

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021550.D
 Acq On : 26 Mar 2021 23:59
 Operator : JC/MD
 Sample : M1787-11DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:34:41 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	67151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	124199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57633	51.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.16%
35) Dibromofluoromethane	5.464	113	43503	49.82	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.64%
50) Toluene-d8	8.694	98	154275	49.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.16%
62) 4-Bromofluorobenzene	11.118	95	62137	51.36	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.72%

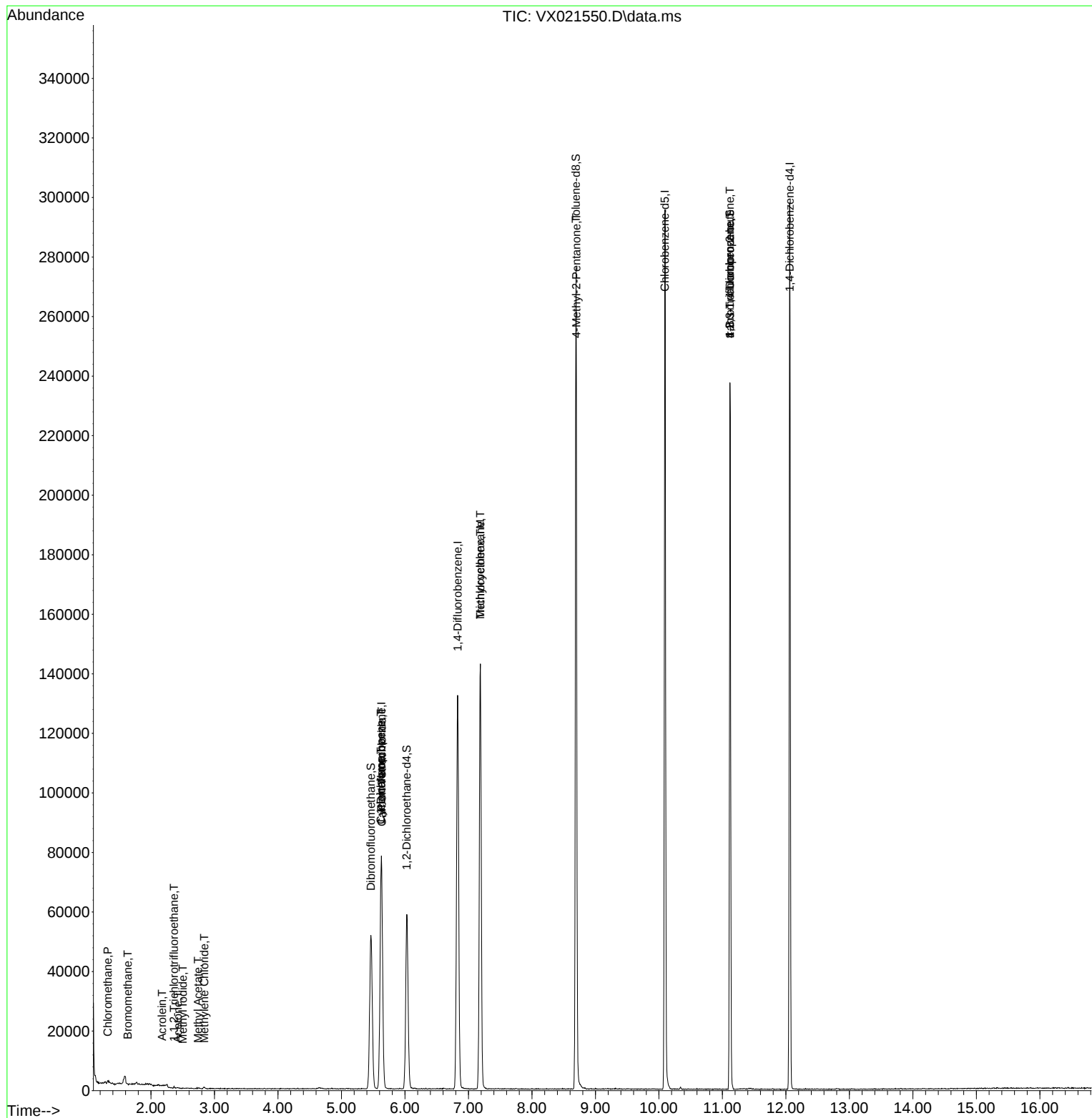
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1447	1.75	ug/l	100
5) Bromomethane	1.634	94	62	0.20	ug/l #	76
9) 1,1,2-Trichlorotrifluo...	2.364	101	174	0.25	ug/l #	71
10) Methyl Iodide	2.499	142	19	6.67	ug/l #	42
13) Acrolein	2.175	56	18	4.49	ug/l #	1
16) Acetone	2.423	43	314	0.74	ug/l #	40
18) Methyl Acetate	2.740	43	268	0.22	ug/l #	47
20) Methylene Chloride	2.840	84	198	0.24	ug/l #	82
31) Cyclohexane	5.623	56	1863	1.52	ug/l #	19
36) 1,1-Dichloropropene	5.623	75	6146	5.10	ug/l #	49
38) Carbon Tetrachloride	5.635	117	7199	5.56	ug/l #	17
39) Methylcyclohexane	7.188	83	693	0.52	ug/l #	1
44) Trichloroethene	7.188	130	49207	54.52	ug/l	95
51) 4-Methyl-2-Pentanone	8.700	43	928	0.67	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	34484	26.25	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	34484	79.97	ug/l #	12

