

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021603.D
 Acq On : 30 Mar 2021 02:14
 Operator : JC/MD
 Sample : M1843-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 30 05:23:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

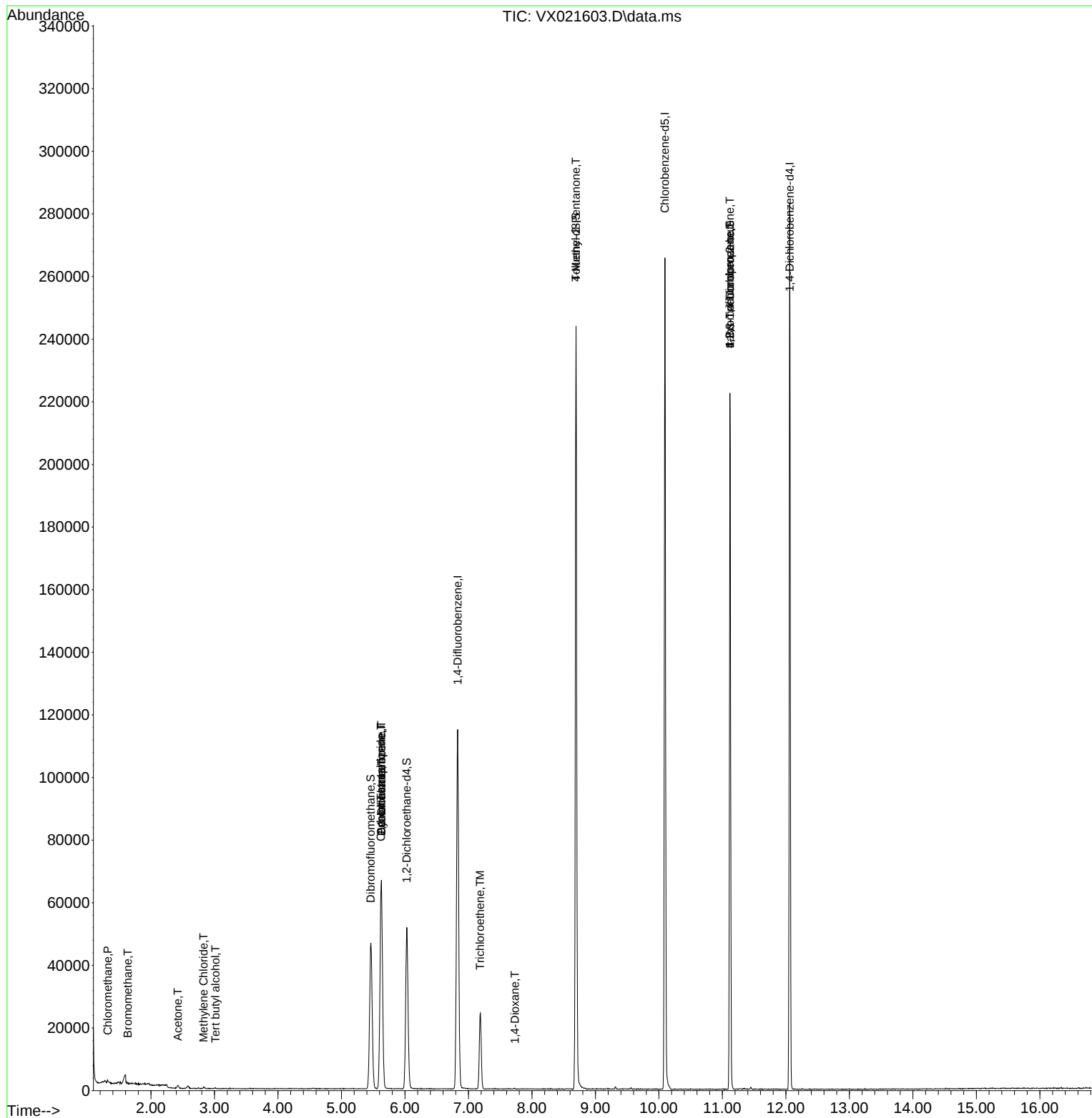
Internal Standards						
1) Pentafluorobenzene	5.629	168	57129	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	105760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50371	52.99	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.98%
35) Dibromofluoromethane	5.458	113	37934	50.50	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.00%
50) Toluene-d8	8.694	98	135243	50.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.04%
62) 4-Bromofluorobenzene	11.118	95	56182	53.98	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.96%
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1506	2.13	ug/l	# 86
5) Bromomethane	1.634	94	79	0.31	ug/l	81
11) Tert butyl alcohol	3.017	59	93	0.59	ug/l	# 73
16) Acetone	2.423	43	941	2.62	ug/l	# 78
20) Methylene Chloride	2.829	84	147	0.21	ug/l	# 35
31) Cyclohexane	5.629	56	1739	1.66	ug/l	# 33
36) 1,1-Dichloropropene	5.629	75	5292	5.11	ug/l	# 49
38) Carbon Tetrachloride	5.623	117	6241	5.60	ug/l	# 18
44) Trichloroethene	7.182	130	8748	11.27	ug/l	96
49) 1,4-Dioxane	7.729	88	151	8.13	ug/l	# 58
51) 4-Methyl-2-Pentanone	8.694	43	737	0.62	ug/l	# 1
76) 1,2,3-Trichloropropane	11.118	75	32031	26.63	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	32031	81.10	ug/l	# 12

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

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Instrument :
MSVOA_X
ClientSampleId :

