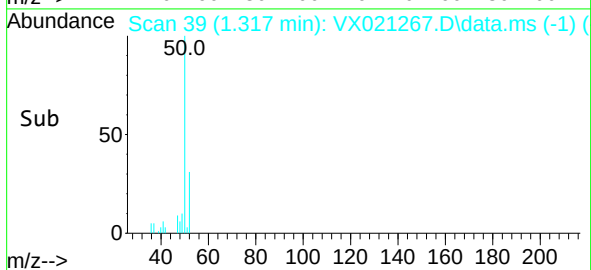
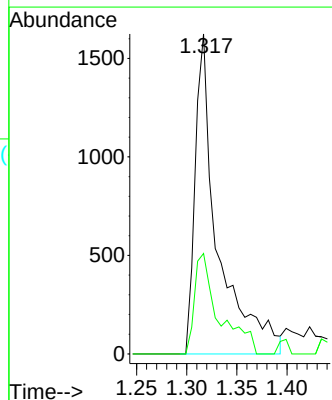
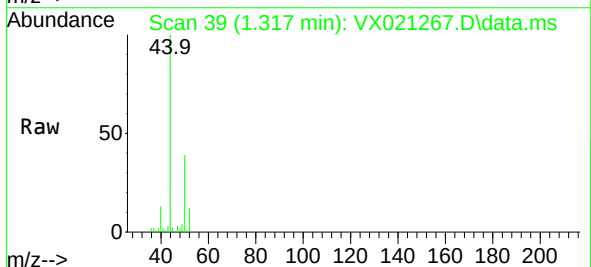
Instrument :
MSVOA_X
ClientSampleId :

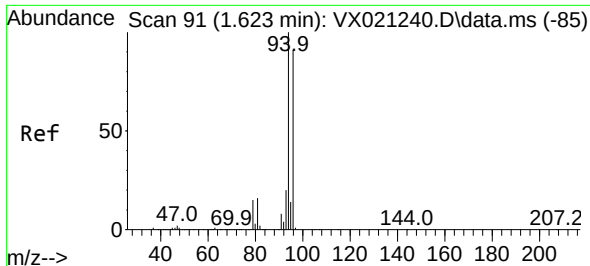
Tgt Ion:168 Resp: 112219
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

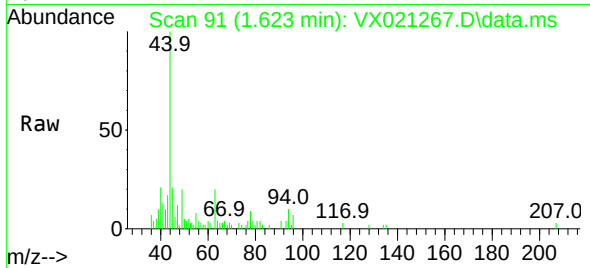
Tgt Ion: 50 Resp: 2545
Ion Ratio Lower Upper
50 100
52 31.4 26.4 39.6



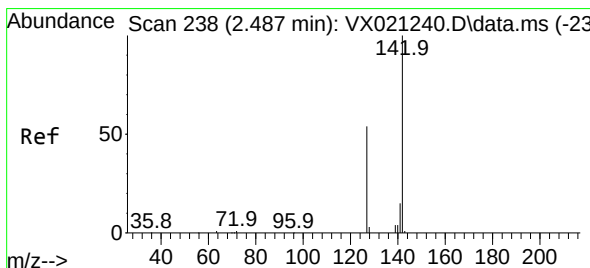
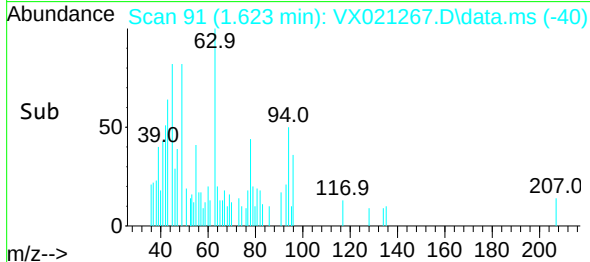
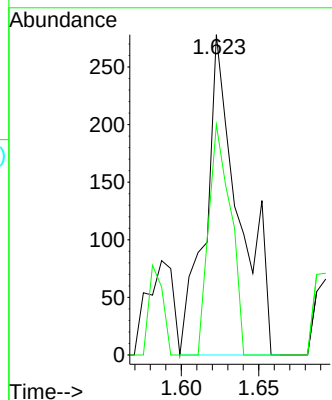


#5
Bromomethane
Concen: 0.69 ug/l
RT: 1.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Instrument :
MSVOA_X
ClientSampled :

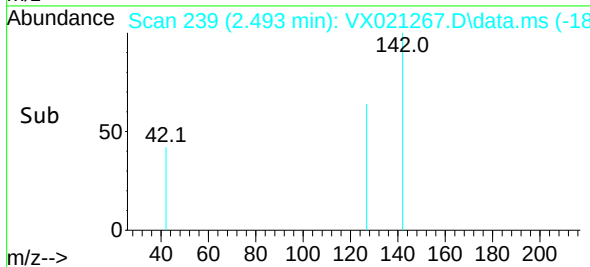
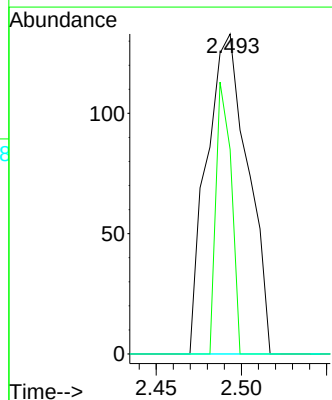
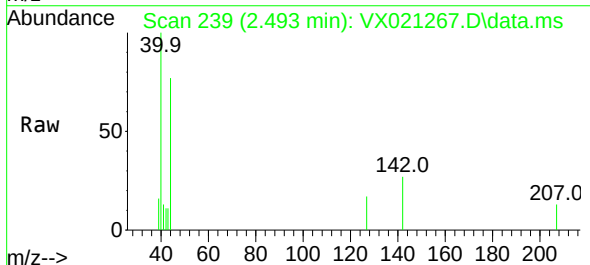