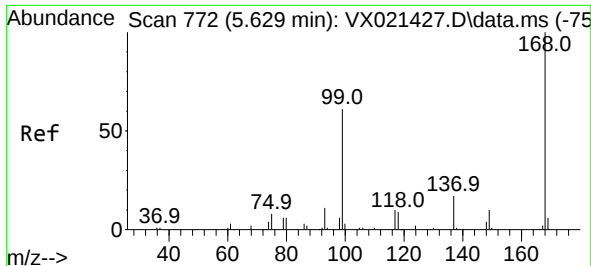
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

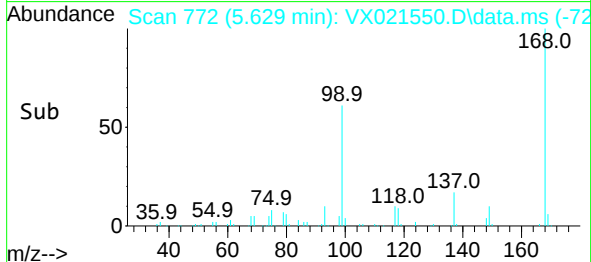
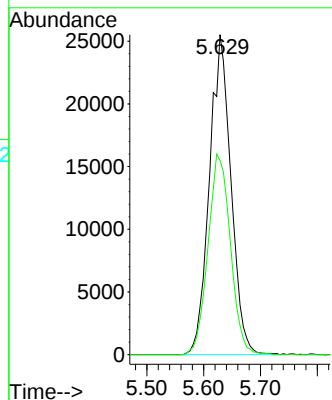
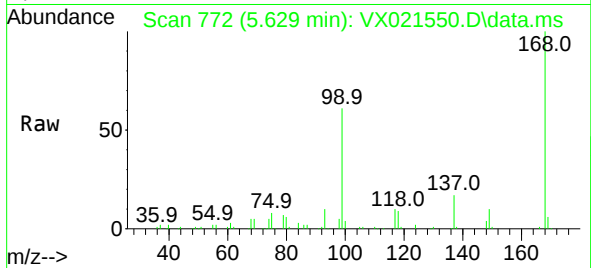