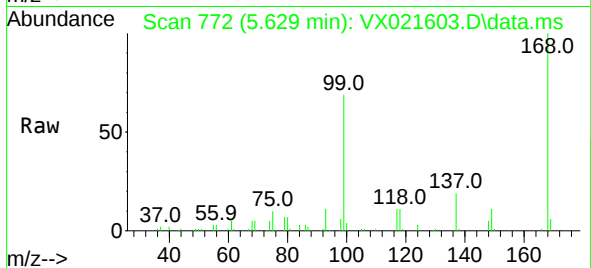
Quant Time: Mar 30 05:23:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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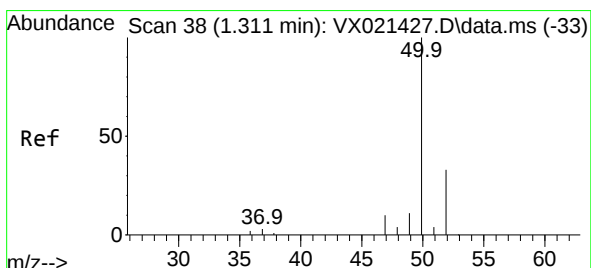
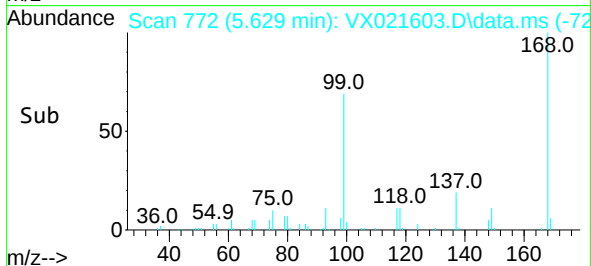
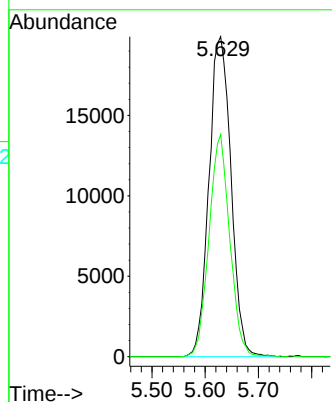


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

Instrument :
MSVOA_X
ClientSampleId :

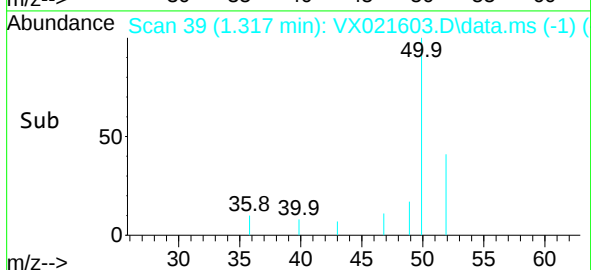
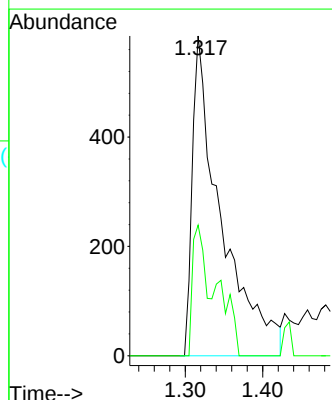
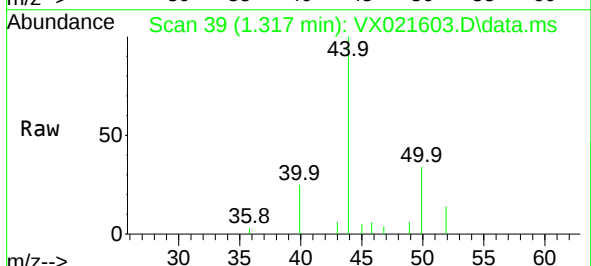


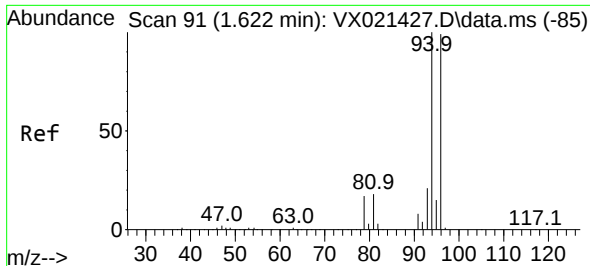
Tgt Ion:168 Resp: 57129
Ion Ratio Lower Upper
168 100
99 69.5 45.8 68.6#



#3
Chloromethane
Concen: 2.13 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

Tgt Ion: 50 Resp: 1506
Ion Ratio Lower Upper
50 100
52 40.9 26.4 39.6#

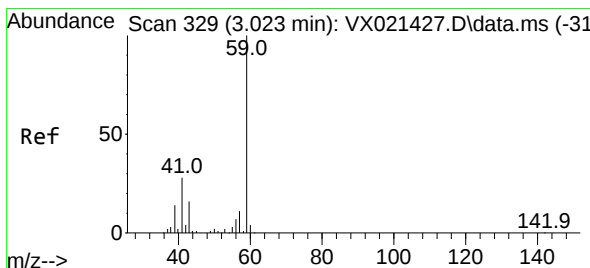
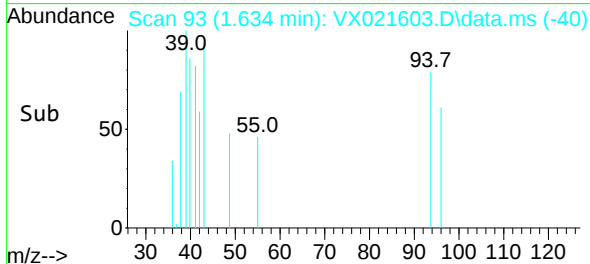
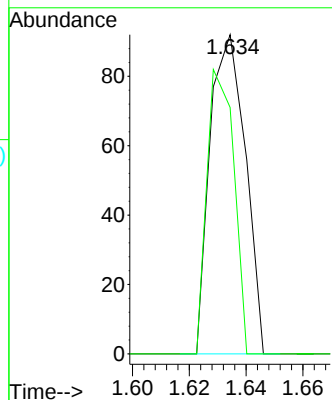
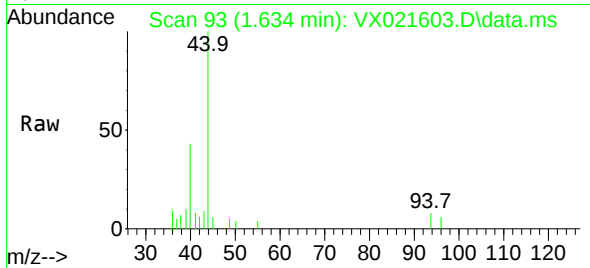