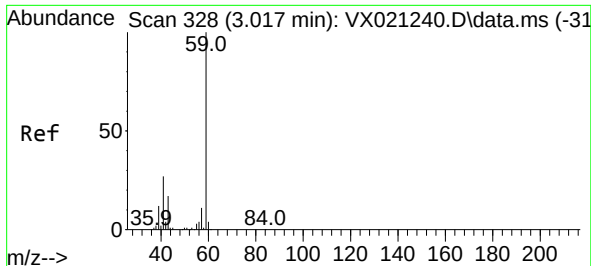
Tgt Ion: 94 Resp: 414
Ion Ratio Lower Upper
94 100
96 71.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

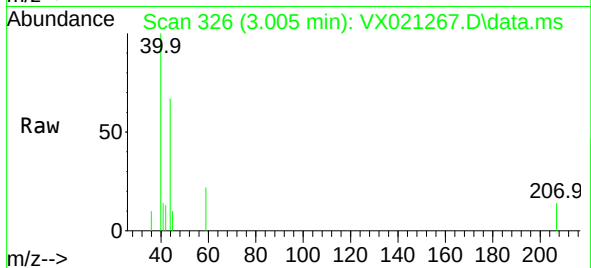
Tgt Ion: 142 Resp: 223
Ion Ratio Lower Upper
142 100
127 31.4 33.3 49.9#
141 0.0 11.4 17.0#



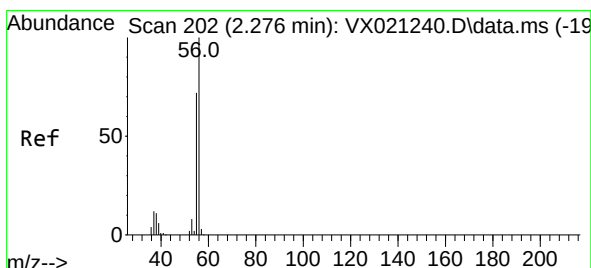
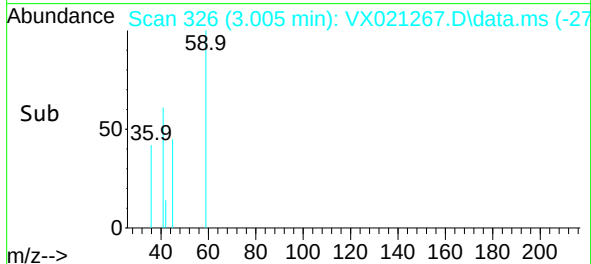
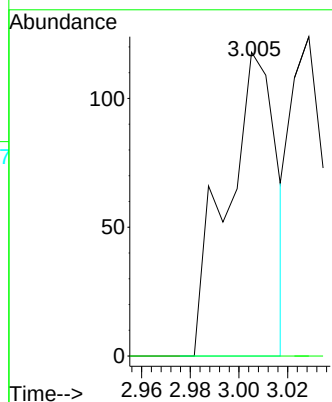


#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Instrument :
MSVOA_X
ClientSampled :

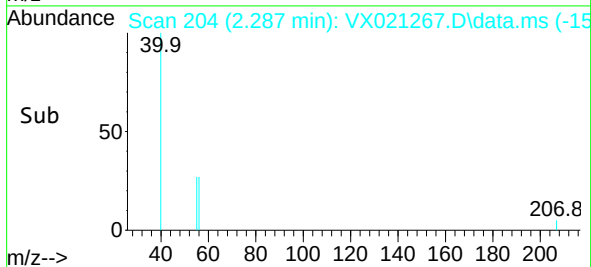
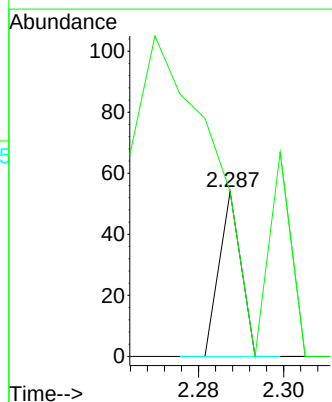
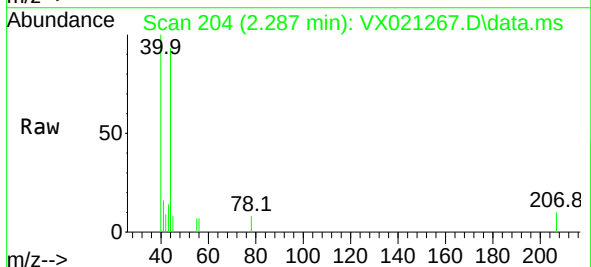


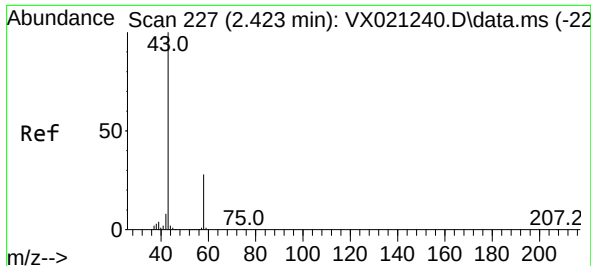
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.23 ug/l
RT: 2.287 min Scan# 204
Delta R.T. 0.011 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 721.1 56.4 84.6#

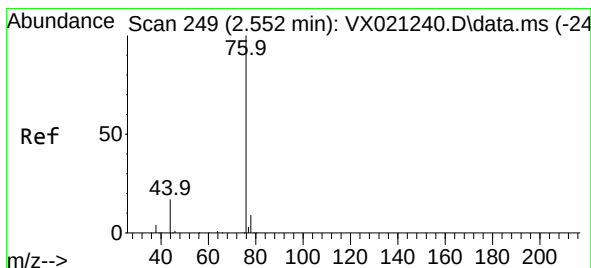
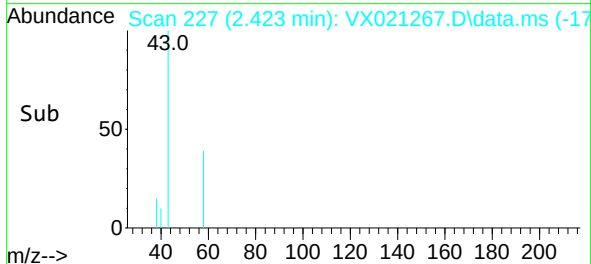
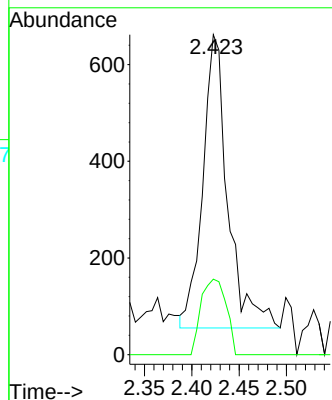
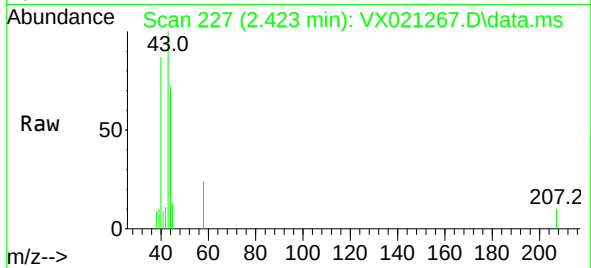




