

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021626.D
 Acq On : 30 Mar 2021 14:03
 Operator : JC/MD
 Sample : M1867-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-032921

Quant Time: Mar 31 04:57:41 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)

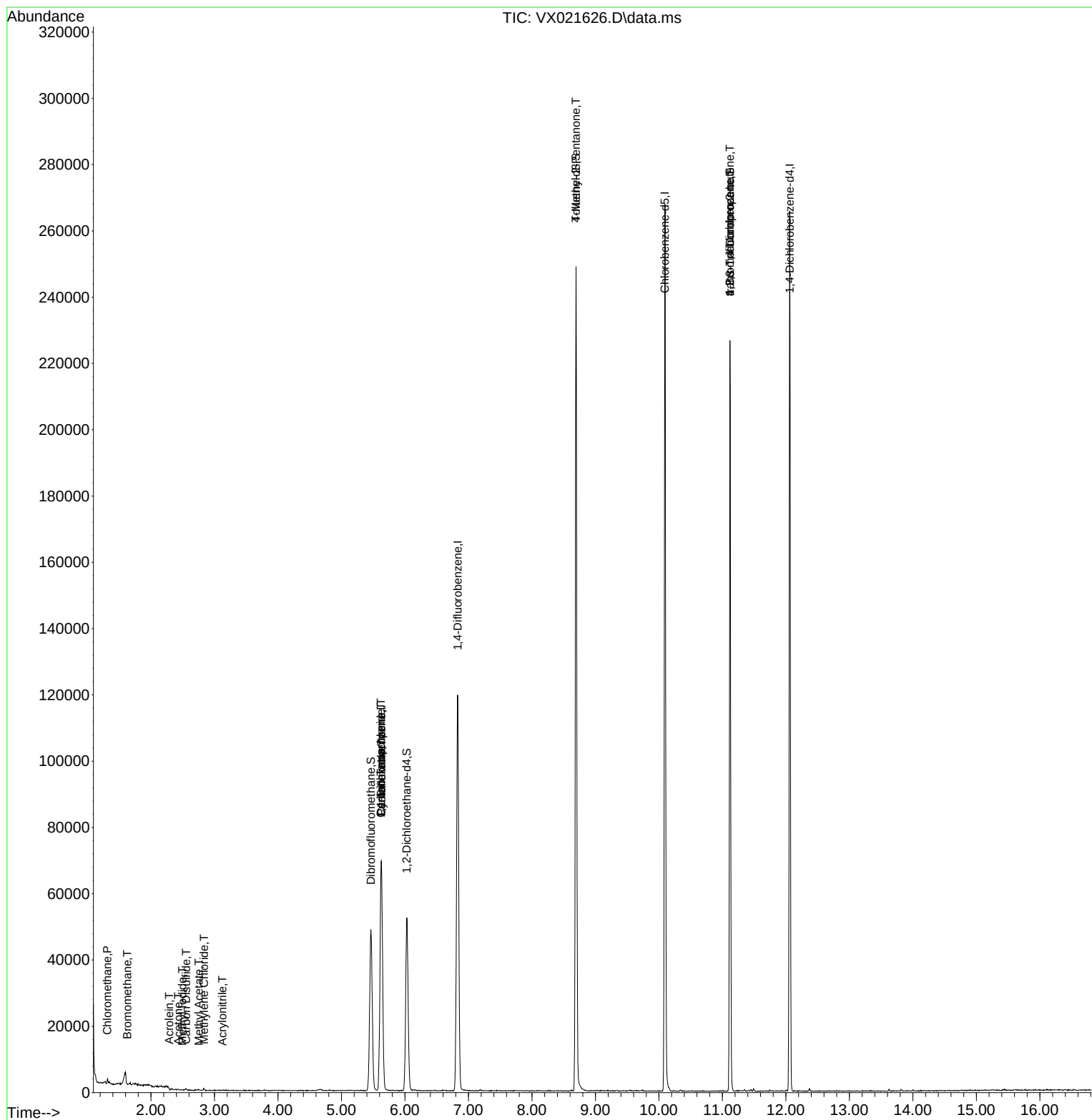
Internal Standards						
1) Pentafluorobenzene	5.629	168	61492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	112717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52198	51.02	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.04%		
35) Dibromofluoromethane	5.464	113	40296	50.33	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.66%		
50) Toluene-d8	8.694	98	140486	49.24	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.48%		
62) 4-Bromofluorobenzene	11.118	95	56111	50.58	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.16%		
Target Compounds						
						Qvalue
3) Chloromethane	1.311	50	1398	1.84	ug/l	98
5) Bromomethane	1.628	94	61	0.22	ug/l #	63
10) Methyl Iodide	2.493	142	100	6.82	ug/l #	81
13) Acrolein	2.287	56	19	4.52	ug/l #	14
15) Acrylonitrile	3.123	53	86	0.21	ug/l #	18
16) Acetone	2.429	43	260	0.67	ug/l #	40
17) Carbon Disulfide	2.552	76	488	0.28	ug/l #	75
18) Methyl Acetate	2.752	43	275	0.25	ug/l #	47
20) Methylene Chloride	2.835	84	174	0.23	ug/l #	69
31) Cyclohexane	5.629	56	1641	1.46	ug/l #	37
36) 1,1-Dichloropropene	5.623	75	5660	5.12	ug/l #	50
38) Carbon Tetrachloride	5.623	117	6852	5.77	ug/l #	16
51) 4-Methyl-2-Pentanone	8.694	43	829	0.65	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	32104	27.81	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	32104	84.71	ug/l #	12

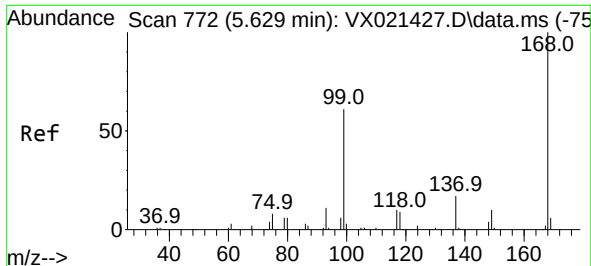
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021626.D
Acq On : 30 Mar 2021 14:03
Operator : JC/MD
Sample : M1867-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
TB-01-032921

Quant Time: Mar 31 04:57:41 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

