

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021195.D
 Acq On : 15 Mar 2021 13:22
 Operator : JC/MD
 Sample : VX0315WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBL01

Quant Time: Mar 16 02:59:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	75296	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	138906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	136660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56232	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	64771	50.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.90%
35) Dibromofluoromethane	5.458	113	47987	50.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.42%
50) Toluene-d8	8.694	98	179583	52.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.62%
62) 4-Bromofluorobenzene	11.118	95	70512	53.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.80%

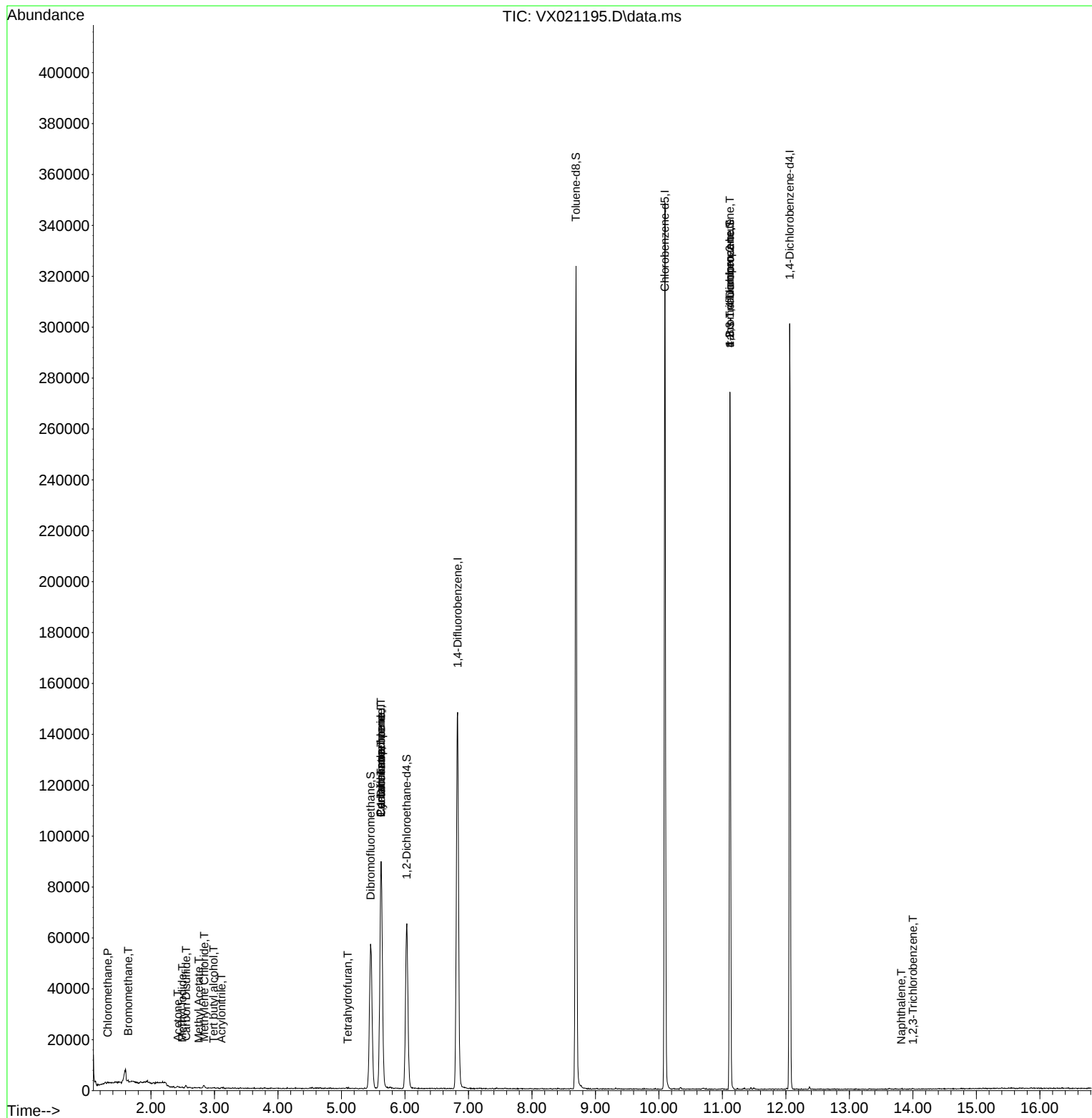
Target Compounds						Qvalue
3) Chloromethane	1.317	50	254	0.26	ug/l	# 68
5) Bromomethane	1.640	94	272	0.49	ug/l	# 56
10) Methyl Iodide	2.493	142	228	0.21	ug/l	# 90
11) Tert butyl alcohol	2.987	59	128	0.57	ug/l	# 73
15) Acrylonitrile	3.111	53	131	0.27	ug/l	# 66
16) Acetone	2.423	43	572	1.11	ug/l	# 84
17) Carbon Disulfide	2.552	76	908	0.38	ug/l	# 76
18) Methyl Acetate	2.752	43	394	0.32	ug/l	# 47
20) Methylene Chloride	2.840	84	342	0.35	ug/l	# 86
29) Tetrahydrofuran	5.099	42	147	0.31	ug/l	# 27
31) Cyclohexane	5.623	56	2272	1.40	ug/l	# 10
36) 1,1-Dichloropropene	5.623	75	7237	4.97	ug/l	# 50
38) Carbon Tetrachloride	5.623	117	8597	5.38	ug/l	# 17
76) 1,2,3-Trichloropropane	11.118	75	39568	28.38	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	39568	80.54	ug/l	# 12
95) Naphthalene	13.818	128	312	1.54	ug/l	# 69
96) 1,2,3-Trichlorobenzene	14.001	180	77	0.99	ug/l	# 66

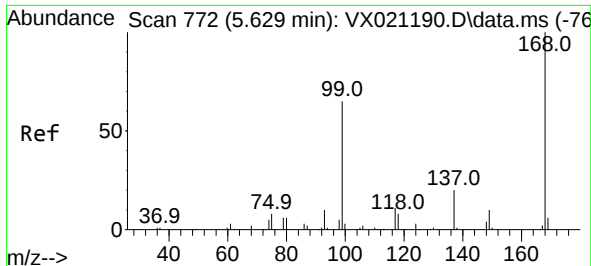
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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VX0315WBL01

Quant Time: Mar 16 02:59:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

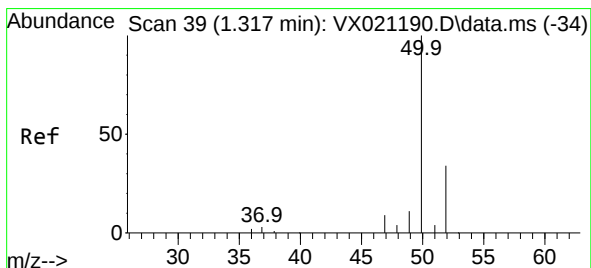
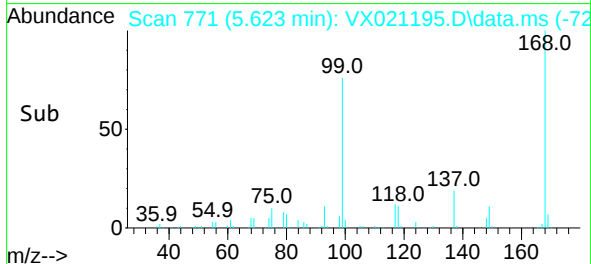
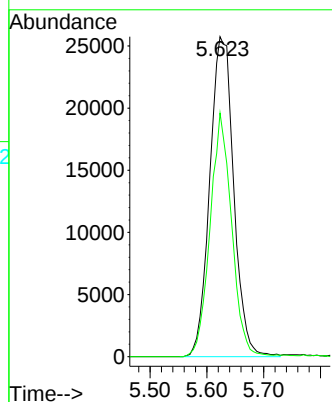
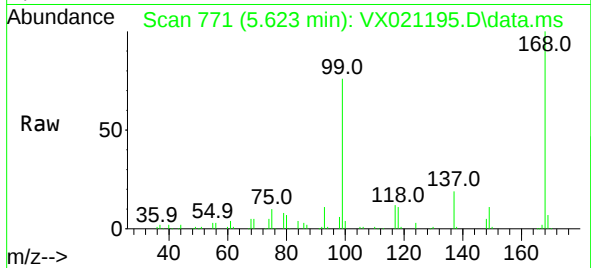