#16
Acetone
Concen: 1.65 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

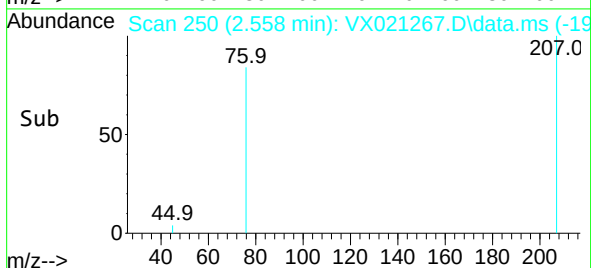
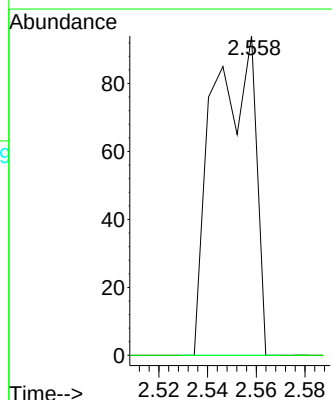
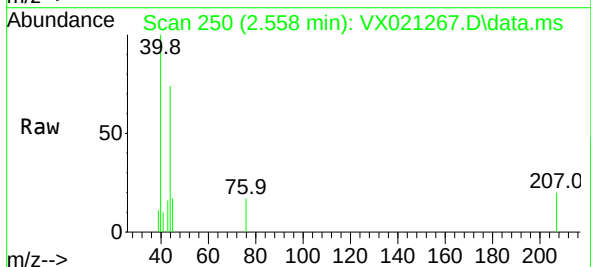
Instrument :
MSVOA_X
ClientSampled :

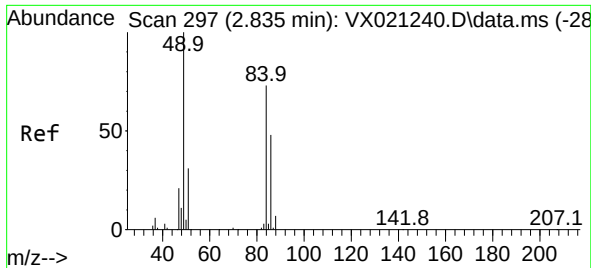
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 25.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.57 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

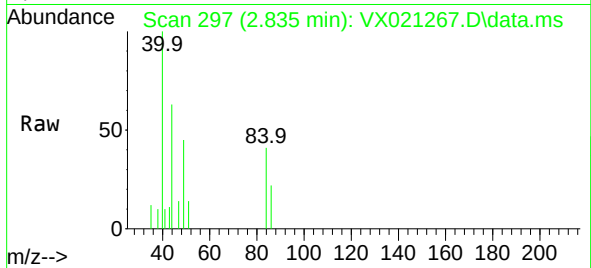
Tgt Ion: 76 Resp: 113
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



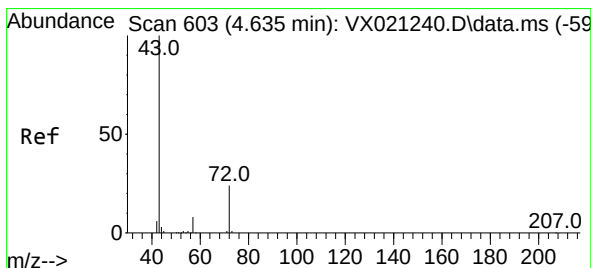
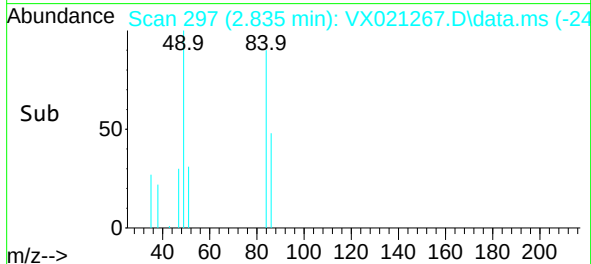
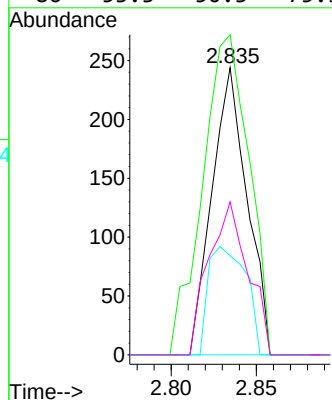


#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Instrument :
MSVOA_X
ClientSampled :

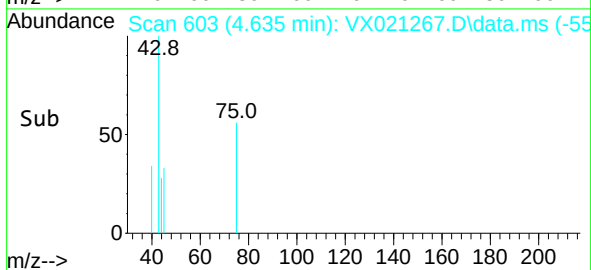
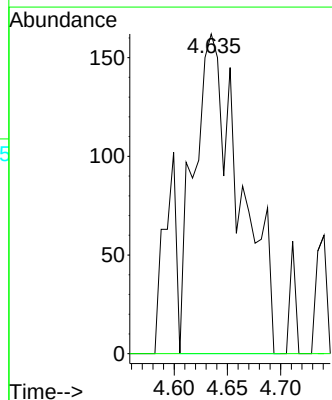
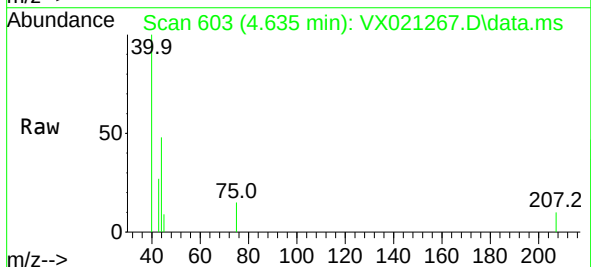