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

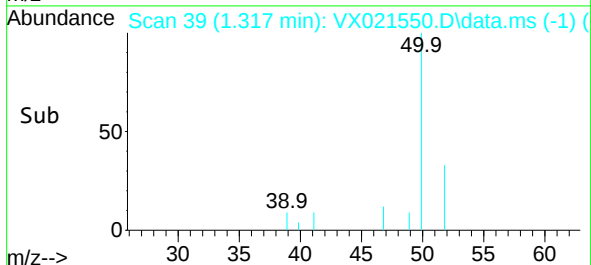
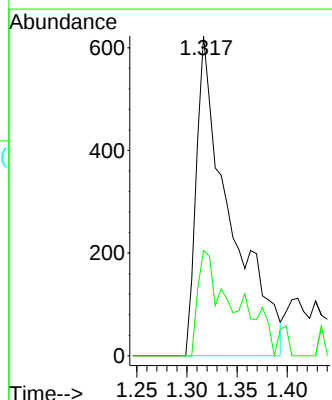
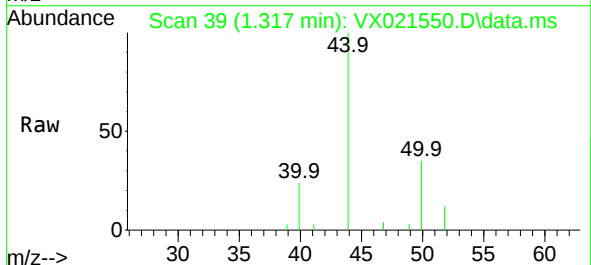
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MSVOA_X
ClientSampleId :

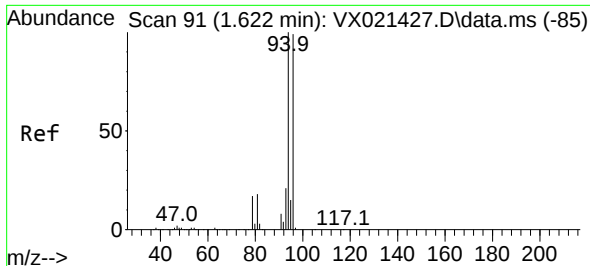
Tgt Ion:168 Resp: 67151
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#3
Chloromethane
Concen: 1.75 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion: 50 Resp: 1447
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

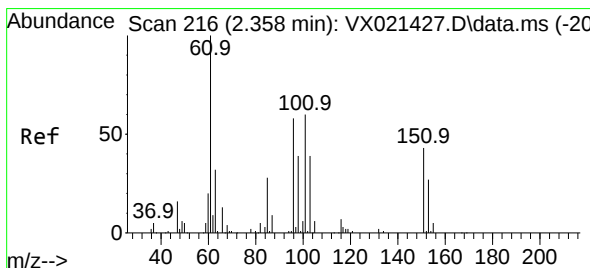
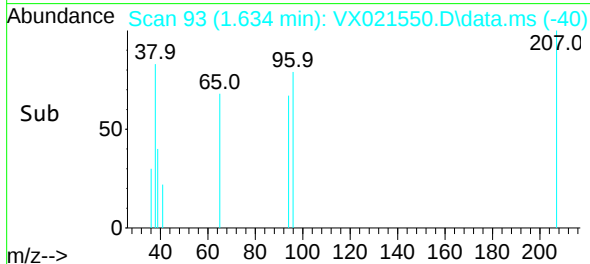
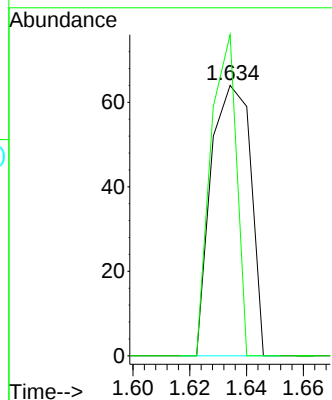
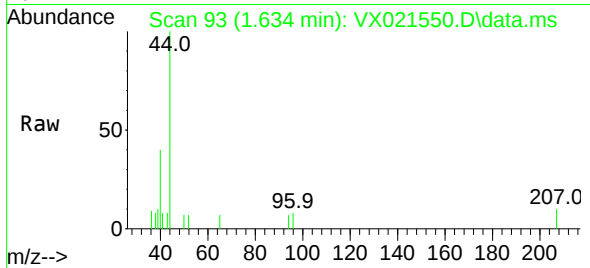