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

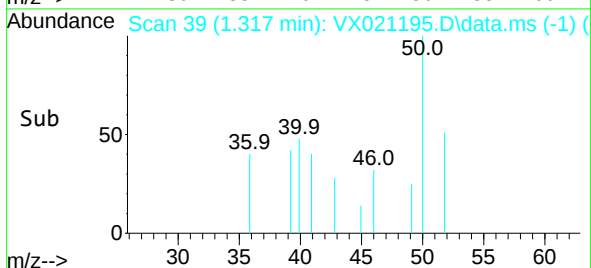
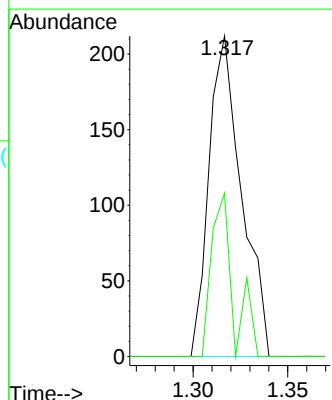
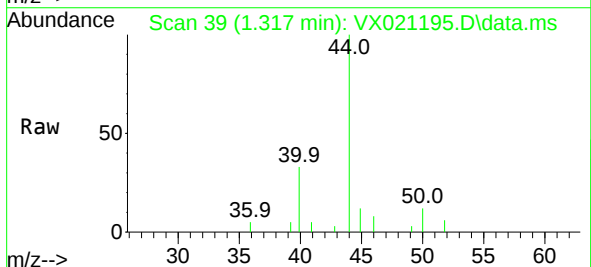
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

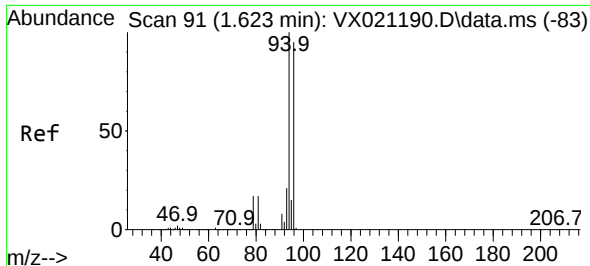
Tgt Ion:168 Resp: 75296
Ion Ratio Lower Upper
168 100
99 76.1 45.8 68.6#



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

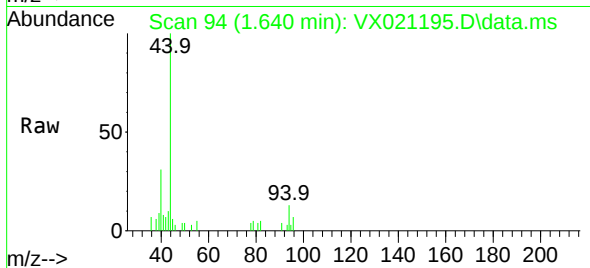
Tgt Ion: 50 Resp: 254
Ion Ratio Lower Upper
50 100
52 50.9 26.4 39.6#



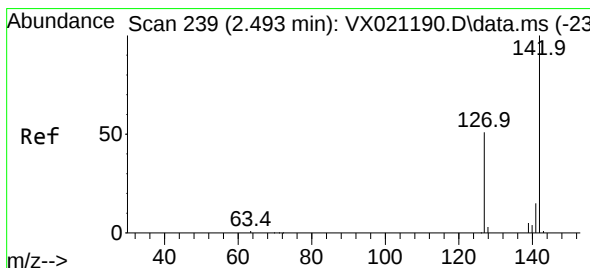
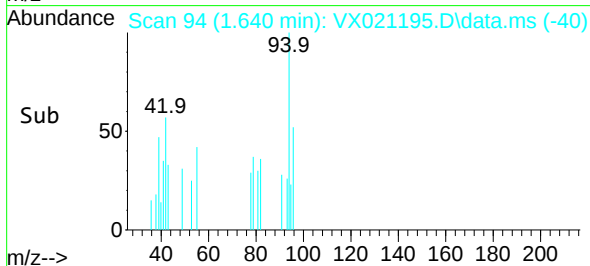
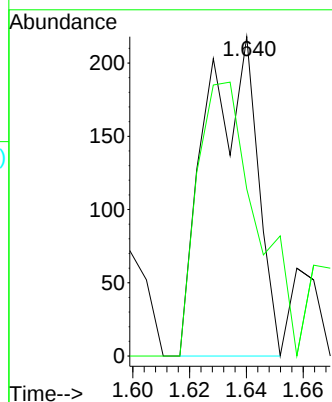


#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

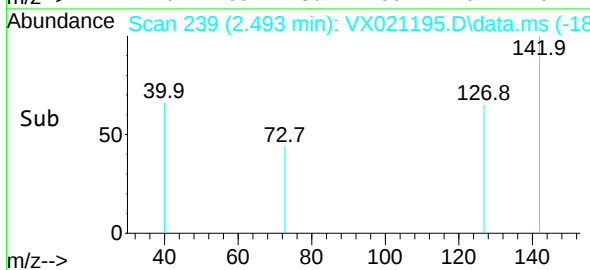
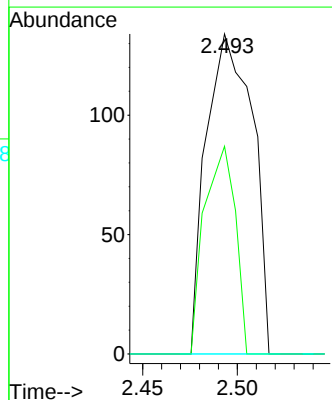
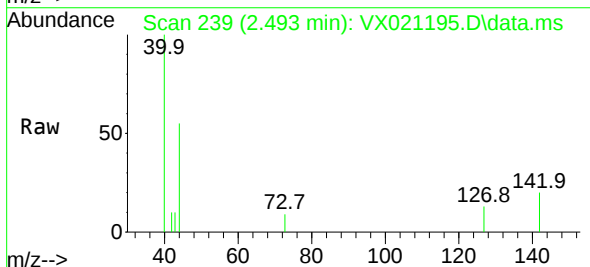


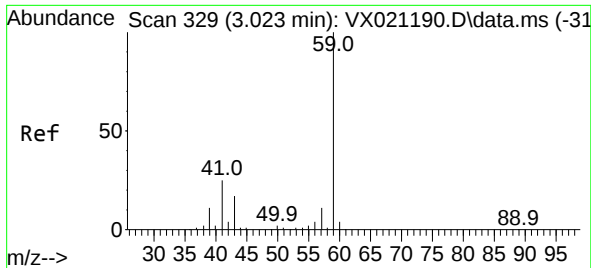
Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 52.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 142 Resp: 228
Ion Ratio Lower Upper
142 100
127 43.0 33.3 49.9
141 0.0 11.4 17.0#