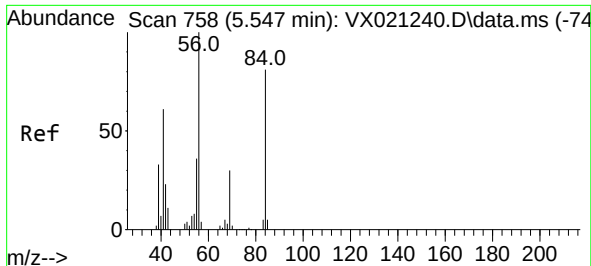
Tgt Ion:	84	Resp:	350
Ion	Ratio	Lower	Upper
84	100		
49	111.5	88.6	132.8
51	34.4	27.0	40.6
86	53.3	50.3	75.5



#25
2-Butanone
Concen: 0.47 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

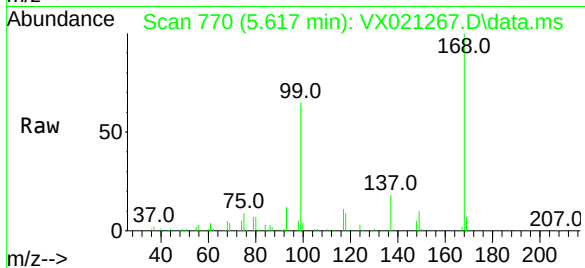
Tgt Ion:	43	Resp:	490
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



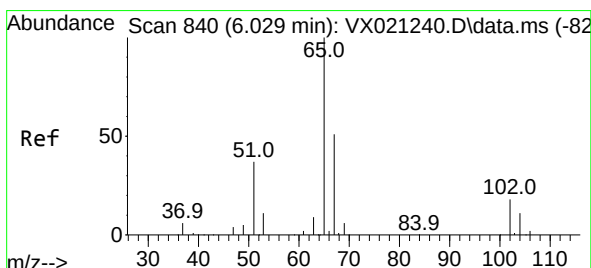
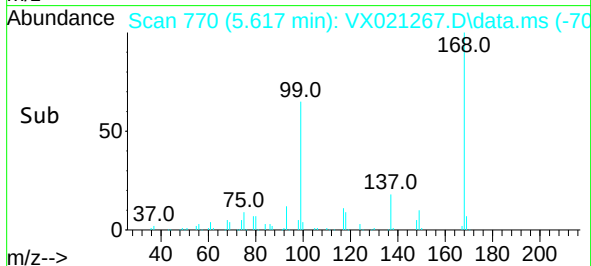
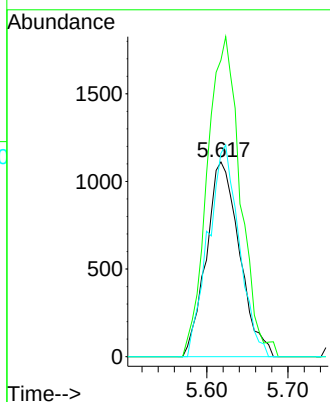


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Instrument :
MSVOA_X
ClientSampled :

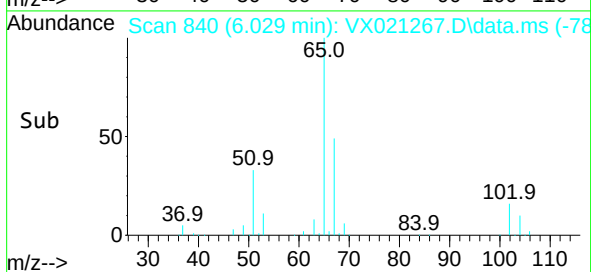
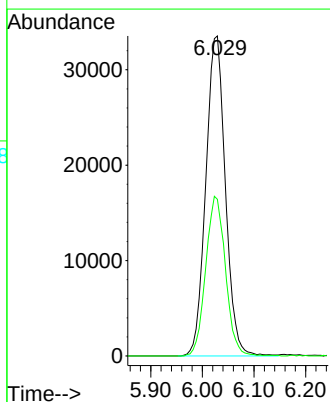
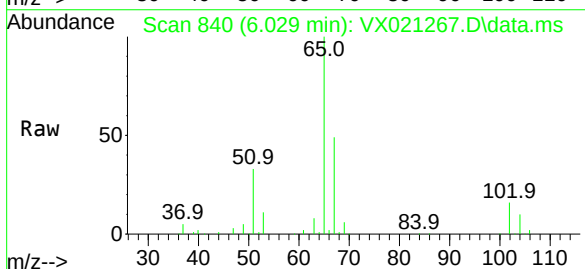


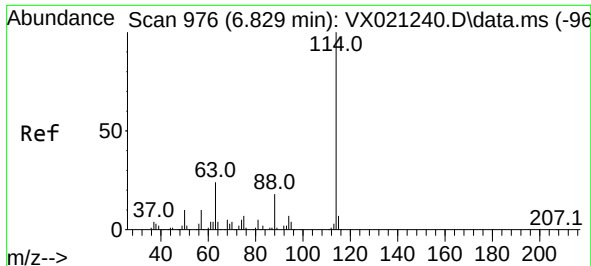
Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 152.3 25.3 37.9#
84 104.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.00 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

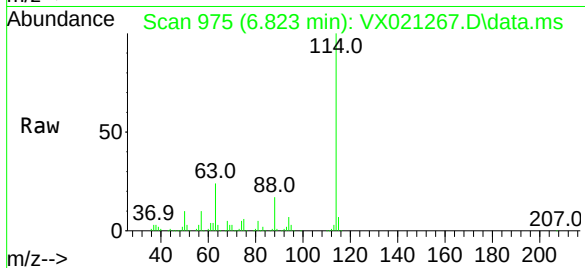
Tgt Ion: 65 Resp: 88357
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4