#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

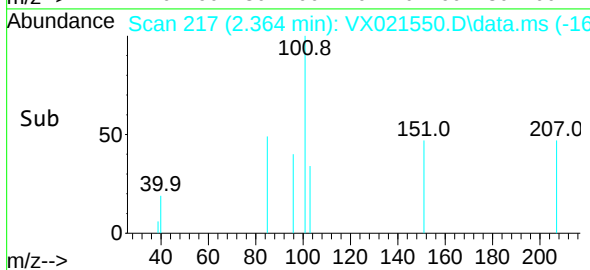
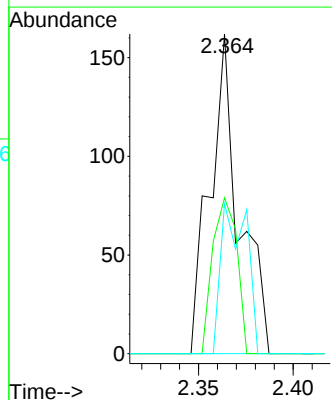
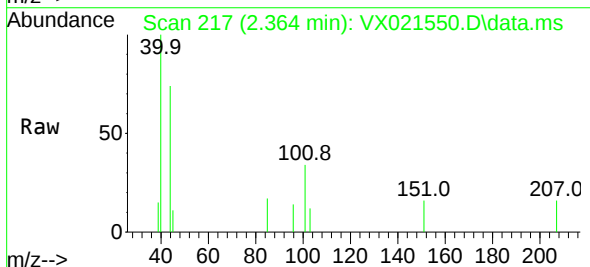
Instrument :
MSVOA_X
ClientSampled :

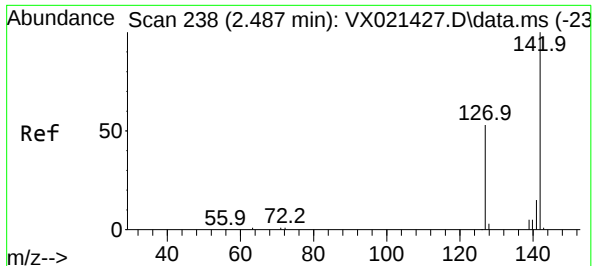
Tgt Ion: 94 Resp: 62
Ion Ratio Lower Upper
94 100
96 118.8 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.25 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion:101 Resp: 174
Ion Ratio Lower Upper
101 100
85 40.2 34.9 52.3
151 40.8 61.4 92.2#

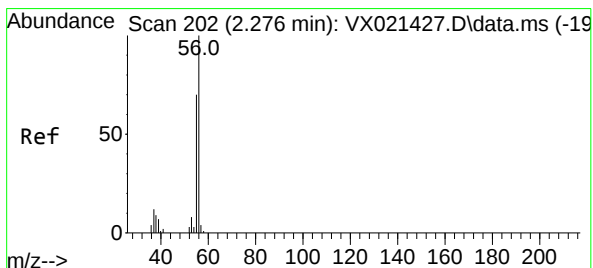
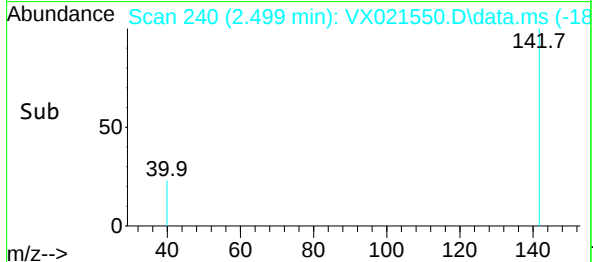
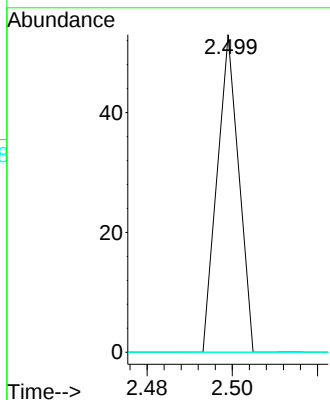
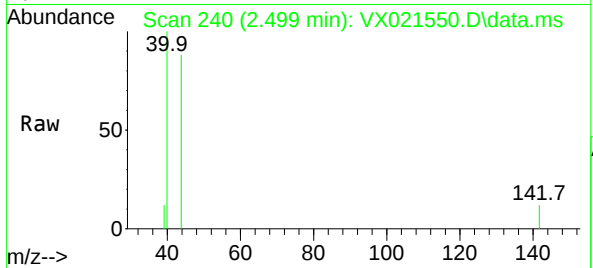




#10
Methyl Iodide
Concen: 6.67 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