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

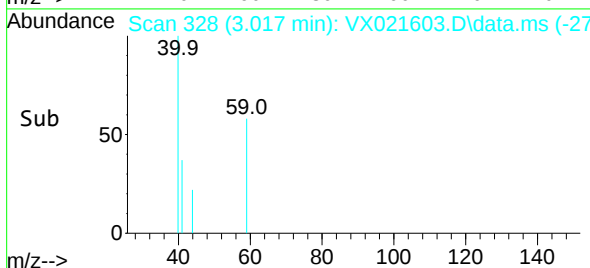
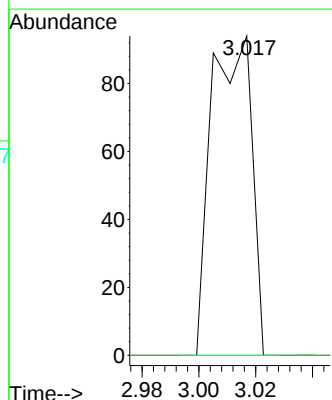
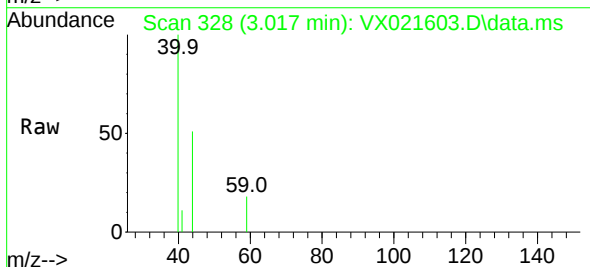
Instrument :
MSVOA_X
ClientSampled :

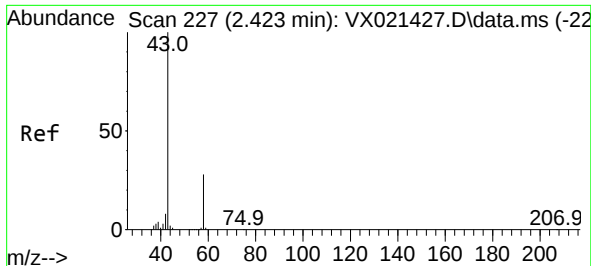
Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 77.2 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.59 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

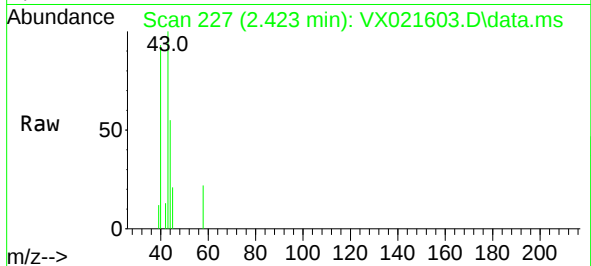
Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



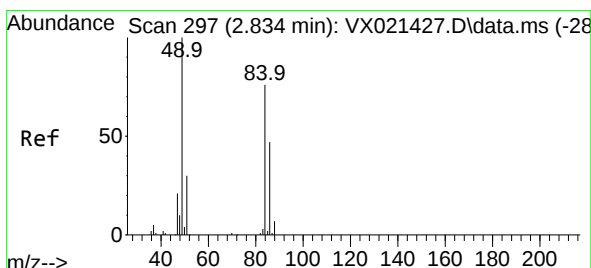
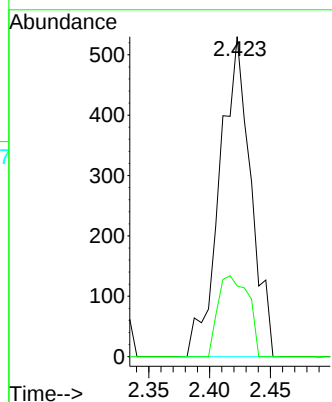
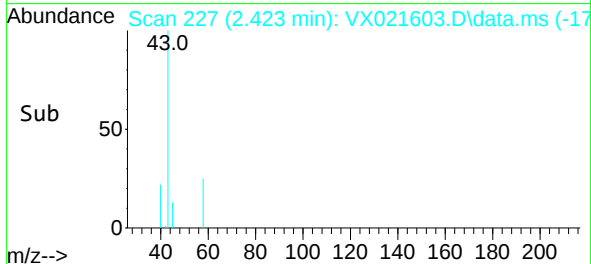


#16
Acetone
Concen: 2.62 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

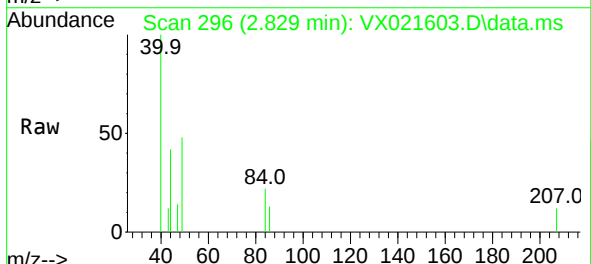
Instrument :
MSVOA_X
ClientSampled :



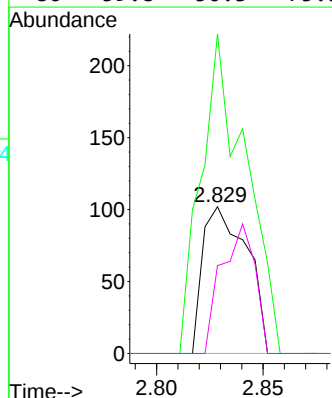
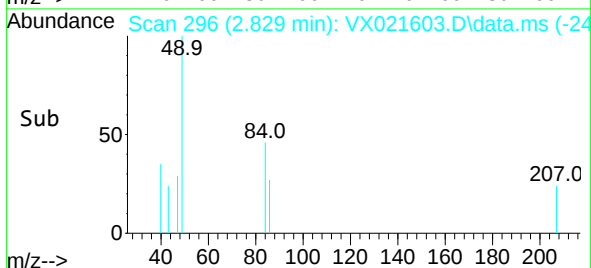
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 22.1 27.8 41.8#

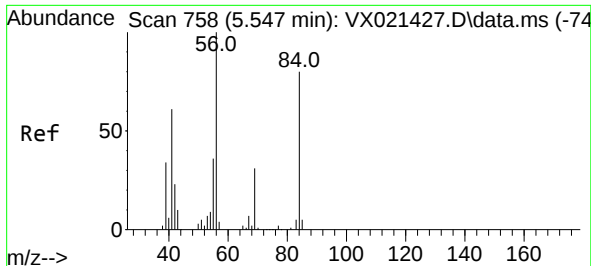


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14



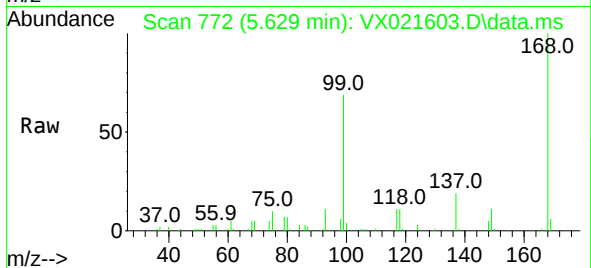
Tgt Ion: 84 Resp: 147
Ion Ratio Lower Upper
84 100
49 217.6 88.6 132.8#
51 0.0 27.0 40.6#
86 59.8 50.3 75.5