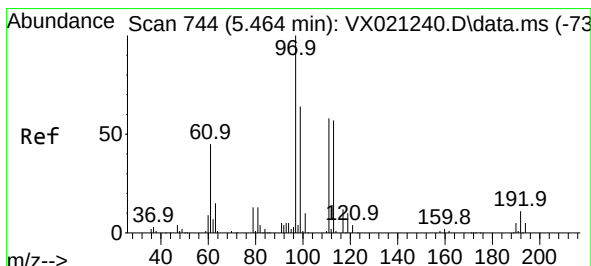
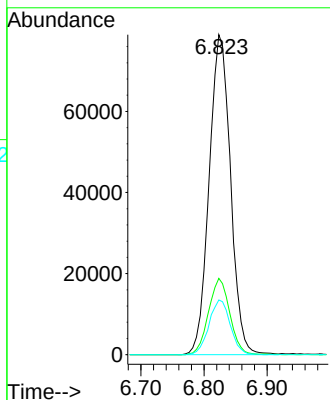
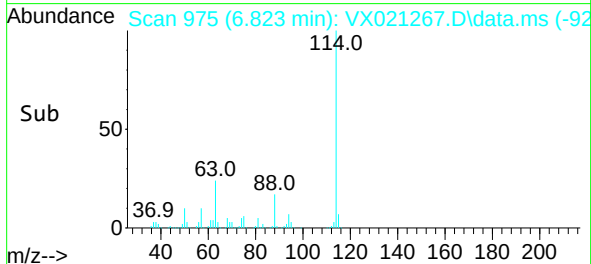


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.006 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

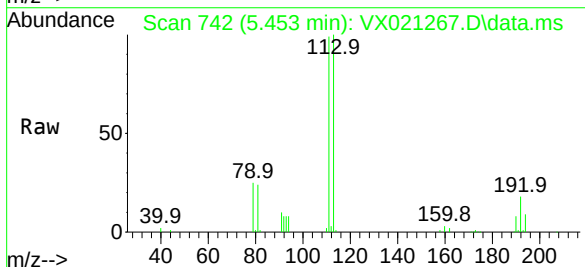
Instrument :
MSVOA_X
ClientSampleId :



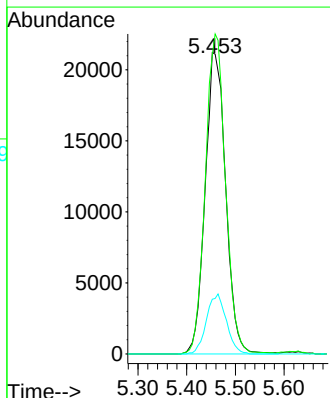
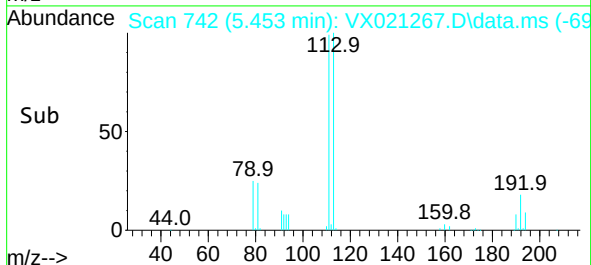
Tgt Ion:114 Resp: 185774
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 17.1 0.0 32.8

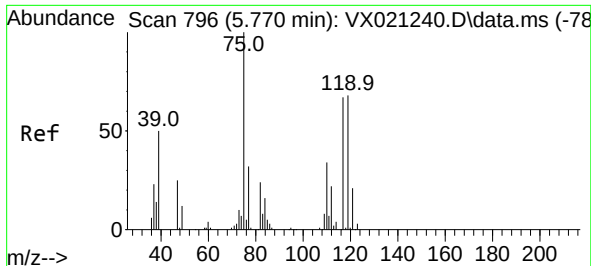


#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 5.453 min Scan# 742
Delta R.T. -0.011 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00



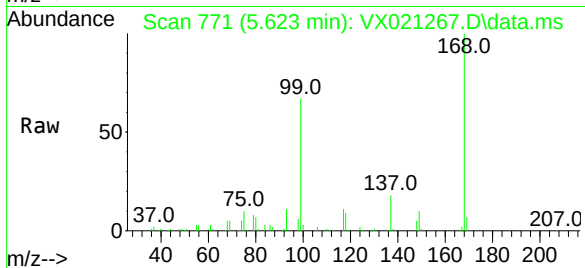
Tgt Ion:113 Resp: 62303
Ion Ratio Lower Upper
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111 104.0 81.9 122.9
192 19.2 16.7 25.1



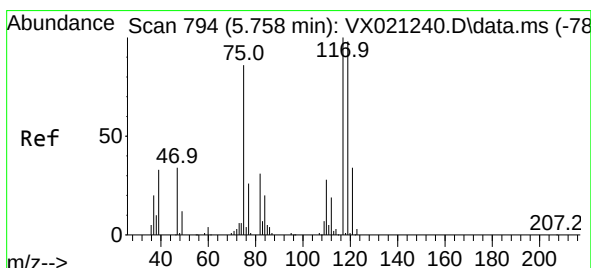
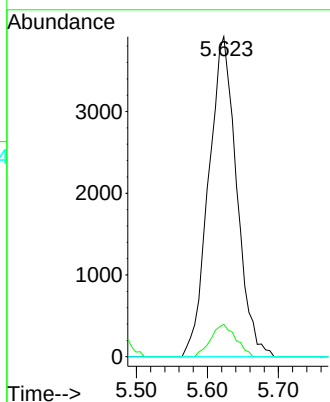
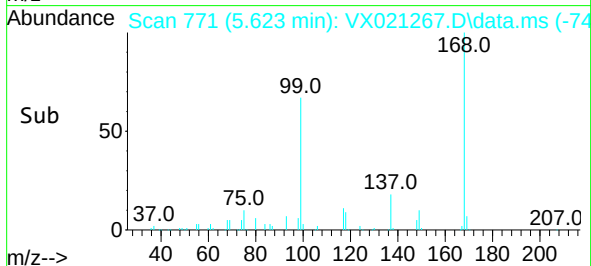