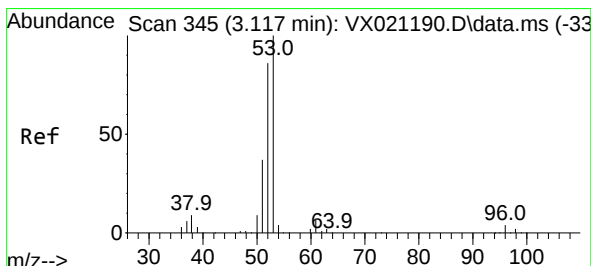
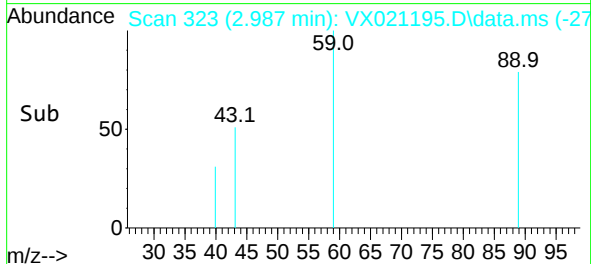
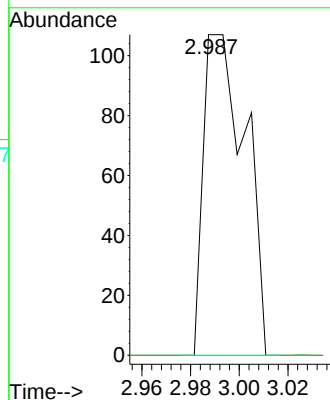
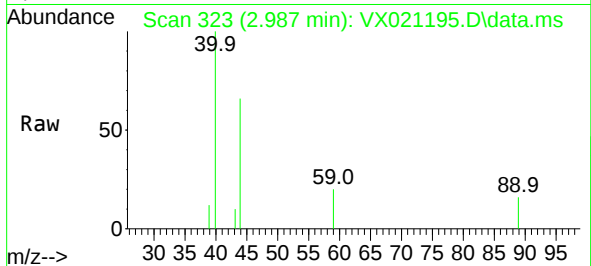




#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

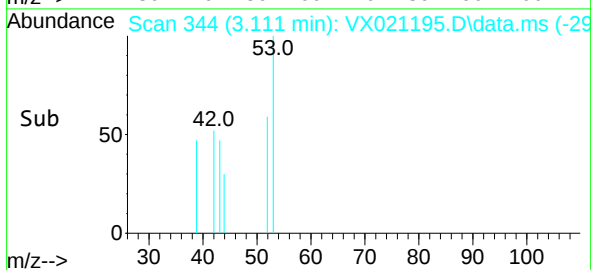
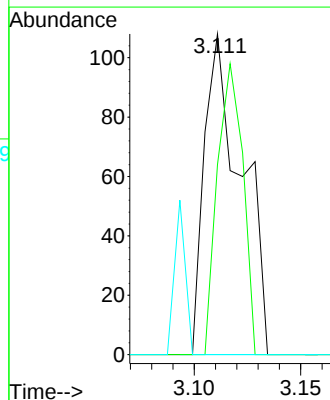
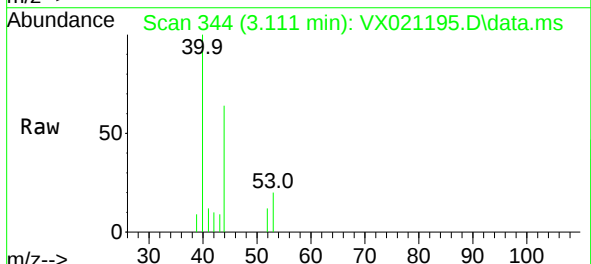
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

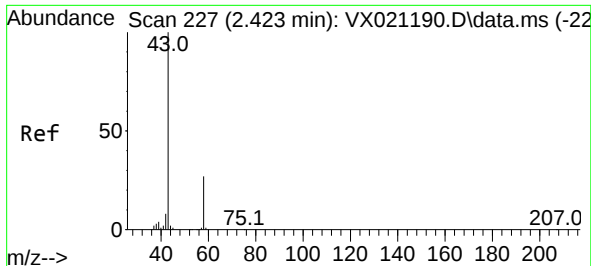
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#15
Acrylonitrile
Concen: 0.27 ug/l
RT: 3.111 min Scan# 344
Delta R.T. -0.006 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 53 Resp: 131
Ion Ratio Lower Upper
53 100
52 61.8 65.3 97.9#
51 0.0 28.2 42.2#

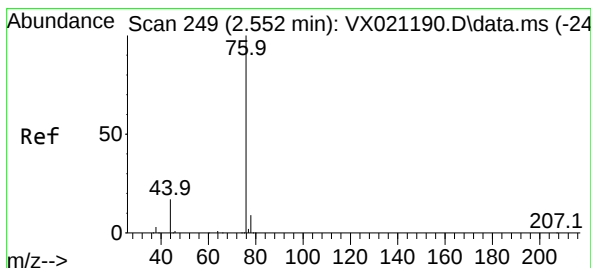
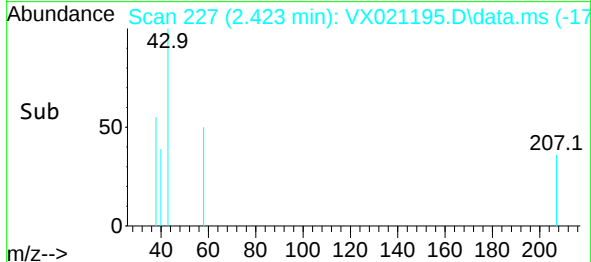
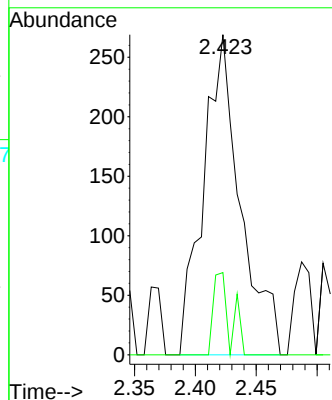
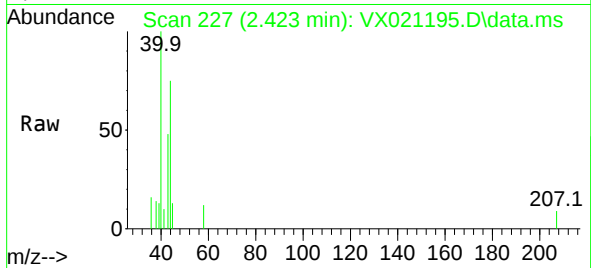