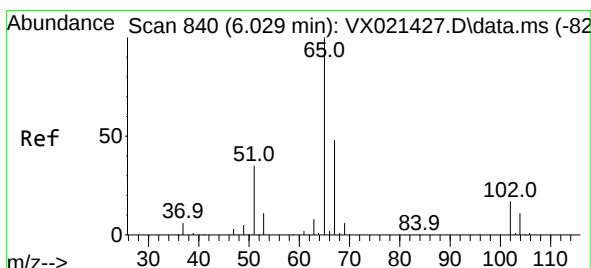
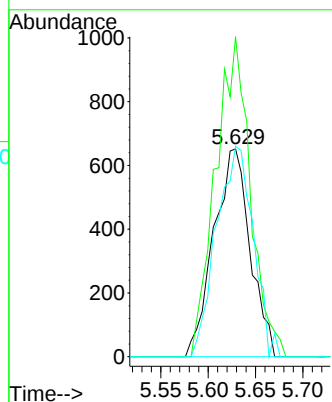
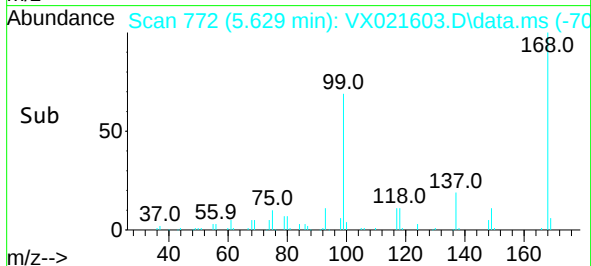


#31
Cyclohexane
Concen: 1.66 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

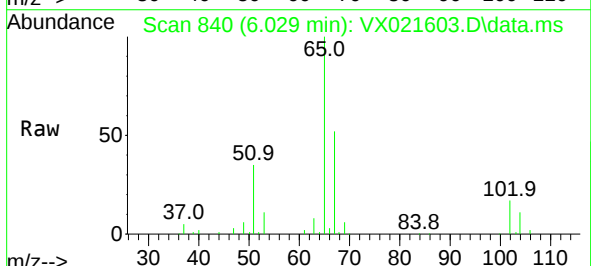
Instrument :
MSVOA_X
ClientSampled :



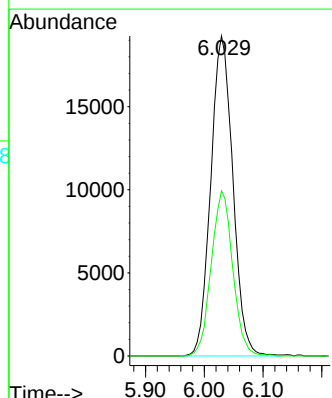
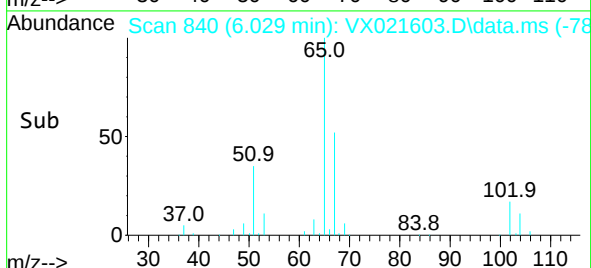
Tgt Ion: 56 Resp: 1739
Ion Ratio Lower Upper
56 100
69 154.0 25.3 37.9#
84 101.2 71.4 107.0

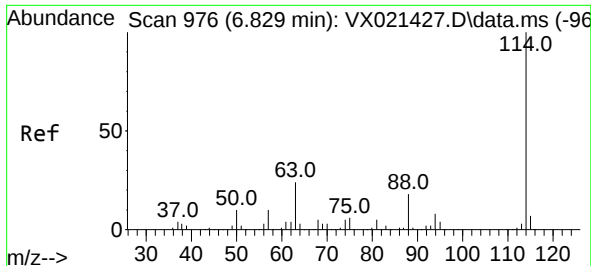


#33
1,2-Dichloroethane-d4
Concen: 52.99 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14



Tgt Ion: 65 Resp: 50371
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

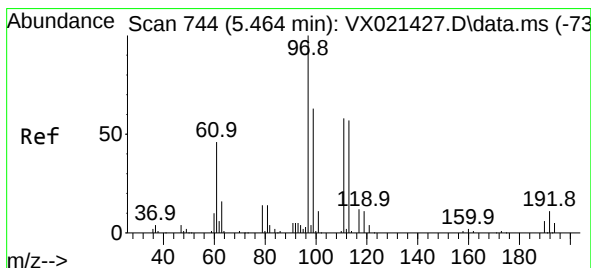
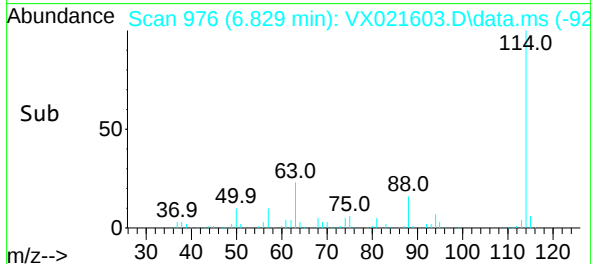
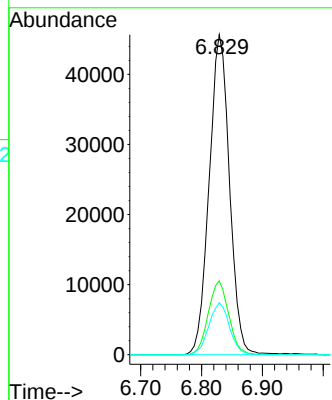
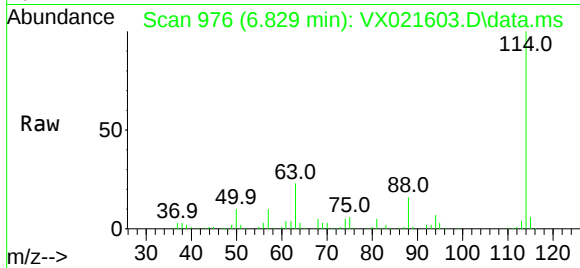