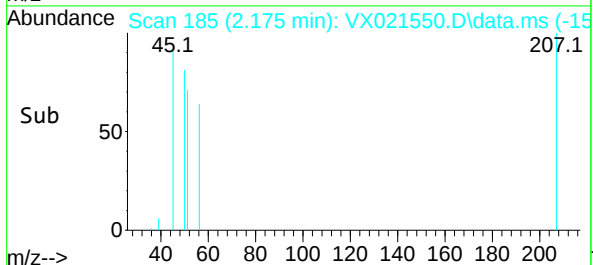
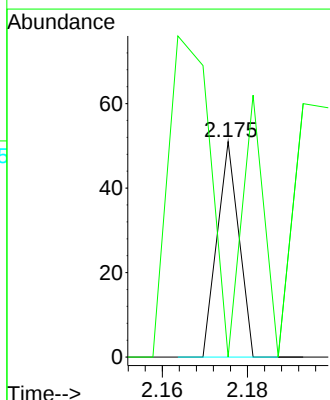
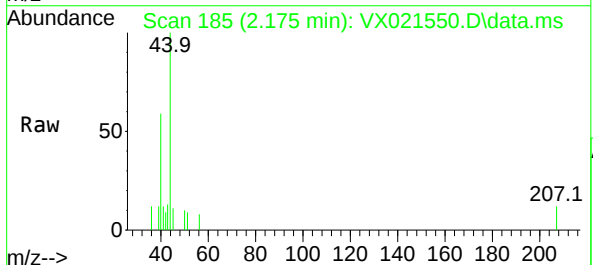
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 4.49 ug/l
RT: 2.175 min Scan# 185
Delta R.T. -0.101 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 283.3 56.4 84.6#

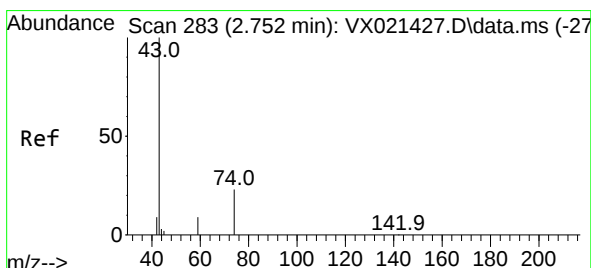
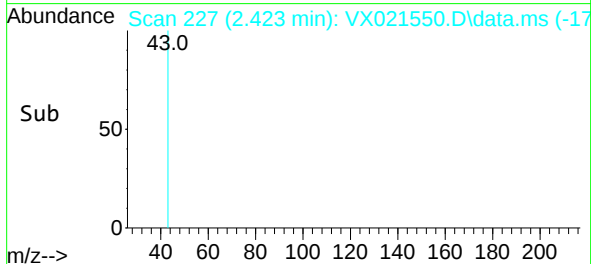
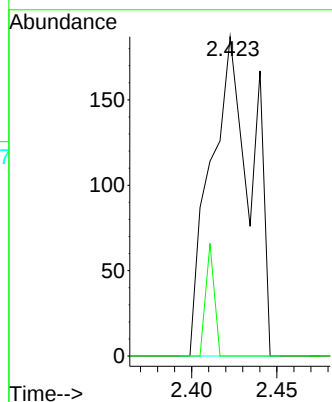
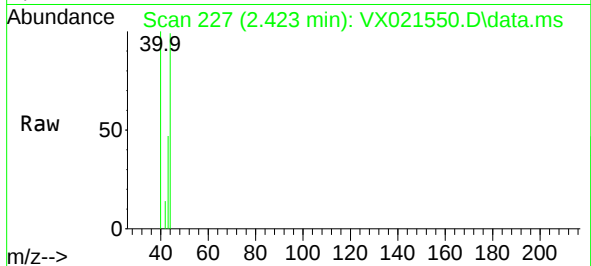