#16
Acetone
Concen: 1.11 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

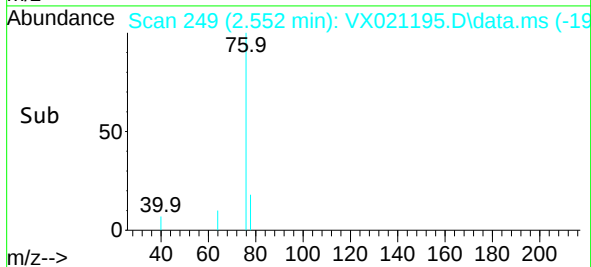
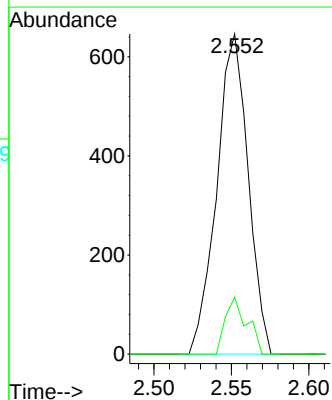
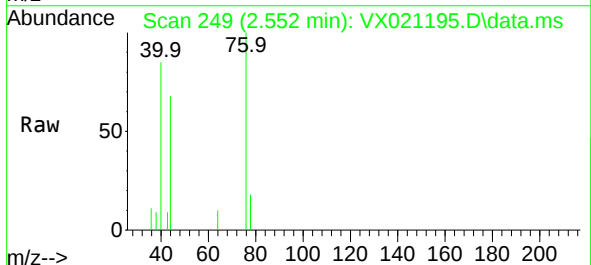
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

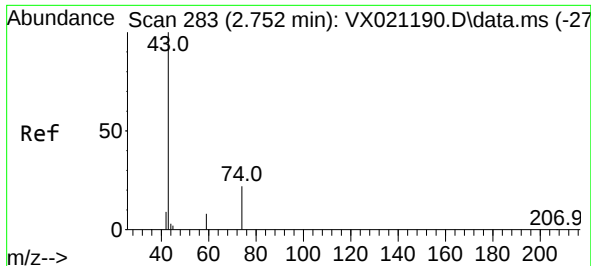
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 25.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.38 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 76 Resp: 908
Ion Ratio Lower Upper
76 100
78 17.8 7.2 10.8#

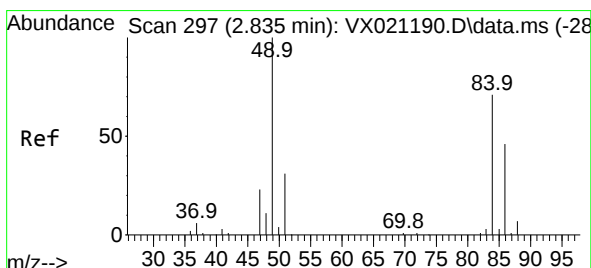
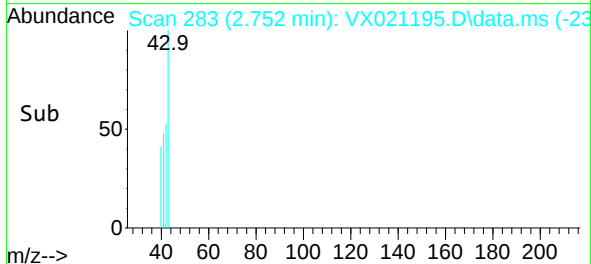
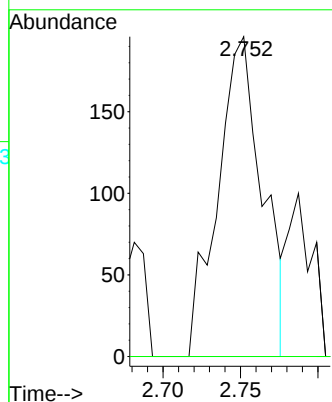
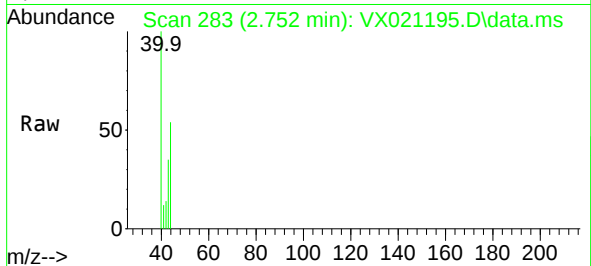




#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

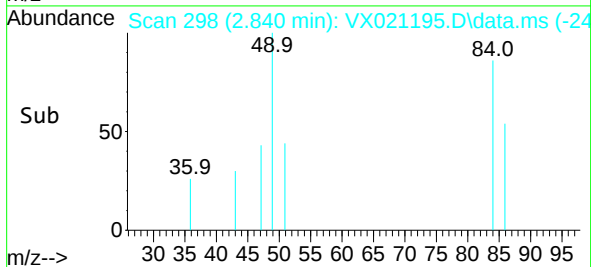
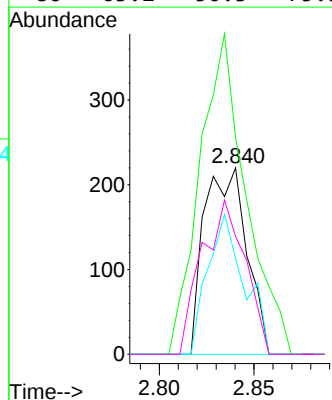
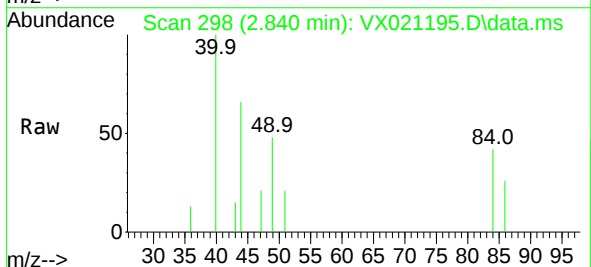
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

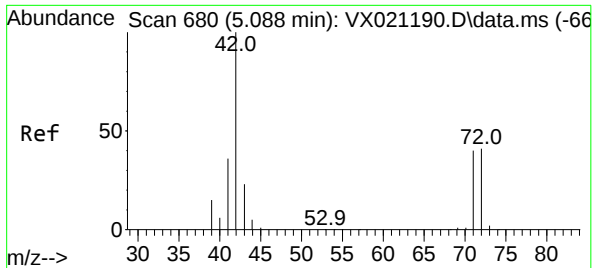
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 84 Resp: 342
Ion Ratio Lower Upper
84 100
49 93.2 88.6 132.8
51 51.4 27.0 40.6#
86 63.2 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.31 ug/l

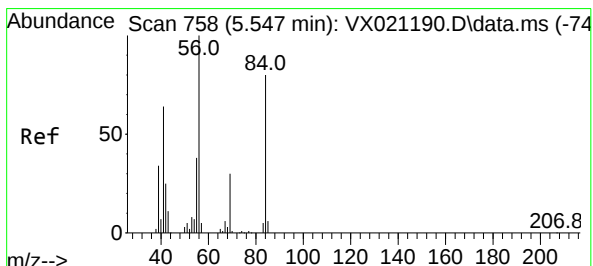
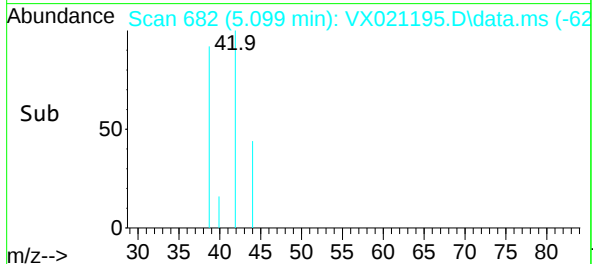
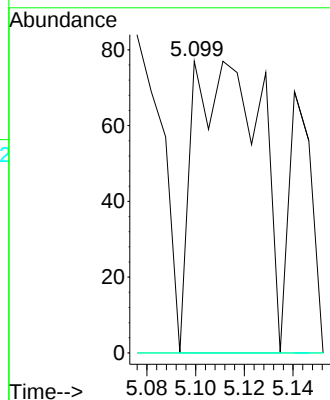
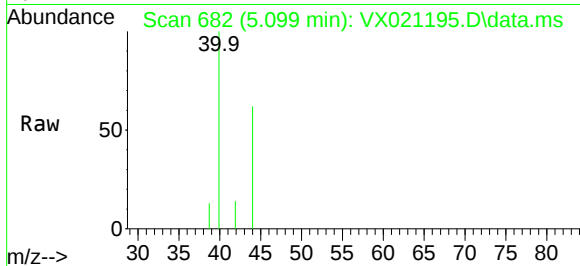
RT: 5.099 min Scan# 682