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

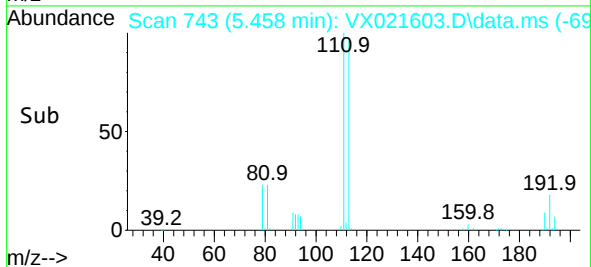
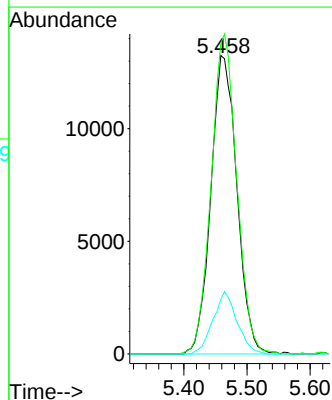
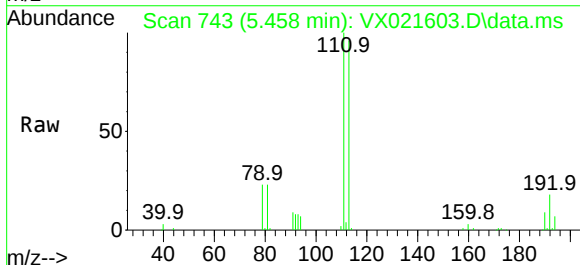
Instrument :
MSVOA_X
ClientSampled :

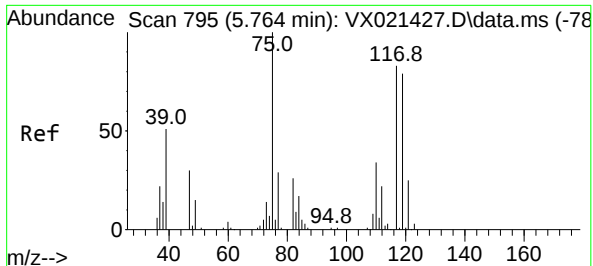
Tgt Ion:114 Resp: 105760
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.50 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

Tgt Ion:113 Resp: 37934
Ion Ratio Lower Upper
113 100
111 105.4 81.9 122.9
192 19.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.11 ug/l

RT: 5.629 min Scan# 772

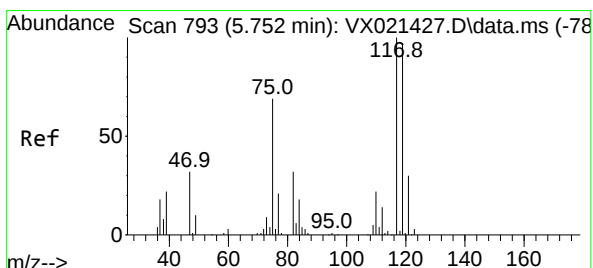
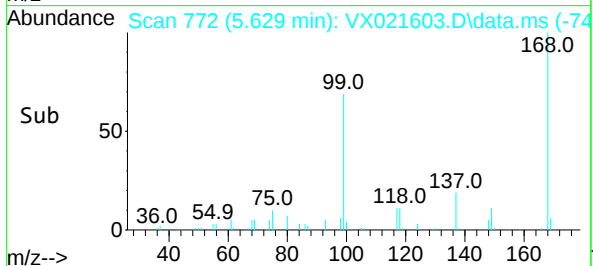
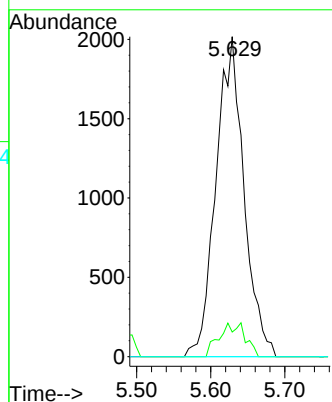
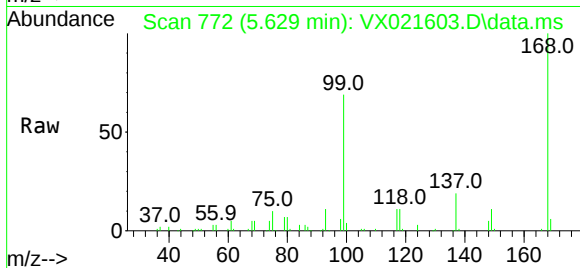
Delta R.T. -0.135 min

Lab File: VX021603.D

Acq: 30 Mar 2021 02:14

Tgt Ion:	75	Resp:	5292
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.60 ug/l

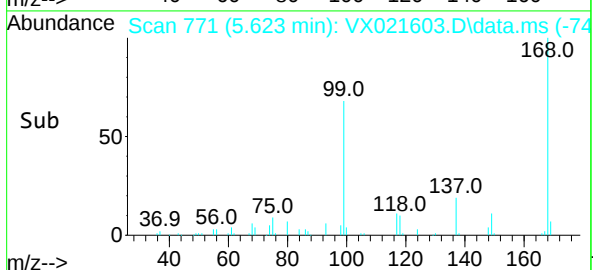
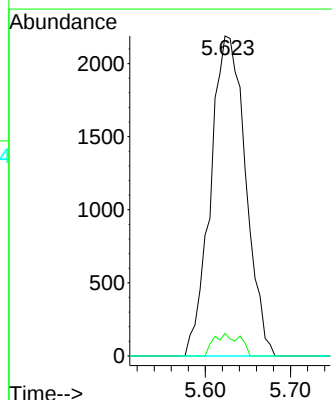
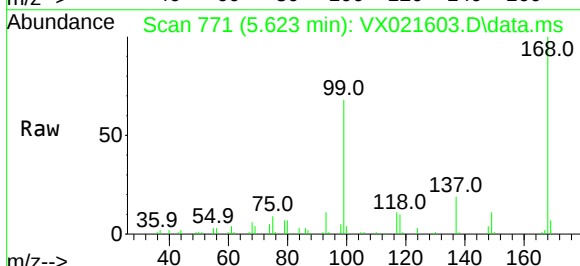
RT: 5.623 min Scan# 771