#36
 1,1-Dichloropropene
 Concen: 5.73 ug/l
 RT: 5.623 min Scan# 771
 Delta R.T. -0.147 min
 Lab File: VX021267.D
 Acq: 17 Mar 2021 14:00

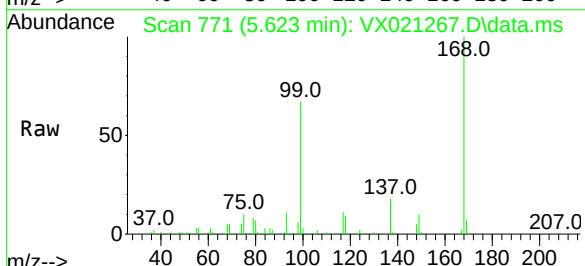
Instrument :
 MSVOA_X
 ClientSampleId :



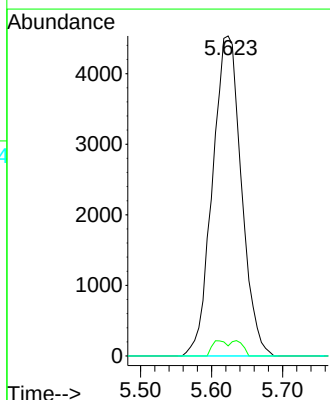
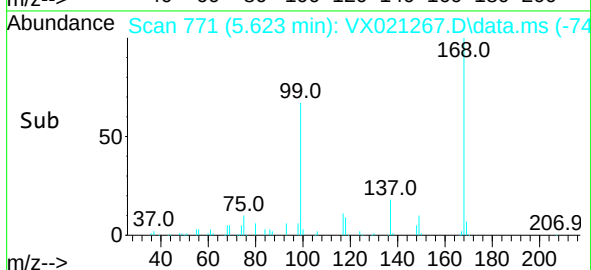
Tgt Ion: 75 Resp: 10721
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.4#
 77 0.0 25.3 37.9#

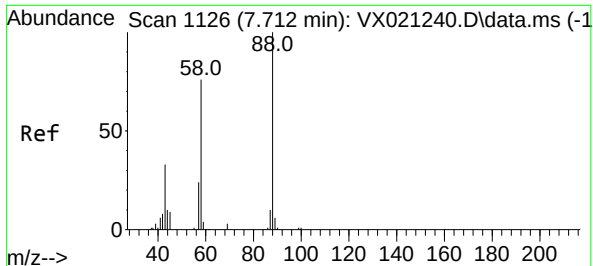


#38
 Carbon Tetrachloride
 Concen: 6.59 ug/l
 RT: 5.623 min Scan# 771
 Delta R.T. -0.135 min
 Lab File: VX021267.D
 Acq: 17 Mar 2021 14:00



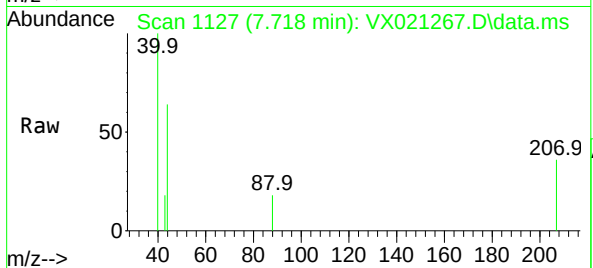
Tgt Ion: 117 Resp: 12804
 Ion Ratio Lower Upper
 117 100
 119 3.2 76.2 114.2#
 121 0.0 24.8 37.2#



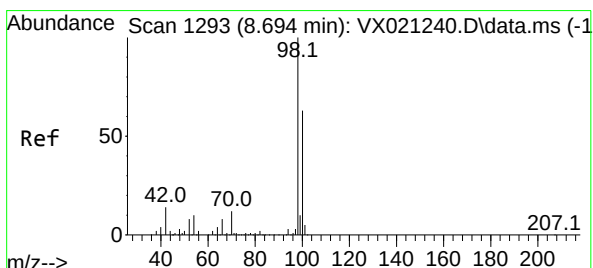
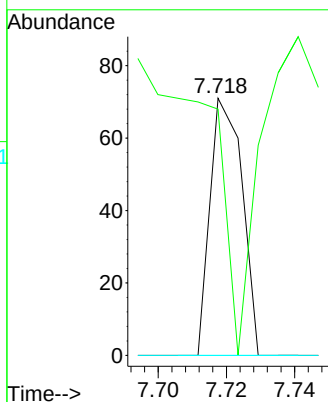
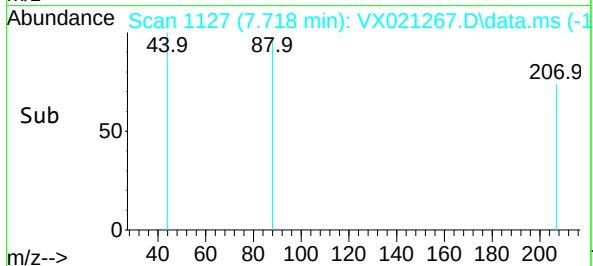


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.718 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

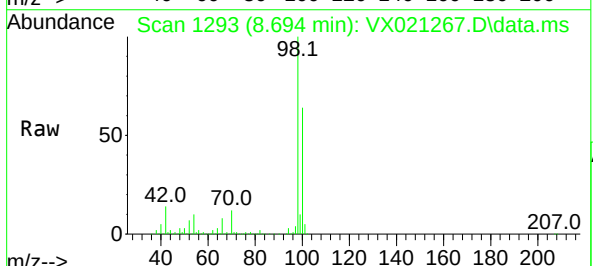
Instrument :
MSVOA_X
ClientSampled :



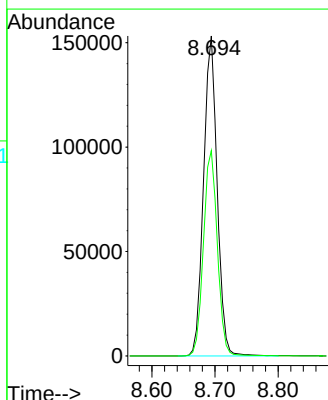
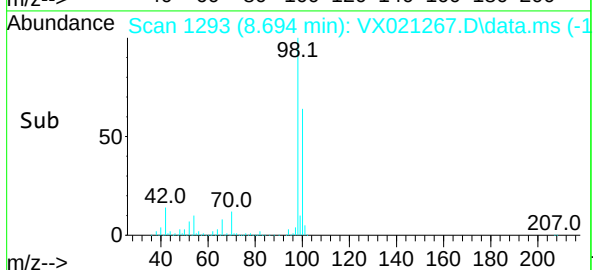
Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