Delta R.T. 0.012 min

Lab File: VX021195.D

Acq: 15 Mar 2021 13:22

Tgt Ion:	42	Resp:	147
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.40 ug/l

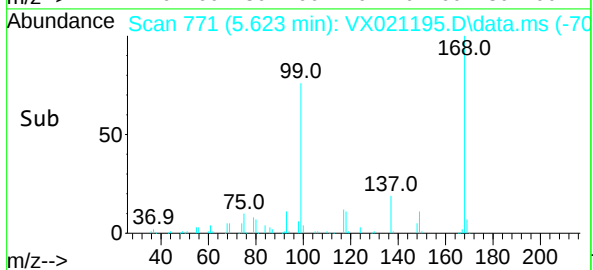
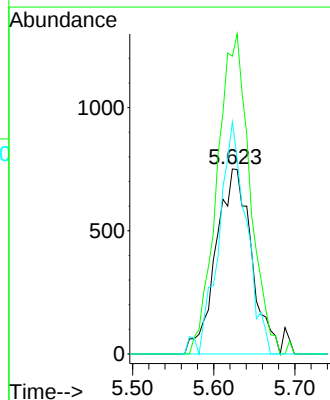
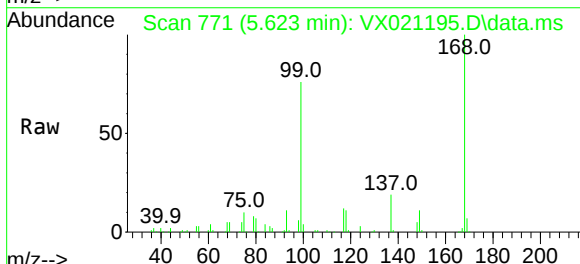
RT: 5.623 min Scan# 771

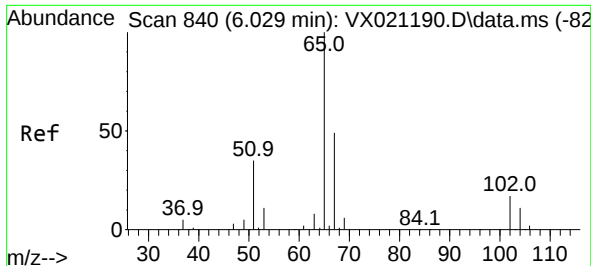
Delta R.T. 0.076 min

Lab File: VX021195.D

Acq: 15 Mar 2021 13:22

Tgt Ion:	56	Resp:	2272
Ion	Ratio	Lower	Upper
56	100		
69	161.0	25.3	37.9#
84	125.4	71.4	107.0#

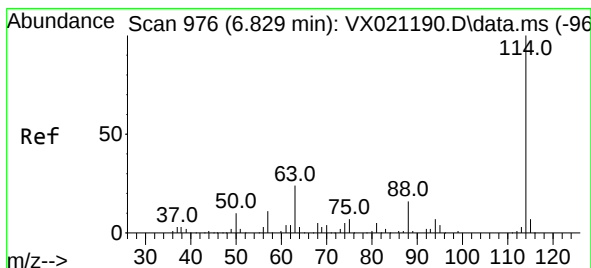
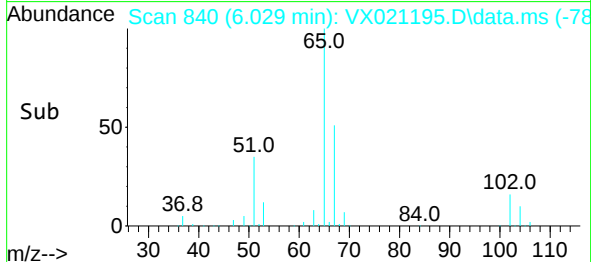
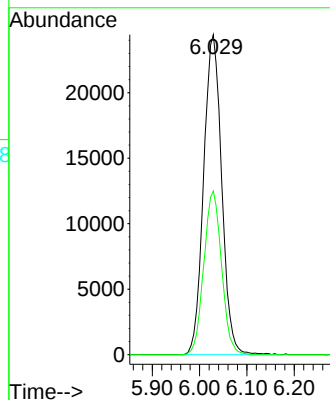
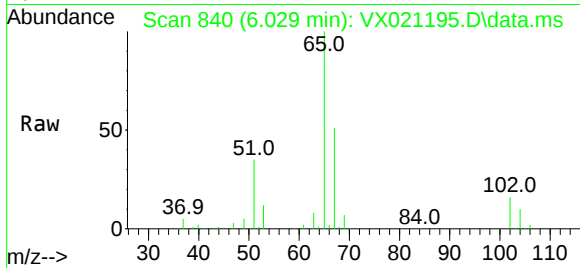




#33
 1,2-Dichloroethane-d4
 Concen: 50.45 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021195.D
 Acq: 15 Mar 2021 13:22

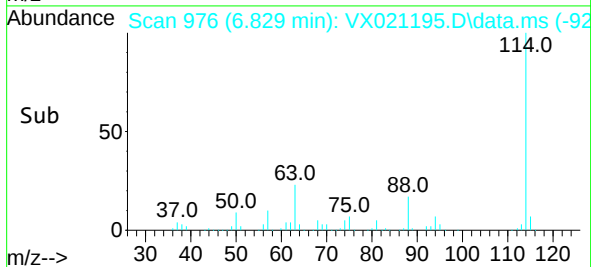
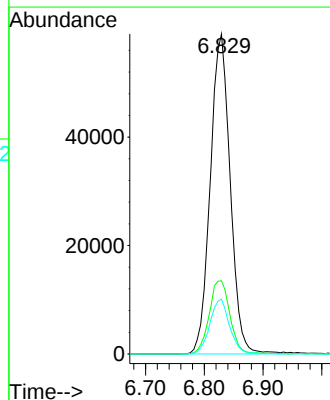
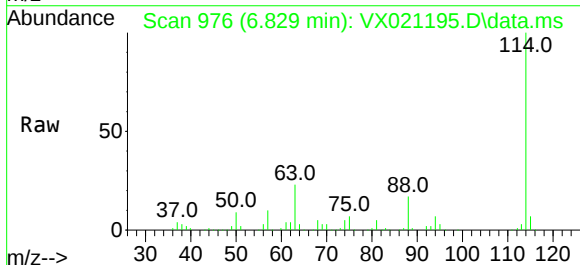
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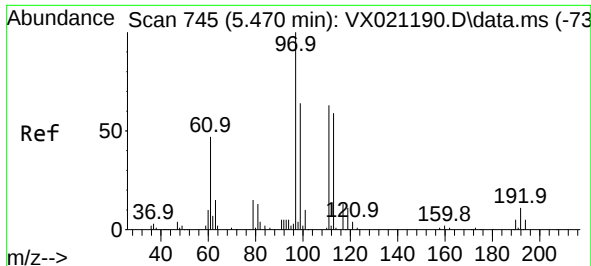
Tgt Ion: 65 Resp: 64771
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021195.D
 Acq: 15 Mar 2021 13:22