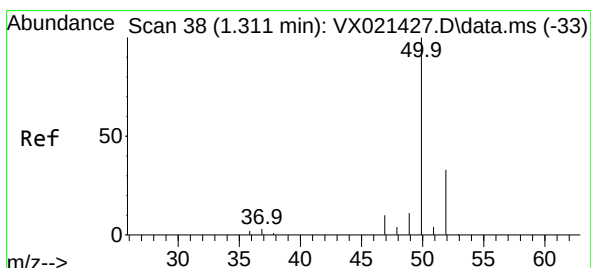
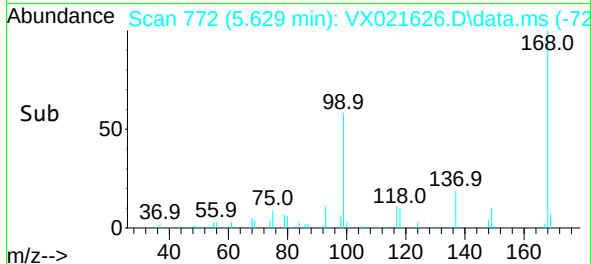
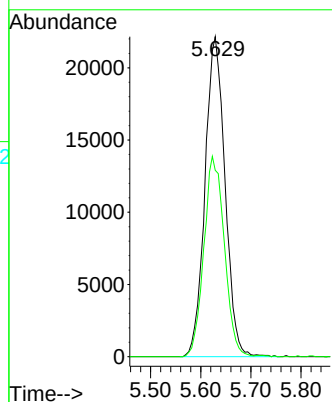
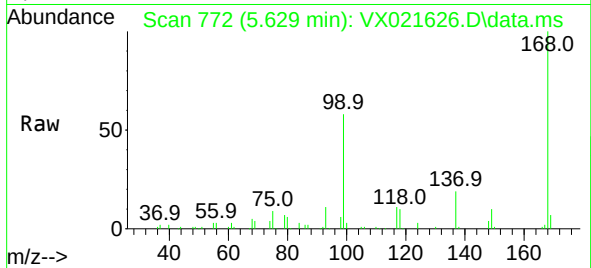




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

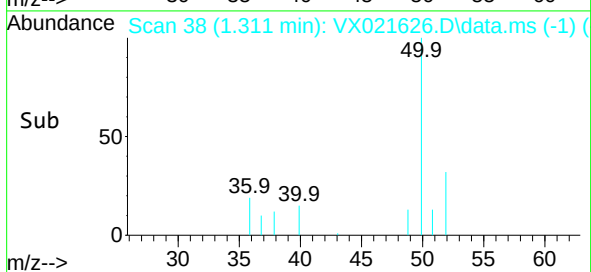
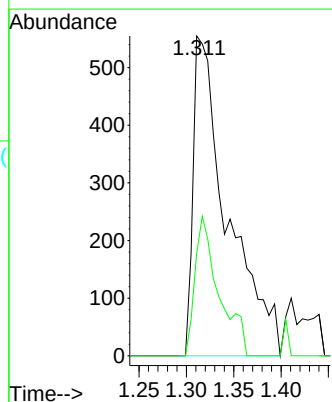
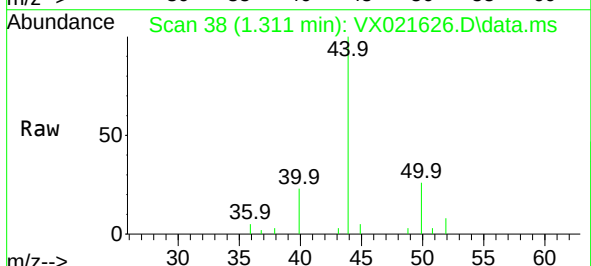
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

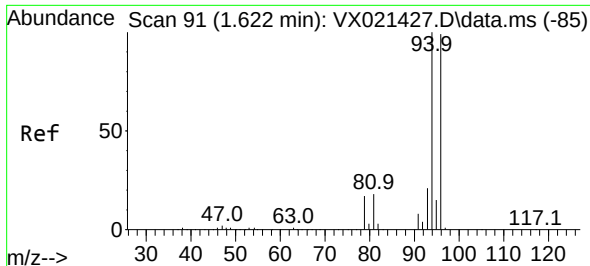
Tgt Ion:168 Resp: 61492
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#3
Chloromethane
Concen: 1.84 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Tgt Ion: 50 Resp: 1398
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6

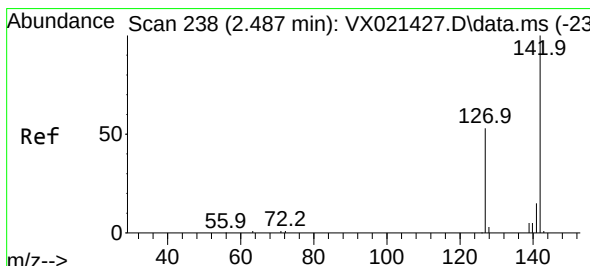
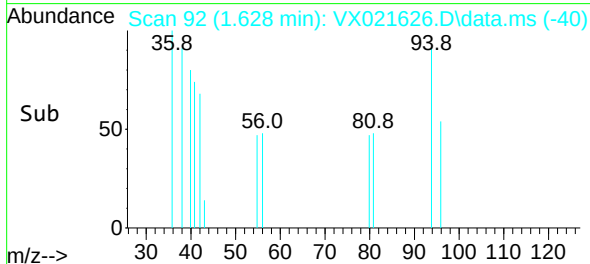
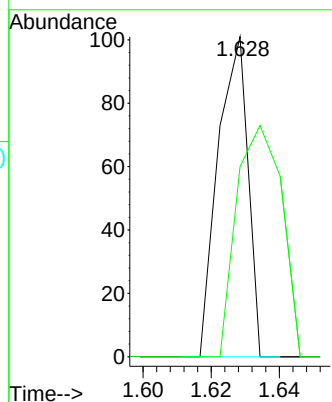
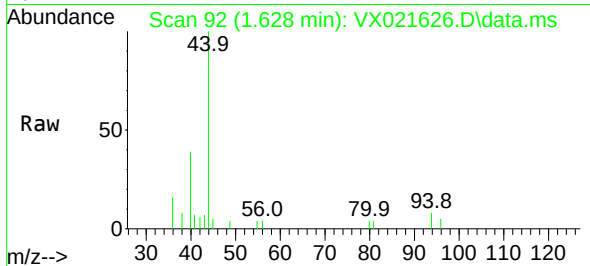




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

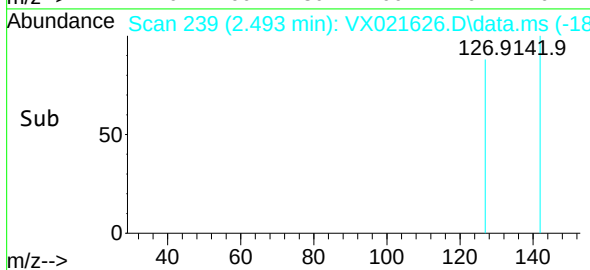
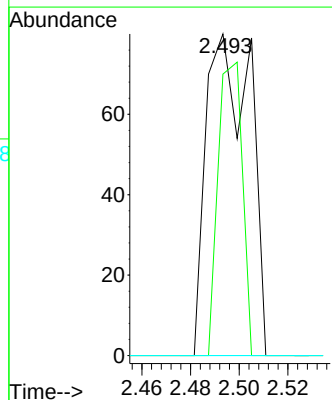
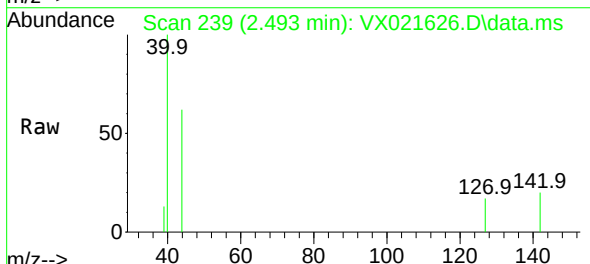
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