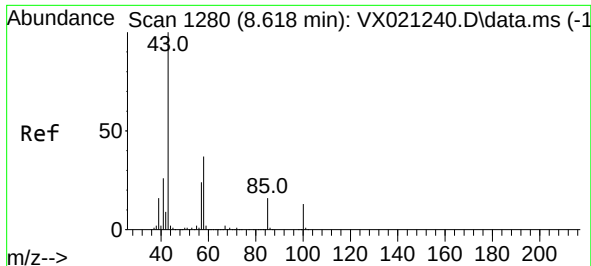


#50
Toluene-d8
Concen: 50.19 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00



Tgt Ion: 98 Resp: 230199
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

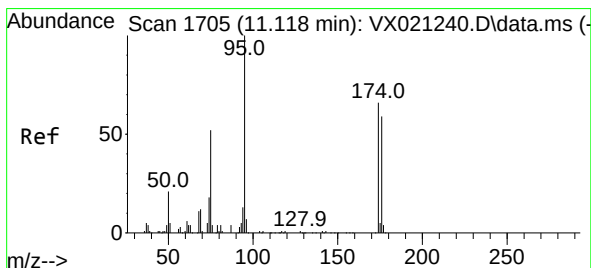
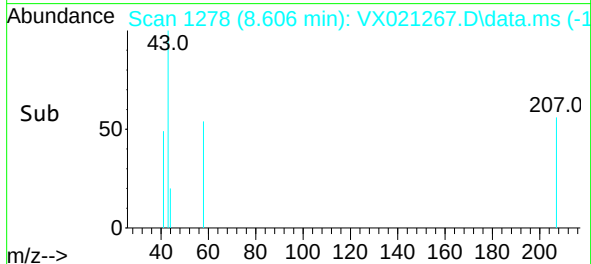
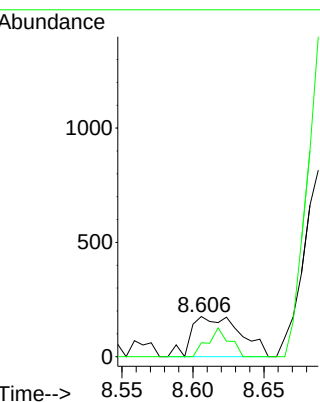
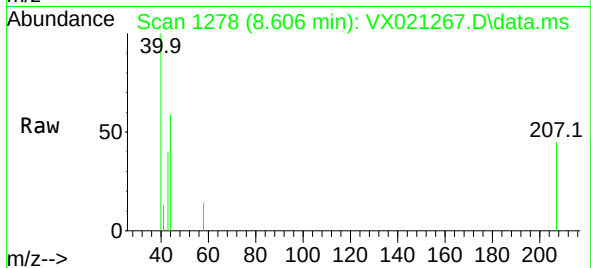




#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 8.606 min Scan# 1278
Delta R.T. -0.012 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

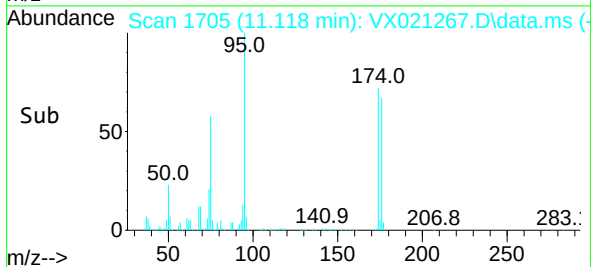
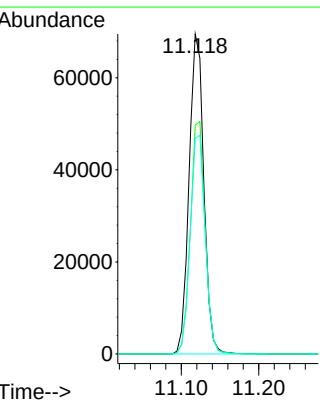
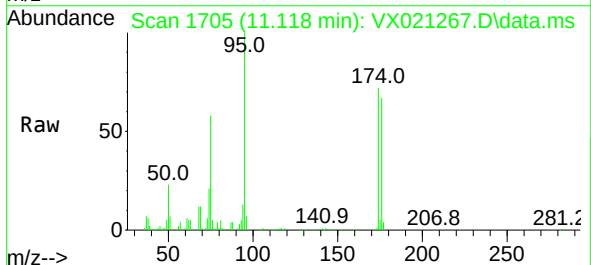
Instrument :
MSVOA_X
ClientSampled :

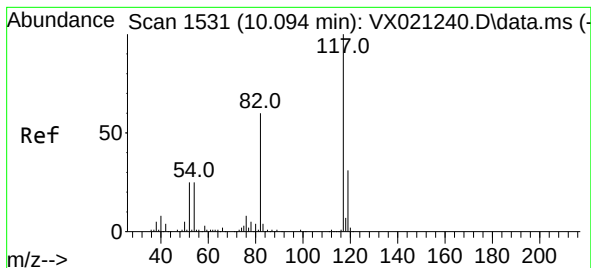
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
58 31.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.44 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Tgt Ion: 95 Resp: 91635
Ion Ratio Lower Upper
95 100
174 72.9 0.0 154.6
176 69.6 0.0 155.8