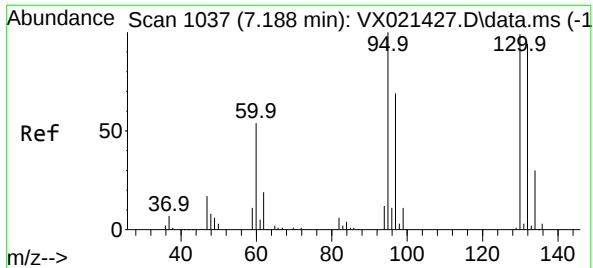
Delta R.T. -0.129 min

Lab File: VX021603.D

Acq: 30 Mar 2021 02:14

Tgt Ion:	117	Resp:	6241
Ion	Ratio	Lower	Upper
117	100		
119	7.0	76.2	114.2#
121	0.0	24.8	37.2#

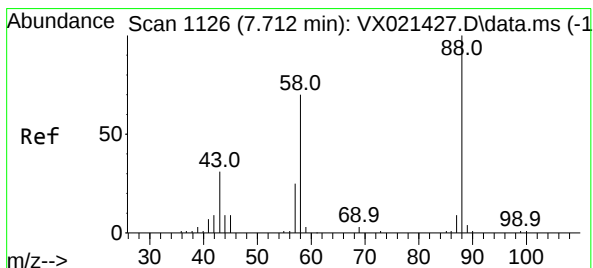
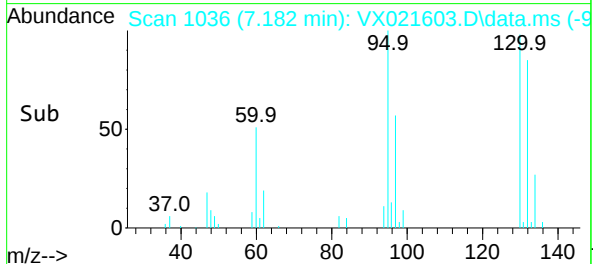
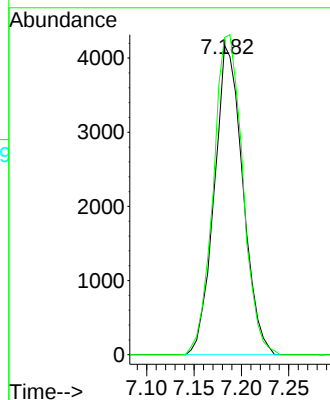
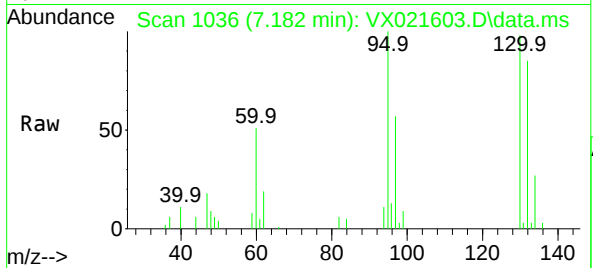




#44
Trichloroethene
Concen: 11.27 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

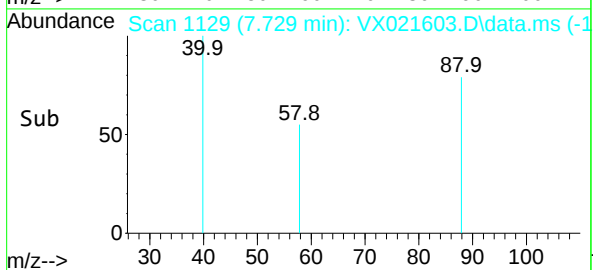
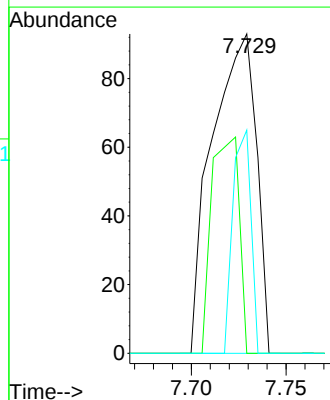
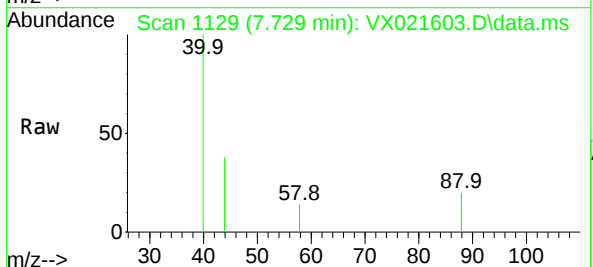
Instrument :
MSVOA_X
ClientSampled :

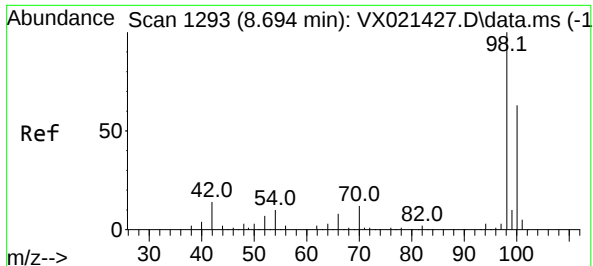
Tgt Ion:130 Resp: 8748
Ion Ratio Lower Upper
130 100
95 102.5 0.0 198.0



#49
1,4-Dioxane
Concen: 8.13 ug/l
RT: 7.729 min Scan# 1129
Delta R.T. 0.017 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

Tgt Ion: 88 Resp: 151
Ion Ratio Lower Upper
88 100
43 42.4 23.2 34.8#
58 28.5 55.0 82.4#





#50

Toluene-d8

Concen: 50.52 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021603.D

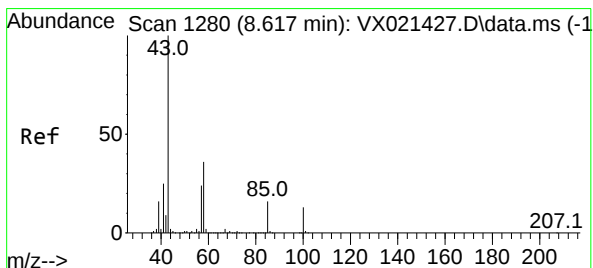
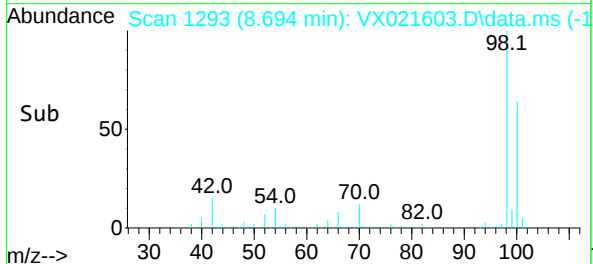
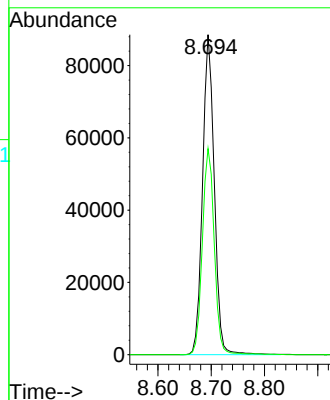
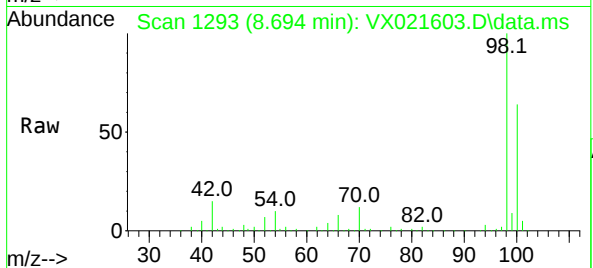
Acq: 30 Mar 2021 02:14