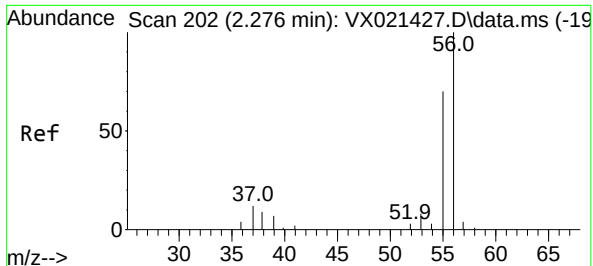
Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 59.4 76.4 114.6#



#10
Methyl Iodide
Concen: 6.82 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Tgt Ion: 142 Resp: 100
Ion Ratio Lower Upper
142 100
127 50.0 33.3 49.9#
141 0.0 11.4 17.0#

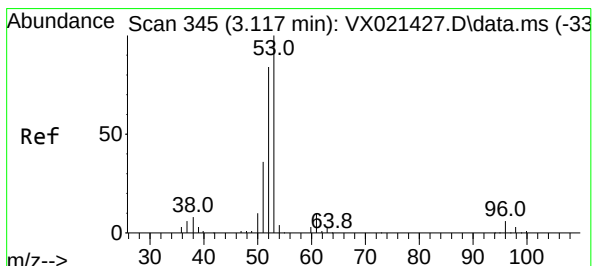
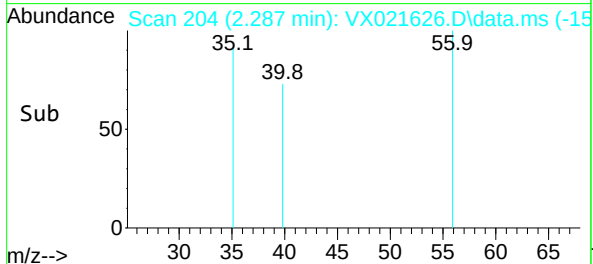
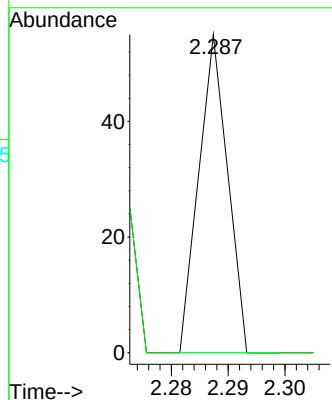
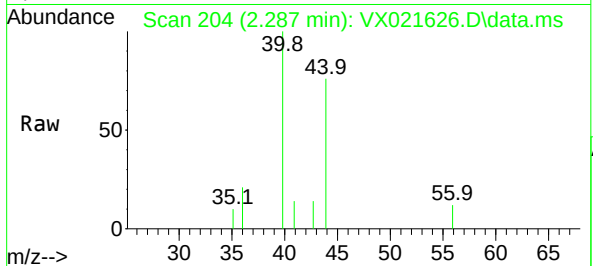




#13
Acrolein
Concen: 4.52 ug/l
RT: 2.287 min Scan# 204
Delta R.T. 0.011 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

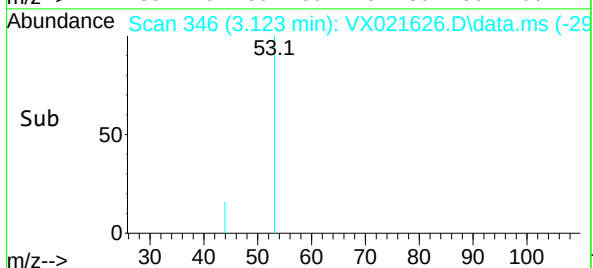
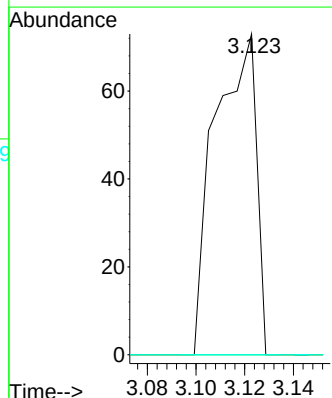
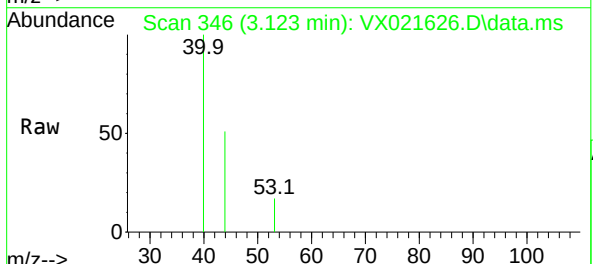
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

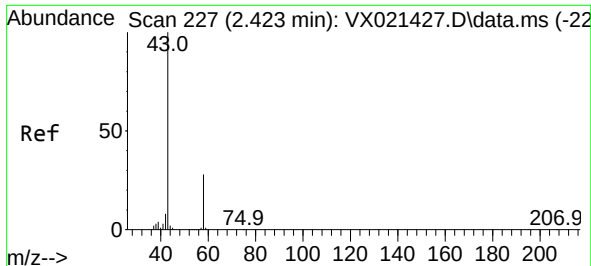
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

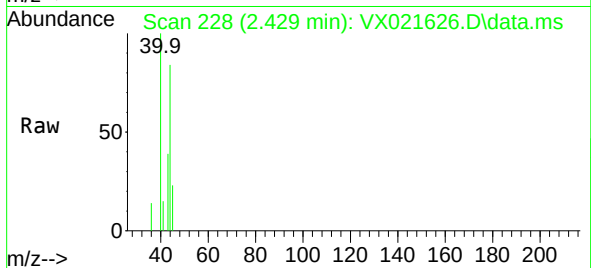
Tgt Ion: 53 Resp: 86
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#