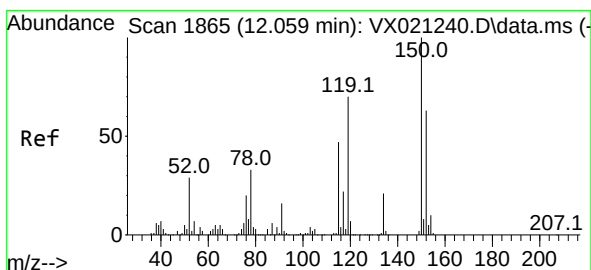
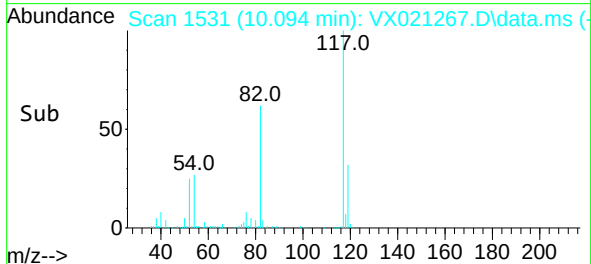
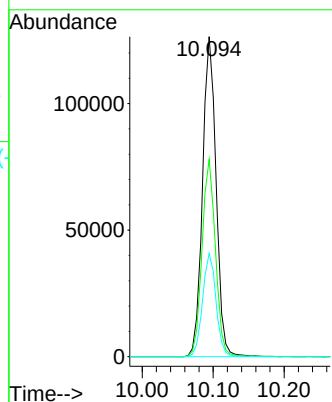
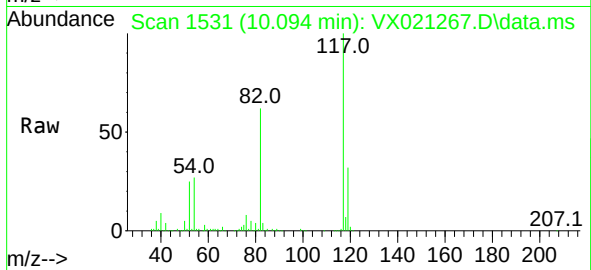




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

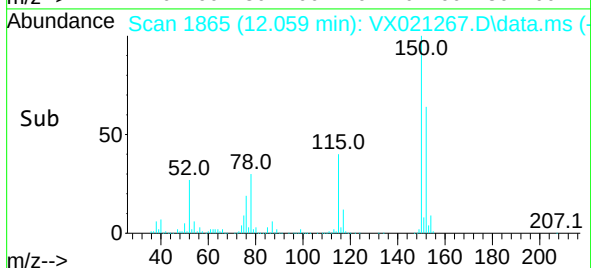
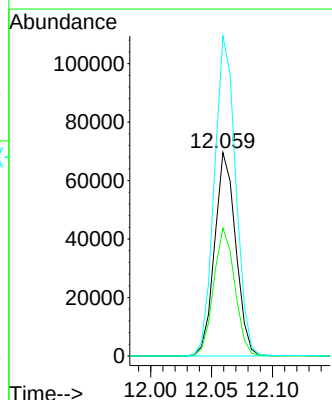
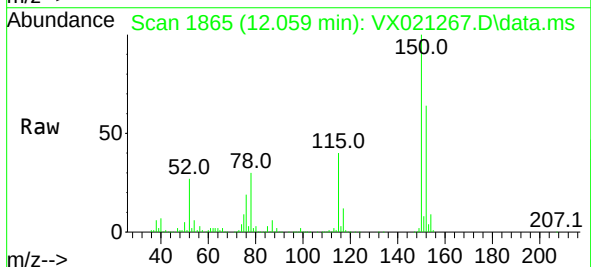
Instrument :
MSVOA_X
ClientSampleId :

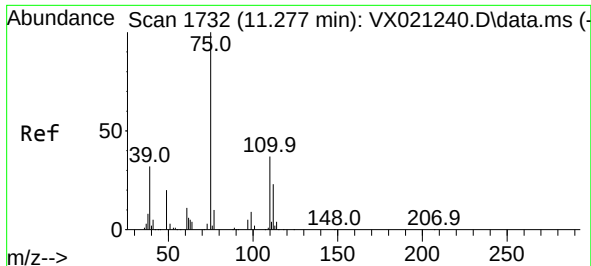
Tgt Ion:117 Resp: 168229
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Tgt Ion:152 Resp: 83813
Ion Ratio Lower Upper
152 100
115 63.0 41.1 123.3
150 159.4 0.0 349.0

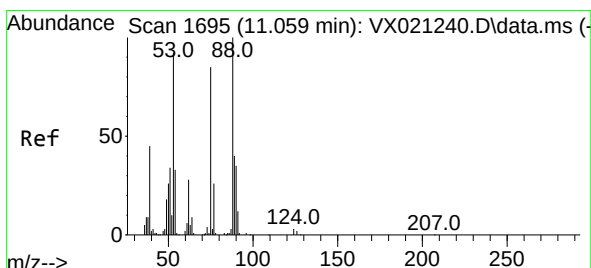
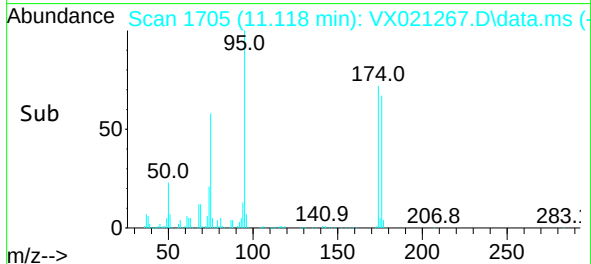
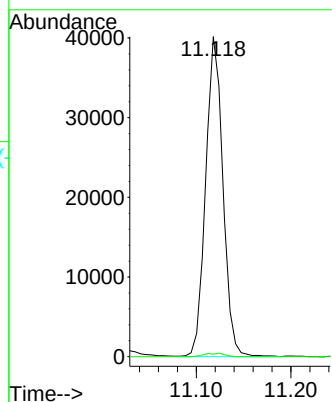
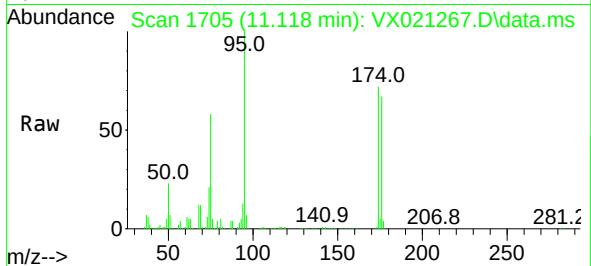




#76
1,2,3-Trichloropropane
Concen: 26.18 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50898
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.08 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021267.D
Acq: 17 Mar 2021 14:00

Tgt Ion: 75 Resp: 50898
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