Tgt Ion: 98 Resp: 135243

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.62 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021603.D

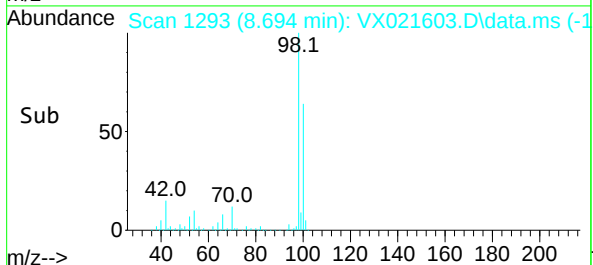
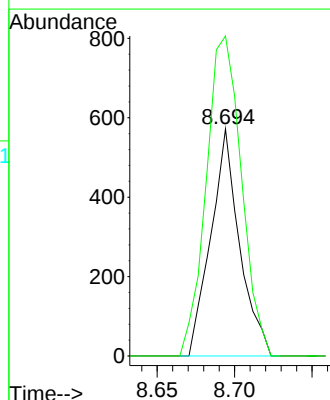
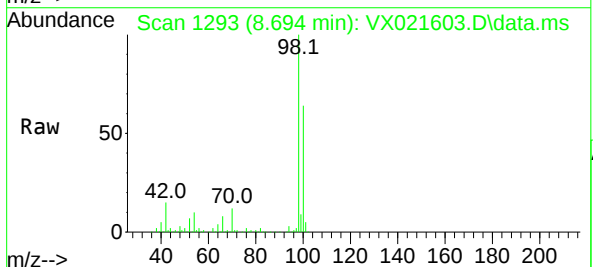
Acq: 30 Mar 2021 02:14

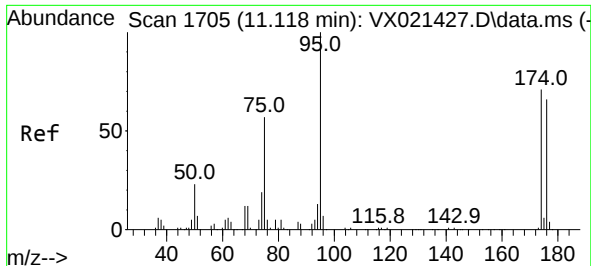
Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 172.7 35.4 53.0#

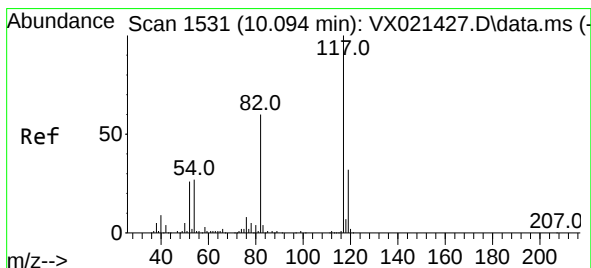
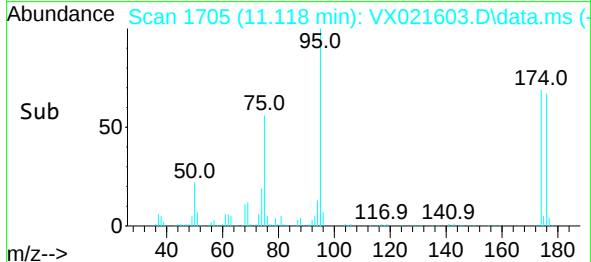
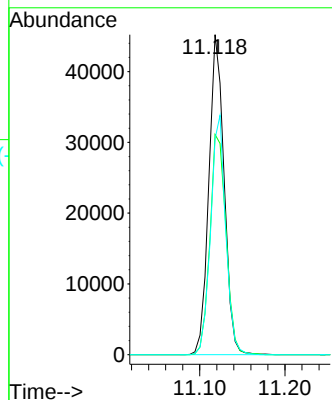
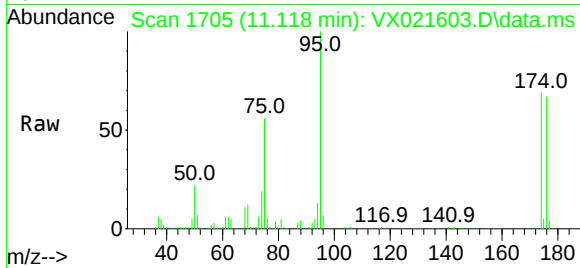




#62
4-Bromofluorobenzene
Concen: 53.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

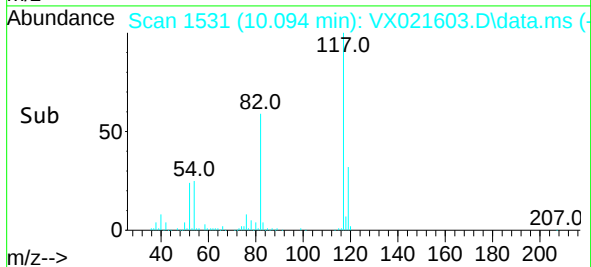
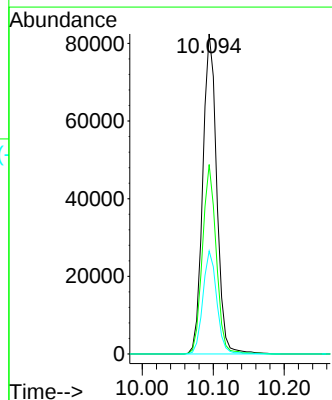
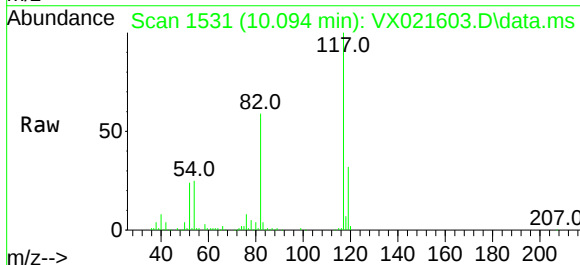
Instrument :
MSVOA_X
ClientSampleId :