Tgt Ion: 114 Resp: 138906
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 40.8
 88 17.1 0.0 32.8

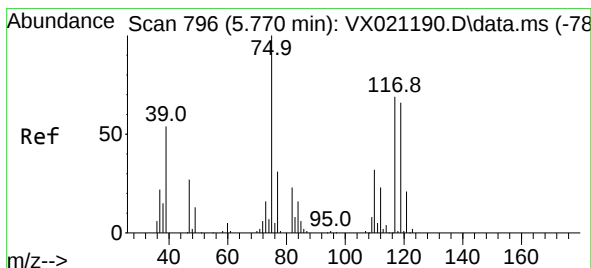
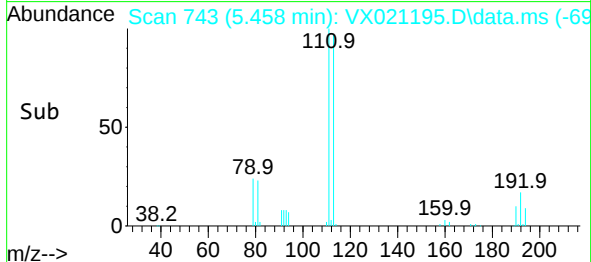
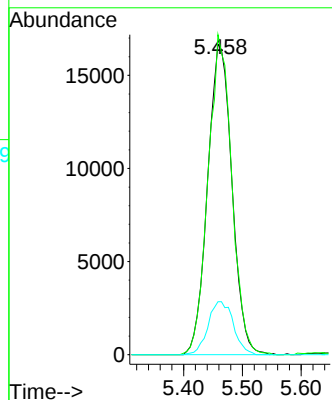
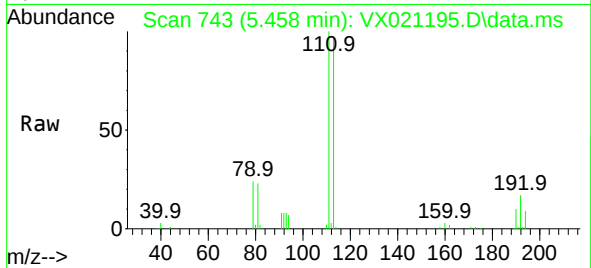




#35
Dibromofluoromethane
Concen: 50.21 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

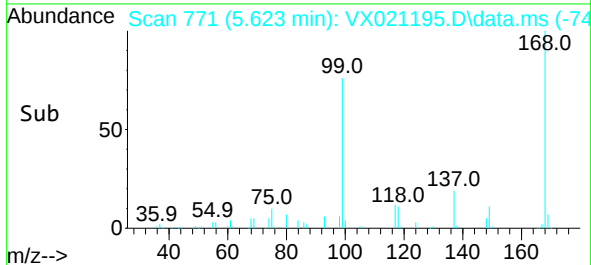
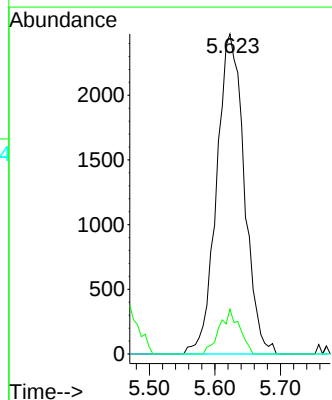
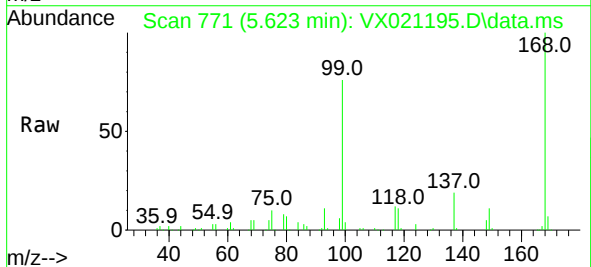
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

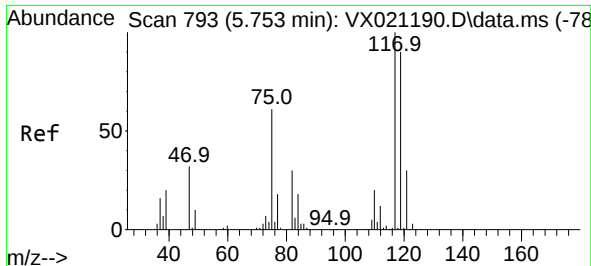
Tgt Ion:113 Resp: 47987
Ion Ratio Lower Upper
113 100
111 100.2 81.9 122.9
192 17.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

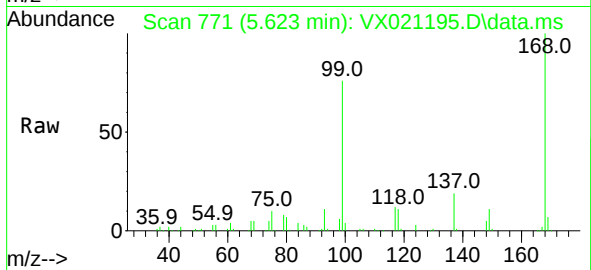
Tgt Ion: 75 Resp: 7237
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



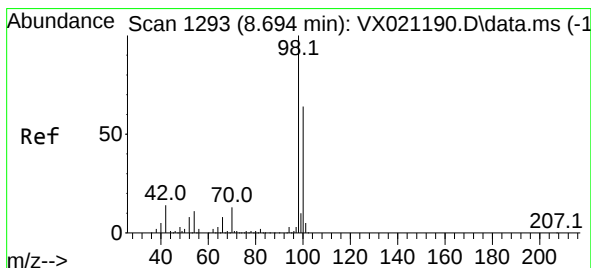
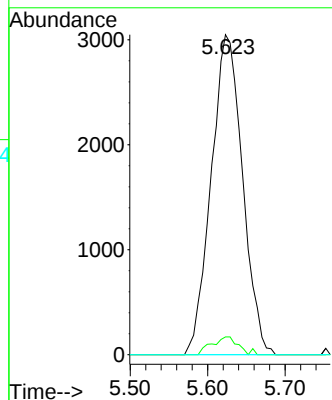
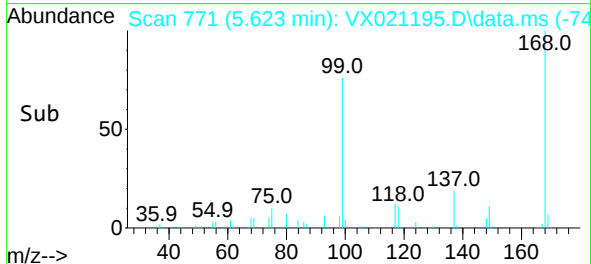


#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

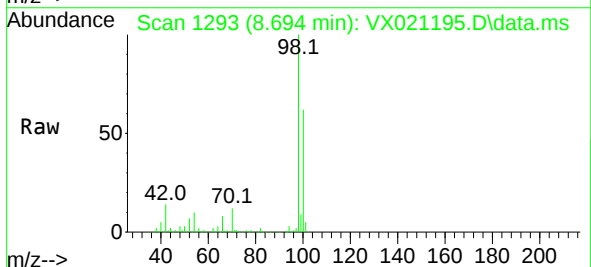
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01