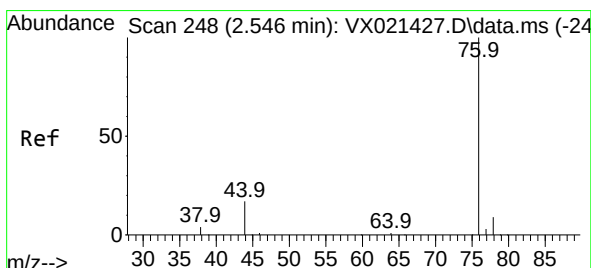
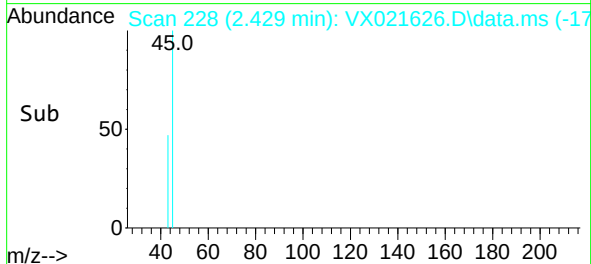
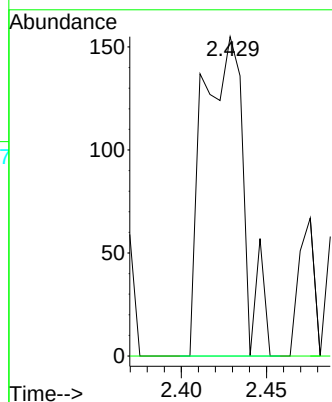


#16
Acetone
Concen: 0.67 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

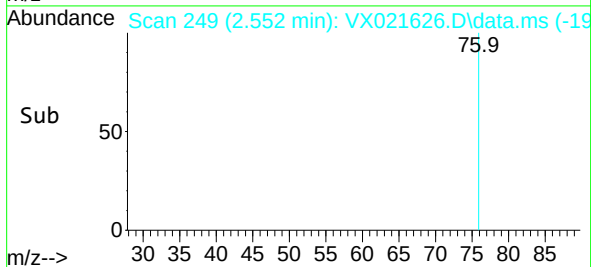
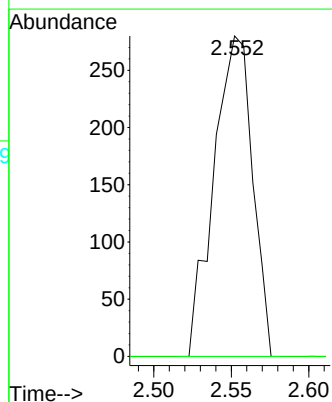
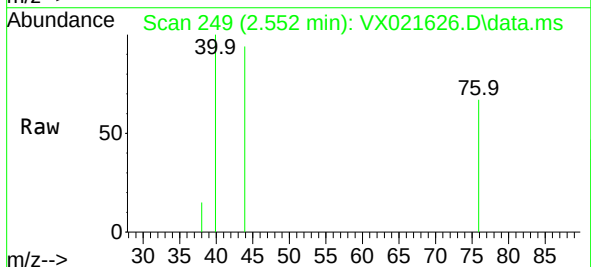


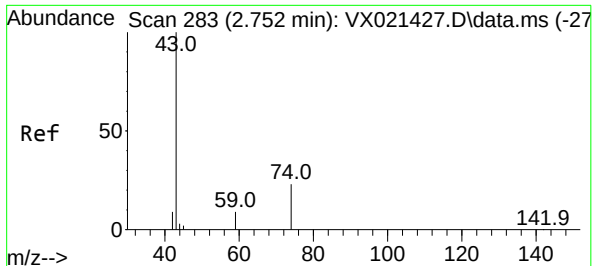
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

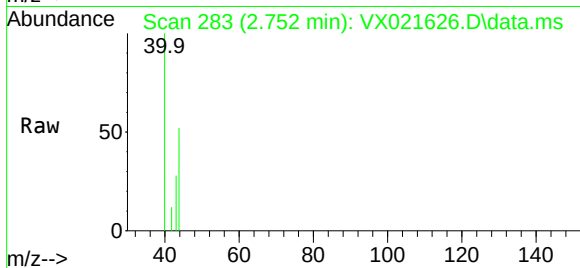
Tgt Ion: 76 Resp: 488
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



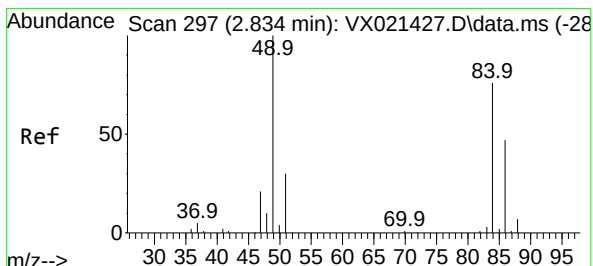
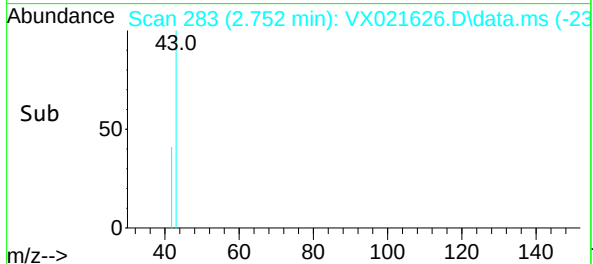
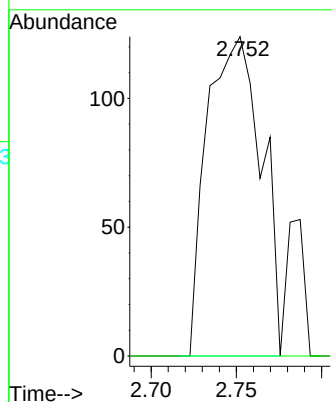


#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

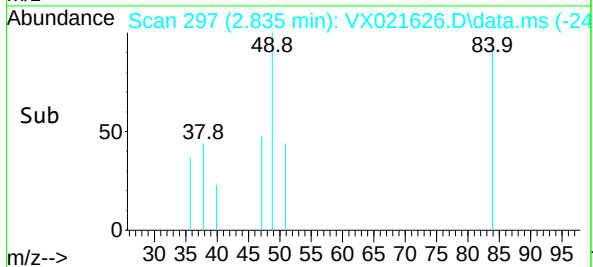
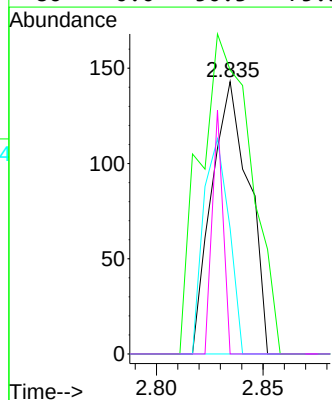
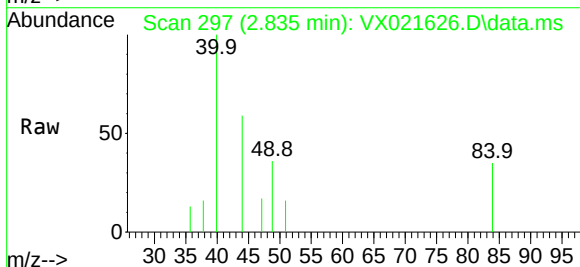