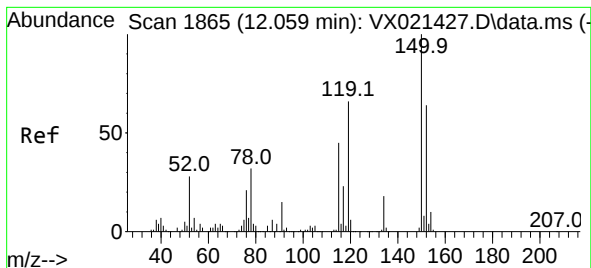
Tgt Ion: 95 Resp: 56182
Ion Ratio Lower Upper
95 100
174 72.9 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

Tgt Ion: 117 Resp: 113219
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.2 26.6 39.8

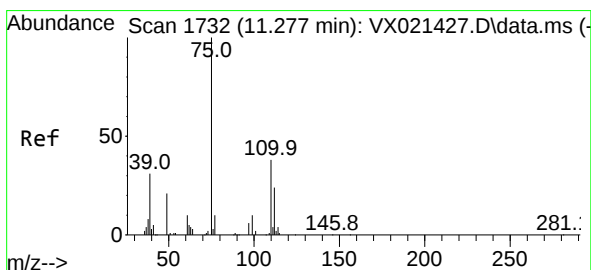
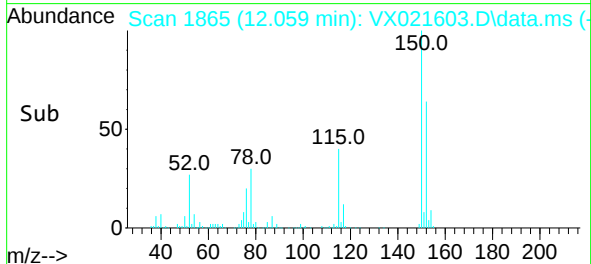
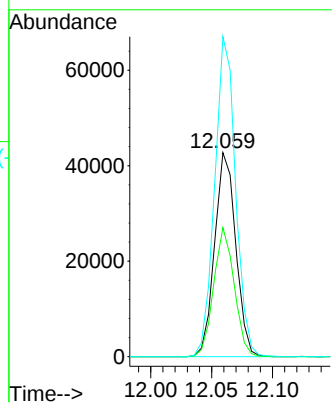
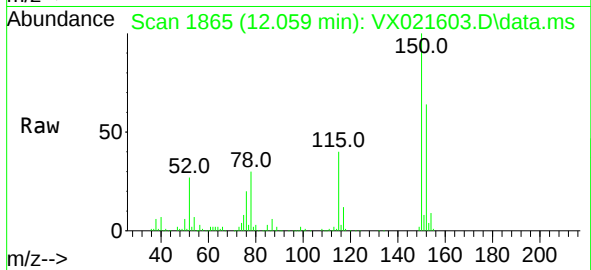




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

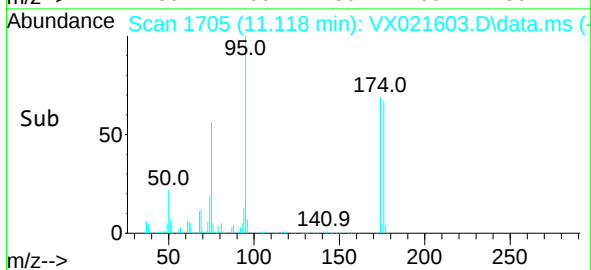
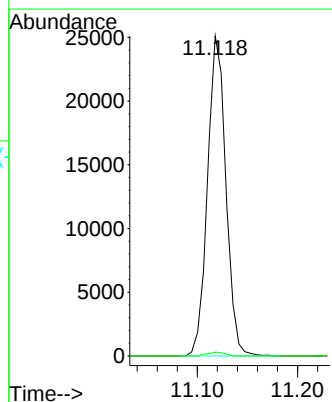
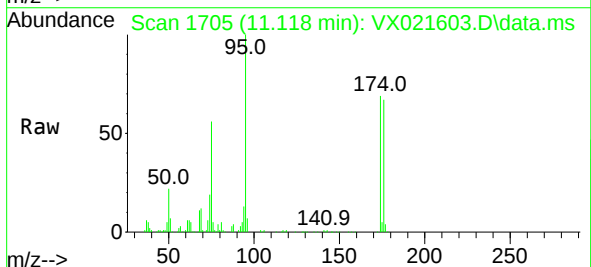
Instrument :
MSVOA_X
ClientSampleId :

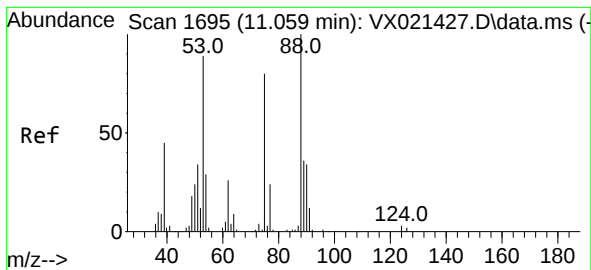
Tgt Ion:152 Resp: 51674
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 154.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.63 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021603.D
Acq: 30 Mar 2021 02:14

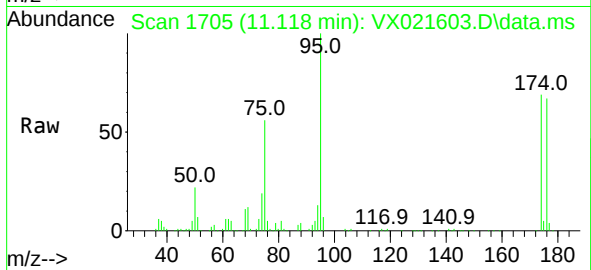
Tgt Ion: 75 Resp: 32031
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.10 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021603.D
 Acq: 30 Mar 2021 02:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 32031
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