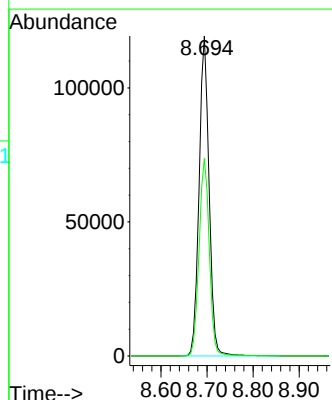
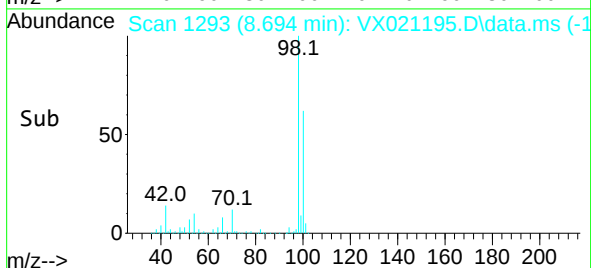
Tgt Ion:117 Resp: 8597
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

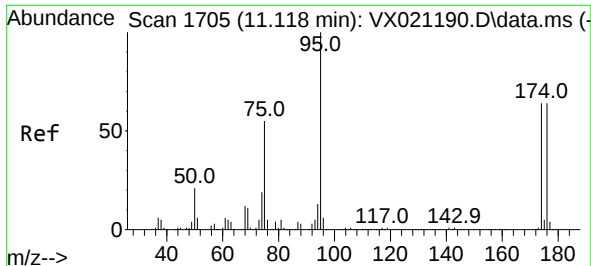


#50
Toluene-d8
Concen: 52.31 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22



Tgt Ion: 98 Resp: 179583
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

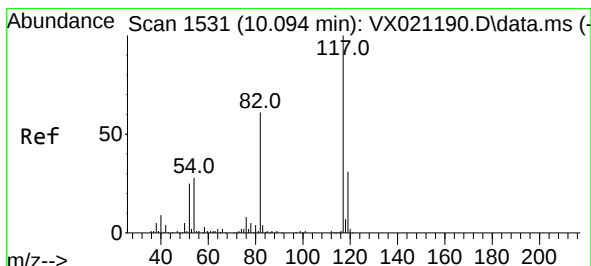
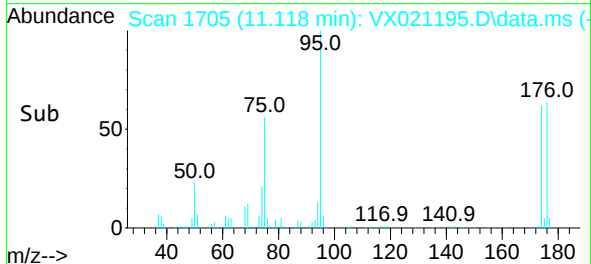
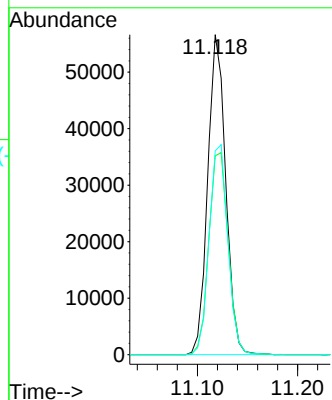
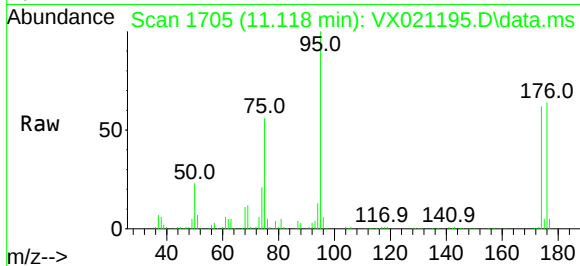




#62
4-Bromofluorobenzene
Concen: 53.90 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

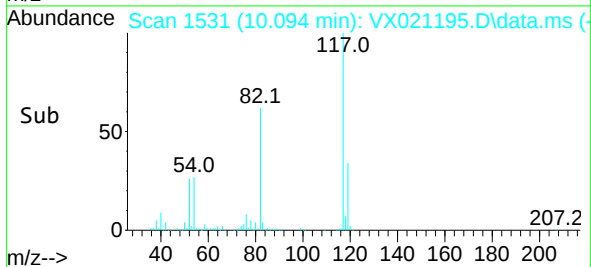
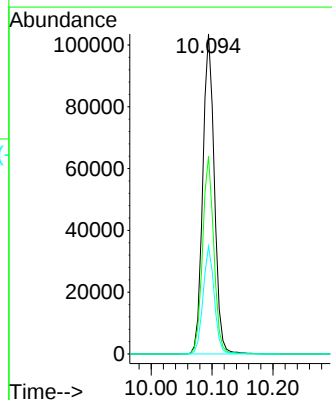
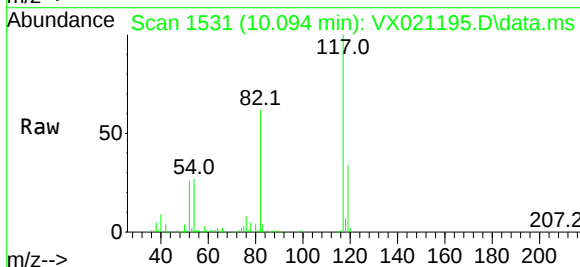
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

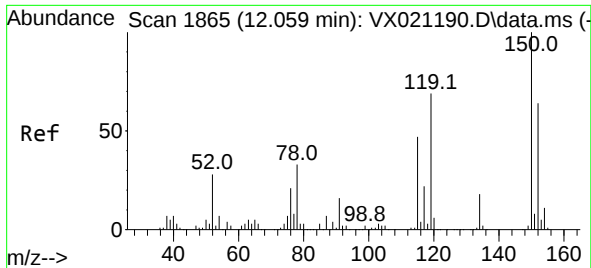
Tgt Ion: 95 Resp: 70512
Ion Ratio Lower Upper
95 100
174 68.1 0.0 154.6
176 68.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

Tgt Ion: 117 Resp: 136660
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 33.7 26.6 39.8

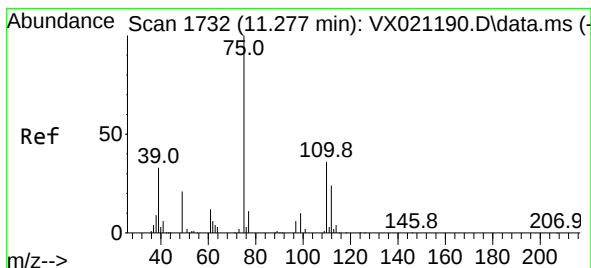
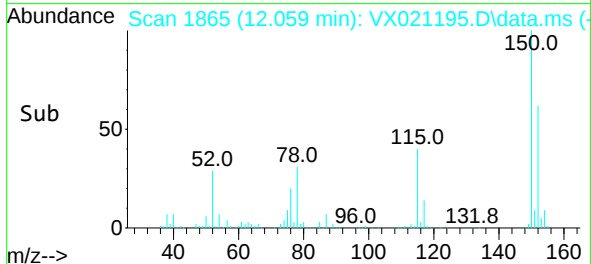
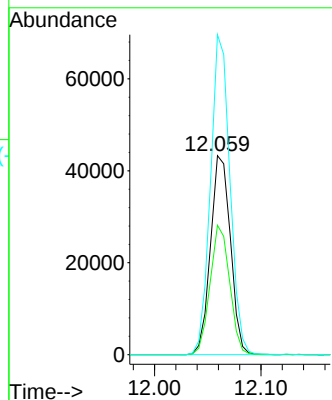
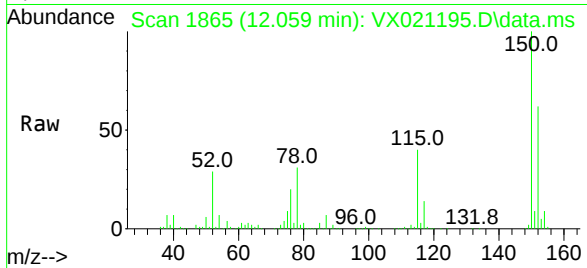