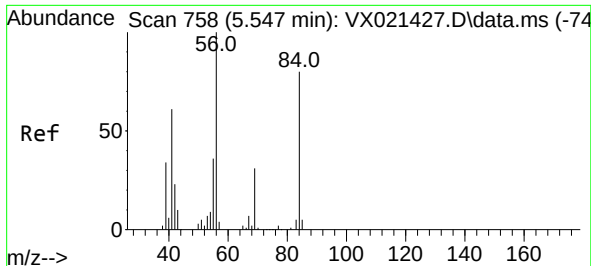
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Tgt Ion: 84 Resp: 174
Ion Ratio Lower Upper
84 100
49 104.2 88.6 132.8
51 46.2 27.0 40.6#
86 0.0 50.3 75.5#

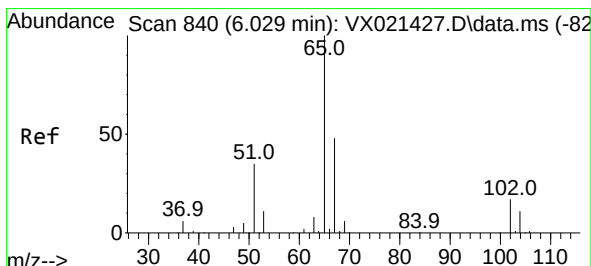
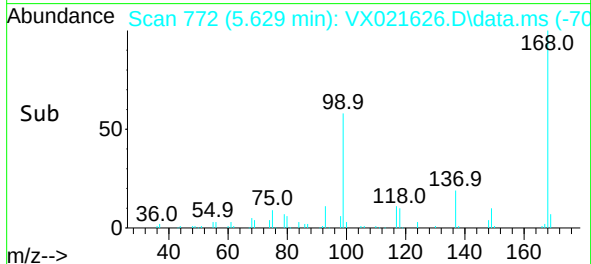
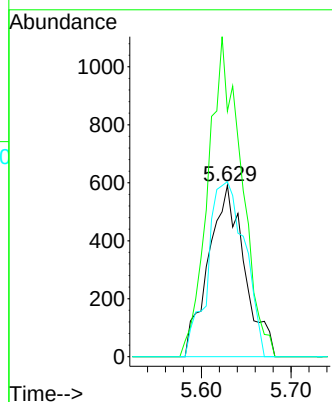
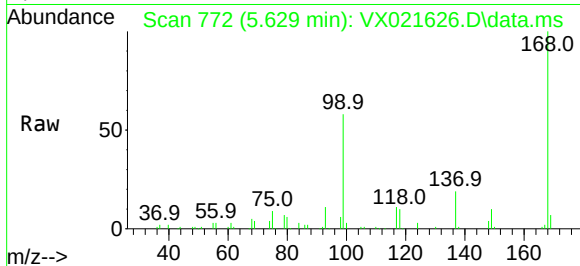




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

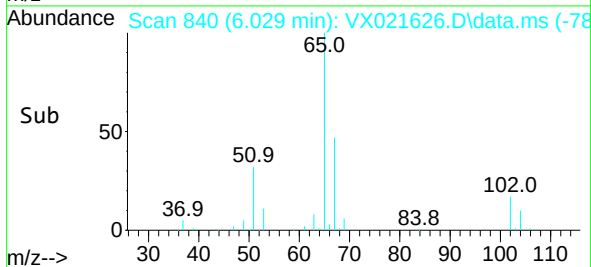
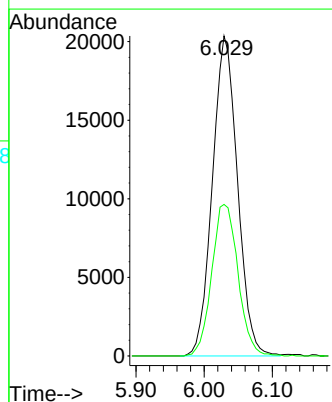
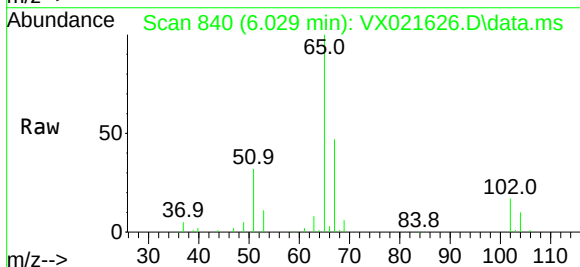
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

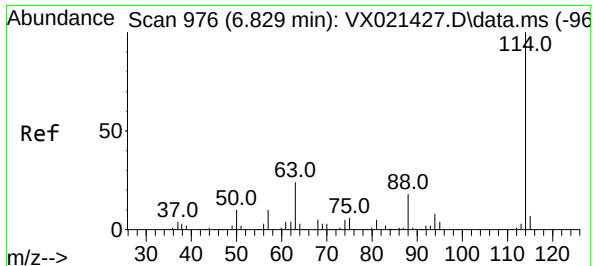
Tgt Ion: 56 Resp: 1641
Ion Ratio Lower Upper
56 100
69 143.3 25.3 37.9#
84 102.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.02 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Tgt Ion: 65 Resp: 52198
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

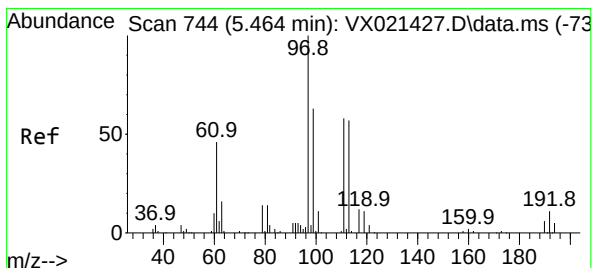
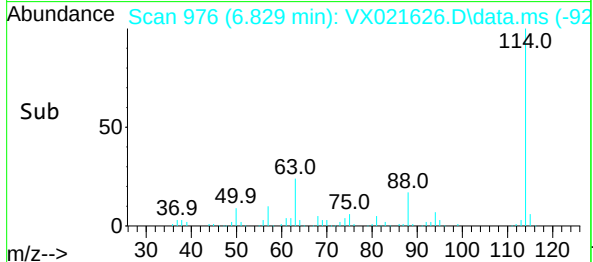
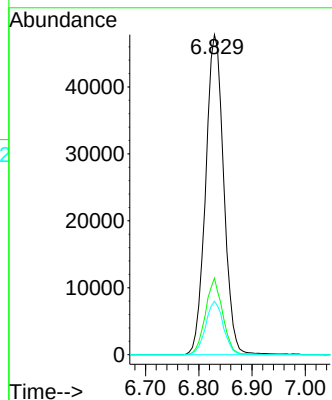
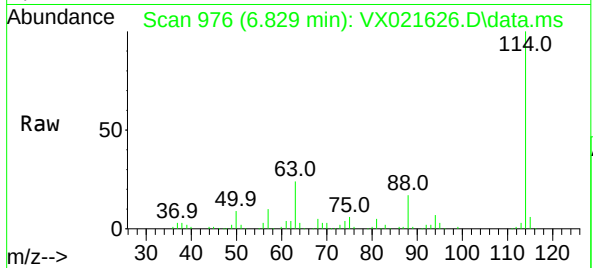