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

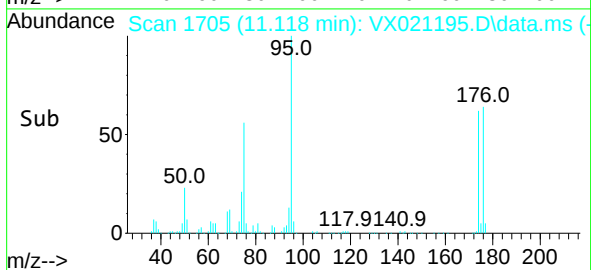
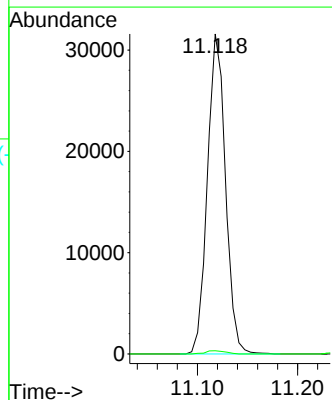
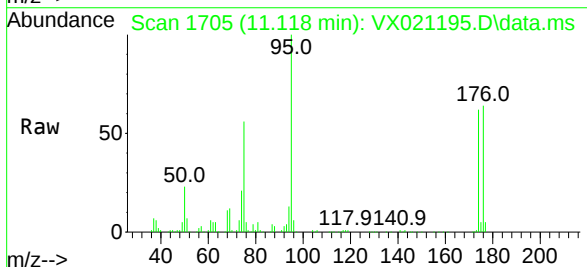
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

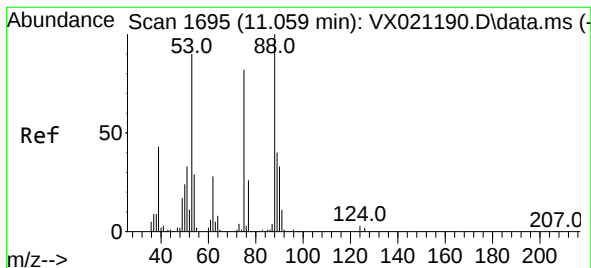
Tgt Ion:152 Resp: 56232
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 156.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.38 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

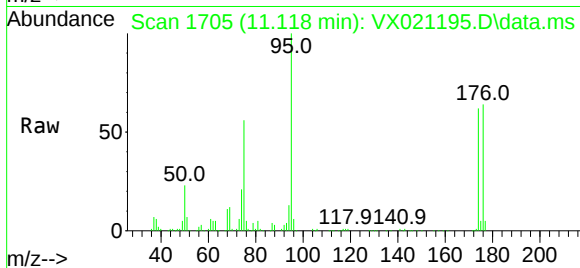
Tgt Ion: 75 Resp: 39568
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



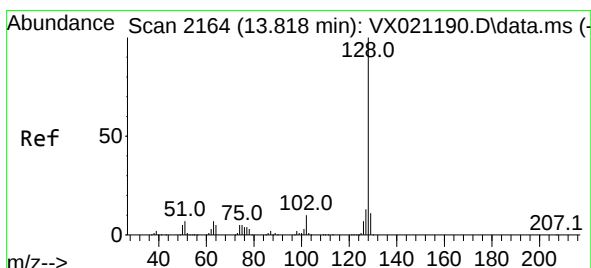
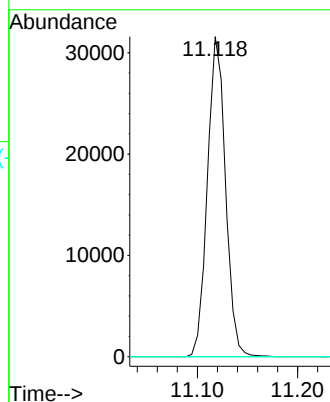
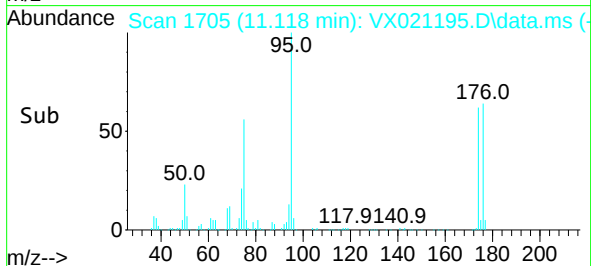


#81
trans-1,4-Dichloro-2-butene
Concen: 80.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22

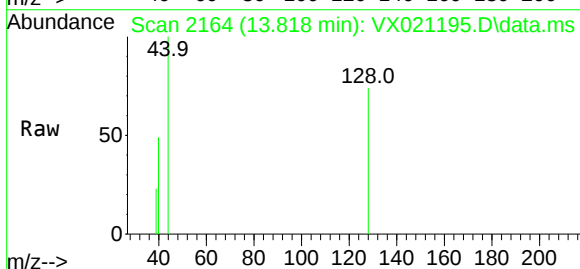
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01



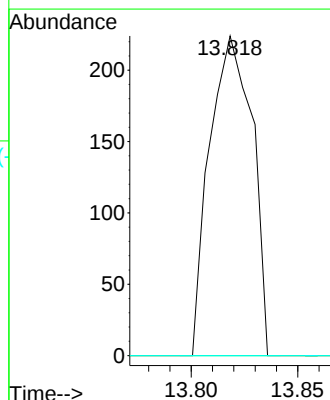
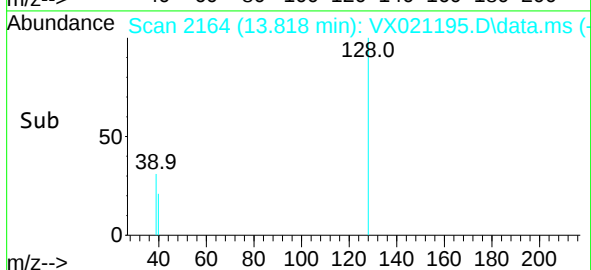
Tgt Ion: 75 Resp: 39568
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

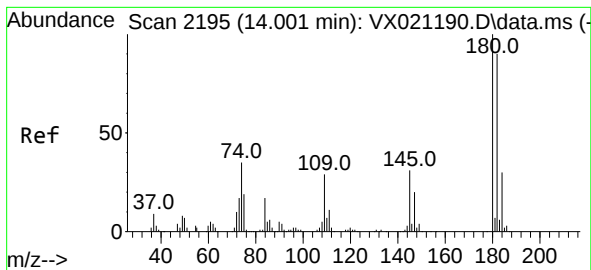


#95
Naphthalene
Concen: 1.54 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021195.D
Acq: 15 Mar 2021 13:22



Tgt Ion: 128 Resp: 312
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.99 ug/l
 RT: 14.001 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VX021195.D
 Acq: 15 Mar 2021 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBL01

Tgt Ion:180 Resp: 77
 Ion Ratio Lower Upper
 180 100
 182 120.8 47.6 142.9
 145 0.0 16.1 48.3#