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

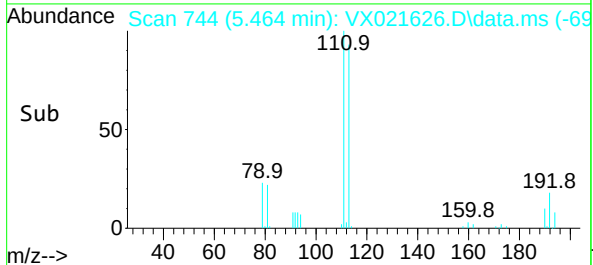
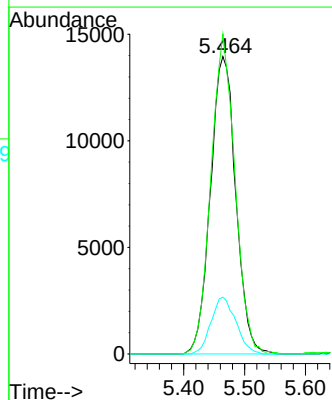
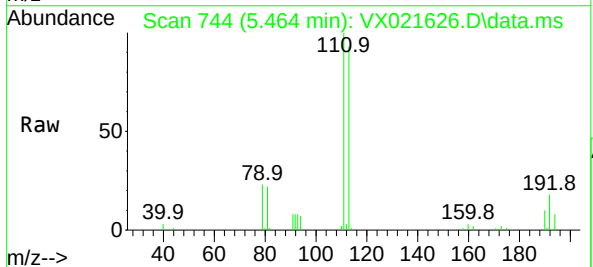
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

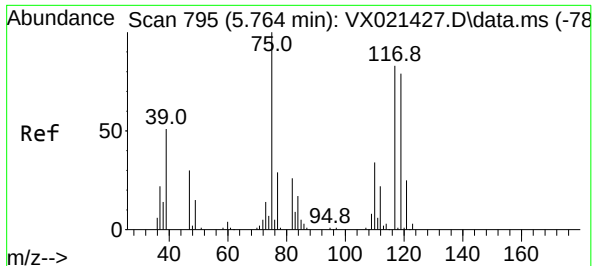
Tgt Ion:114 Resp: 112717
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Tgt Ion:113 Resp: 40296
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.12 ug/l

RT: 5.623 min Scan# 771

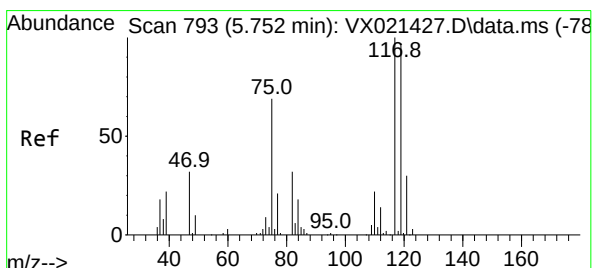
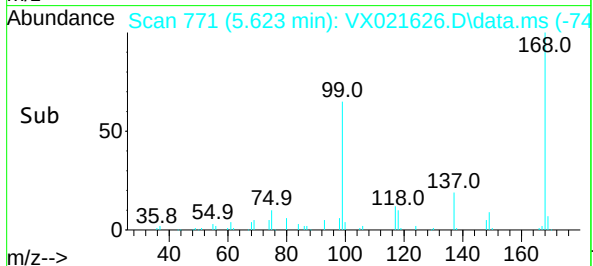
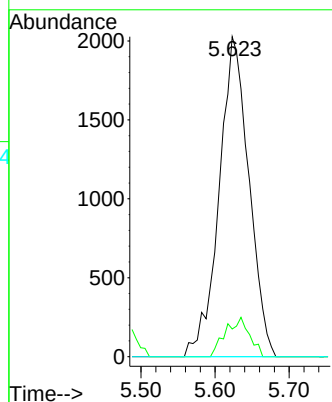
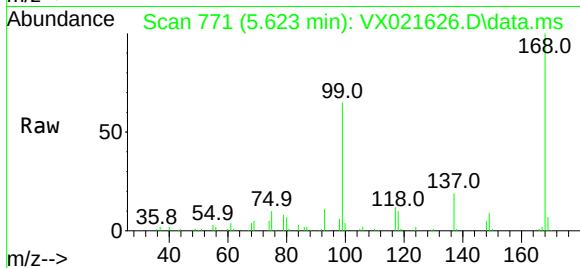
Delta R.T. -0.141 min

Lab File: VX021626.D

Acq: 30 Mar 2021 14:03

Tgt Ion: 75	Resp: 5660
Ion Ratio	Lower Upper
75 100	
110 9.8	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921



#38

Carbon Tetrachloride

Concen: 5.77 ug/l

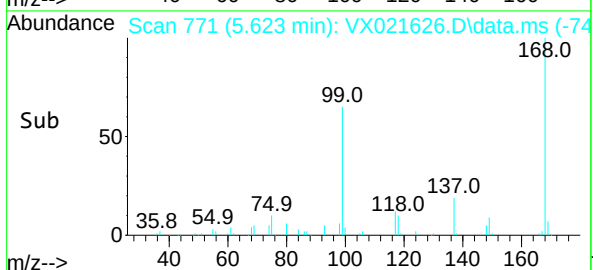
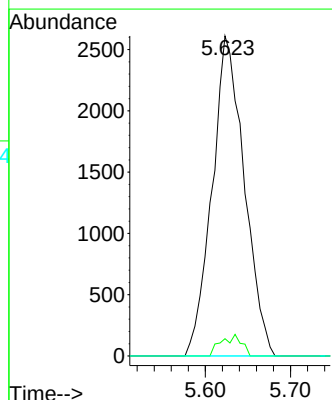
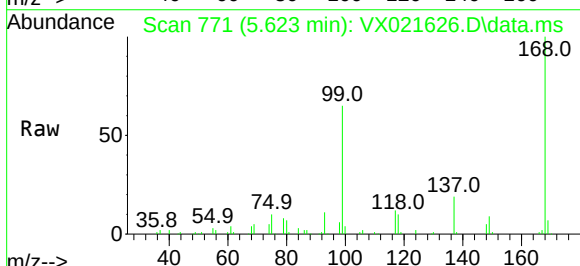
RT: 5.623 min Scan# 771

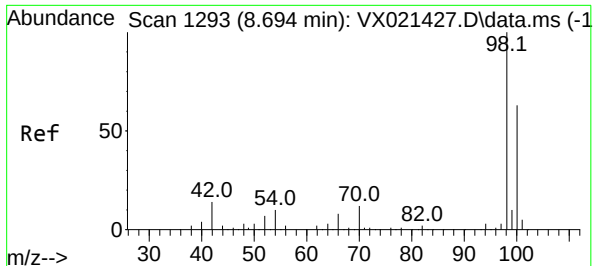
Delta R.T. -0.129 min

Lab File: VX021626.D

Acq: 30 Mar 2021 14:03

Tgt Ion: 117	Resp: 6852
Ion Ratio	Lower Upper
117 100	
119 5.4	76.2 114.2#
121 0.0	24.8 37.2#





#50

Toluene-d8

Concen: 49.24 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021626.D

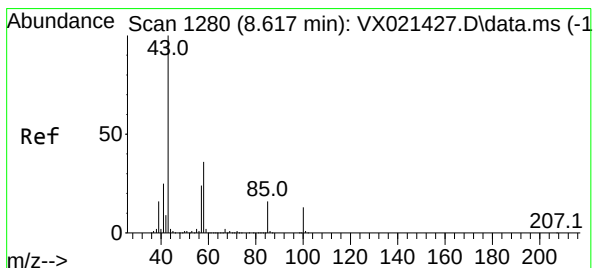
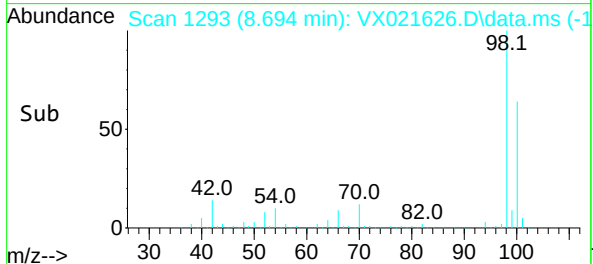
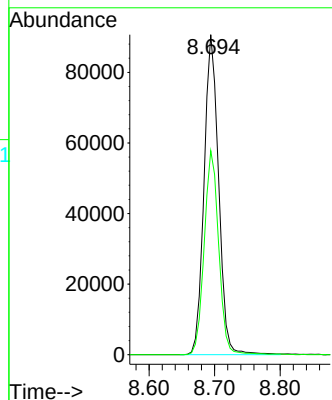
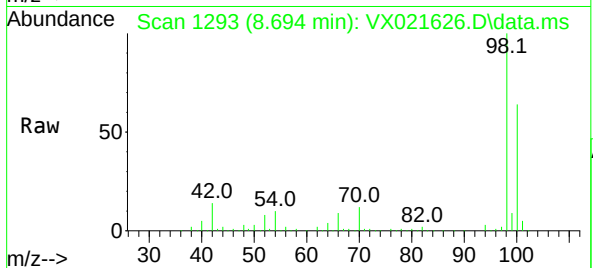
Acq: 30 Mar 2021 14:03

Tgt Ion: 98 Resp: 140486

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.65 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021626.D

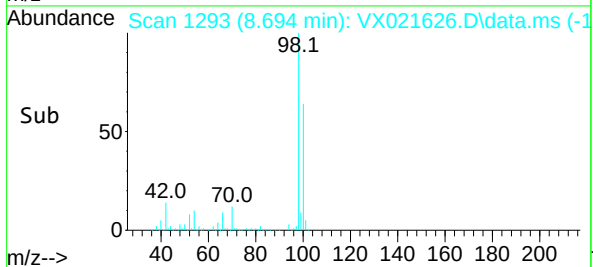
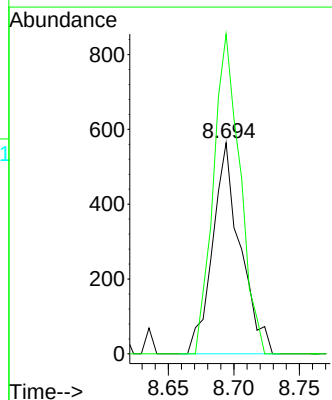
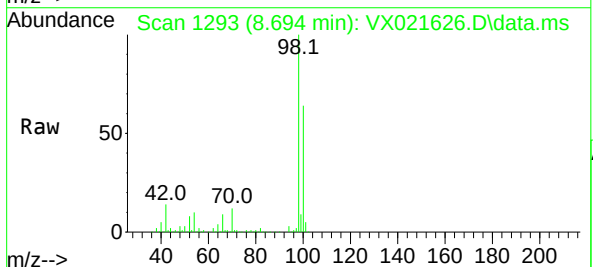
Acq: 30 Mar 2021 14:03

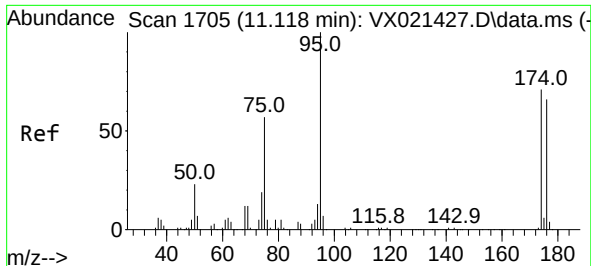
Tgt Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

58 145.5 35.4 53.0#

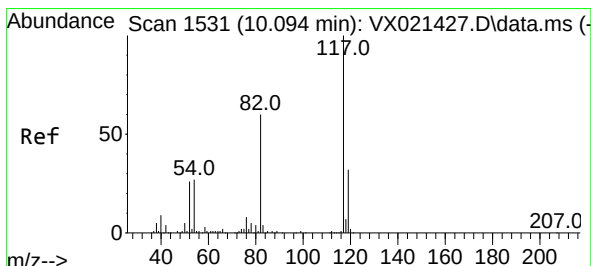
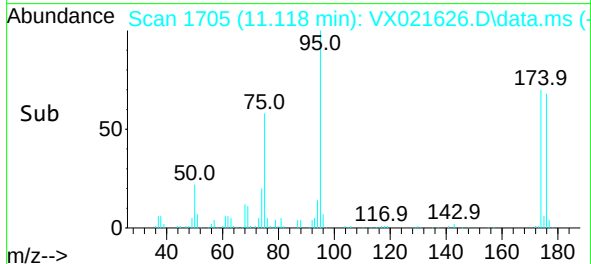
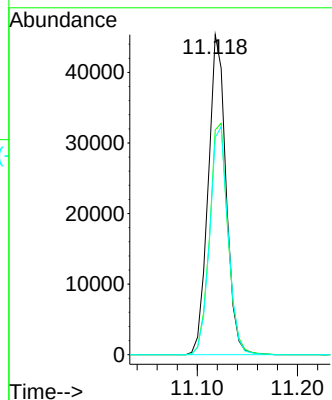
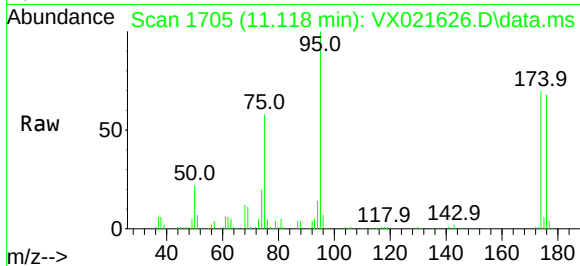




#62
4-Bromofluorobenzene
Concen: 50.58 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

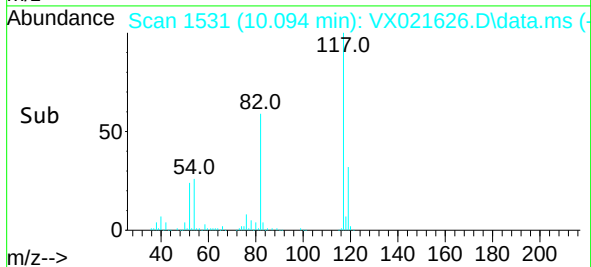
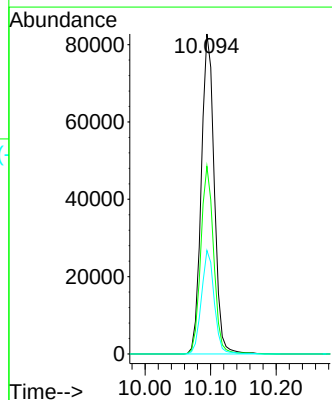
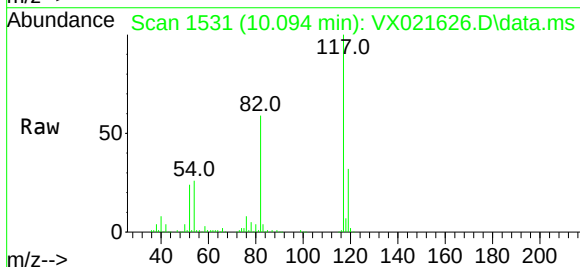
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032921

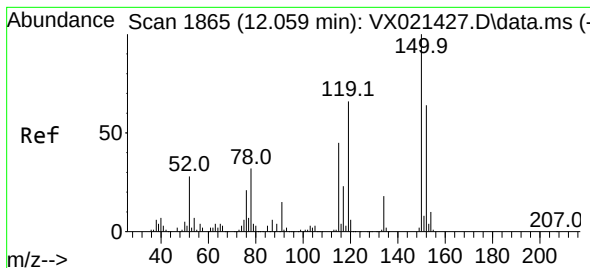
Tgt Ion:	95	Resp:	56111
Ion Ratio	Lower	Upper	
95	100		
174	74.6	0.0	154.6
176	73.1	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021626.D
Acq: 30 Mar 2021 14:03

Tgt Ion:	117	Resp:	114194
Ion Ratio	Lower	Upper	
117	100		
82	58.6	47.4	71.2
119	32.4	26.6	39.8

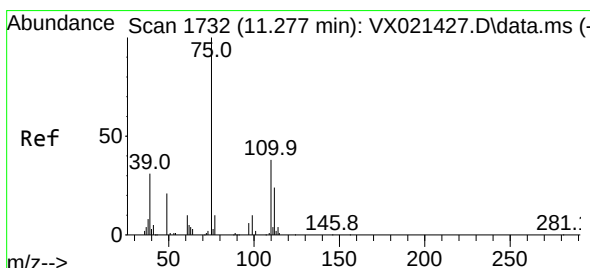
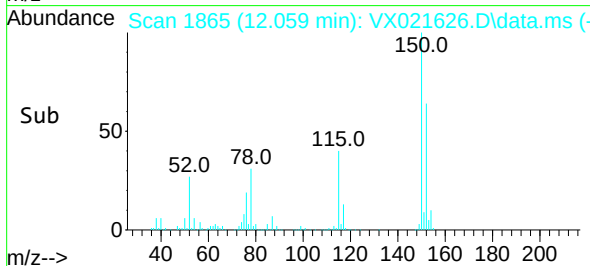
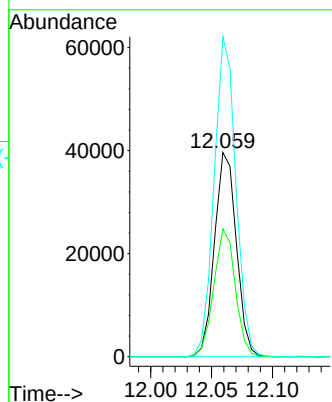
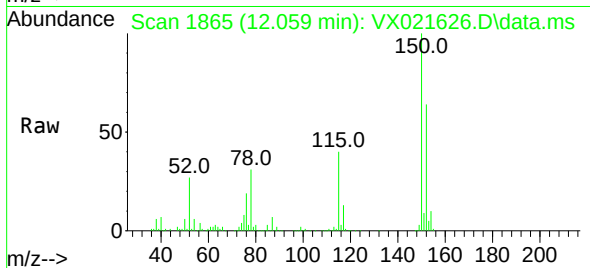




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021626.D
 Acq: 30 Mar 2021 14:03

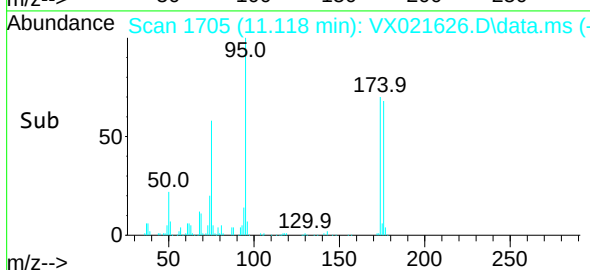
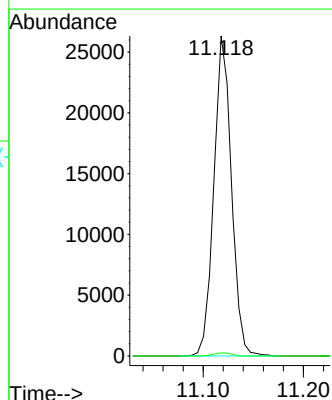
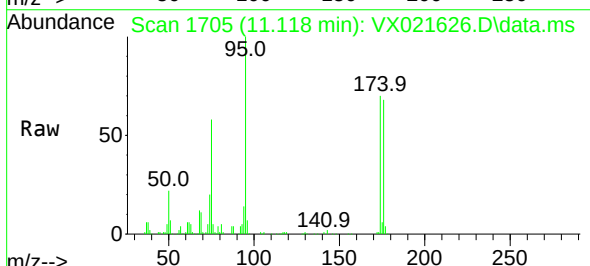
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-032921

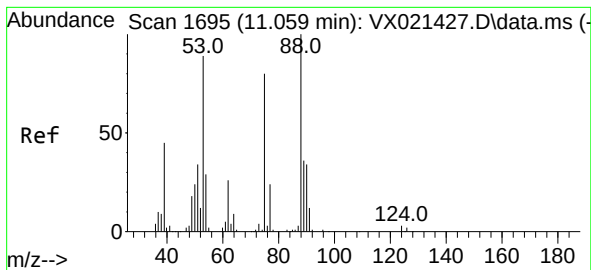
Tgt Ion:152 Resp: 49589
 Ion Ratio Lower Upper
 152 100
 115 61.6 41.1 123.3
 150 155.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.81 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021626.D
 Acq: 30 Mar 2021 14:03

Tgt Ion: 75 Resp: 32104
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.71 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021626.D
 Acq: 30 Mar 2021 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-032921

Tgt Ion: 75 Resp: 32104
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