#16
Acetone
Concen: 0.74 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

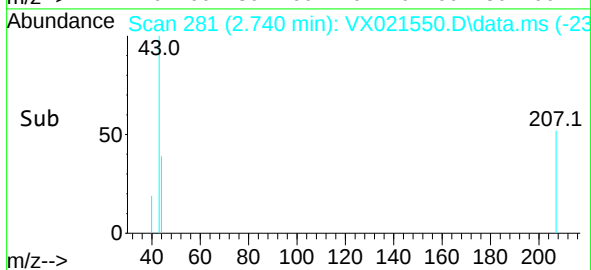
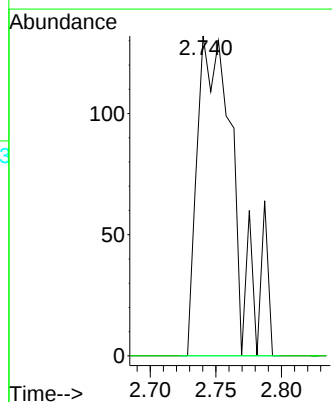
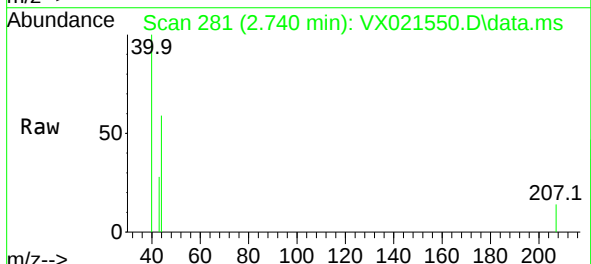
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.740 min Scan# 281
Delta R.T. -0.012 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021550.D

Acq: 26 Mar 2021 23:59

Tgt Ion: 84 Resp: 198

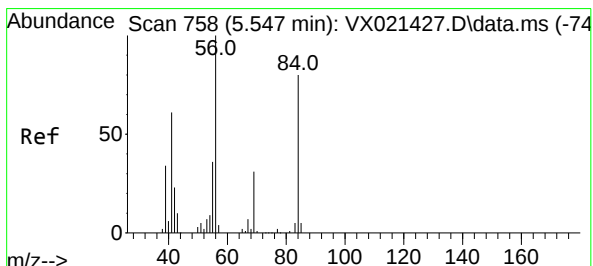
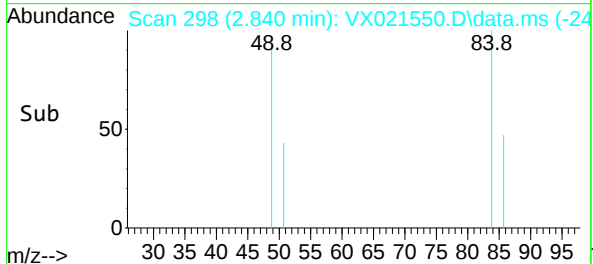
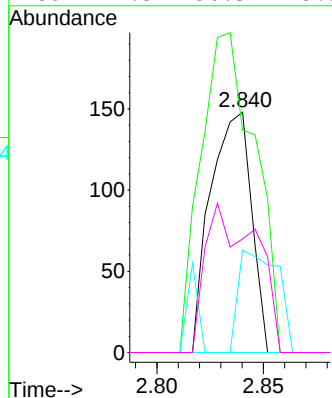
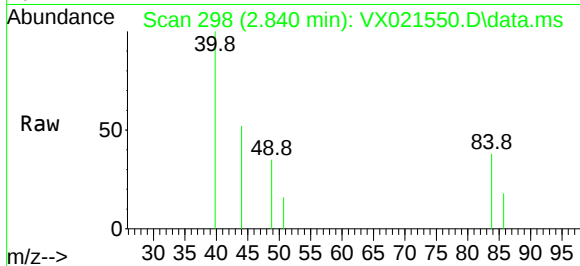
Ion Ratio Lower Upper

84 100

49 92.6 88.6 132.8

51 42.6 27.0 40.6#

86 47.3 50.3 75.5#



#31

Cyclohexane

Concen: 1.52 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021550.D

Acq: 26 Mar 2021 23:59

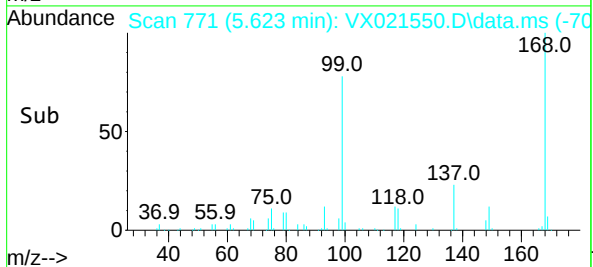
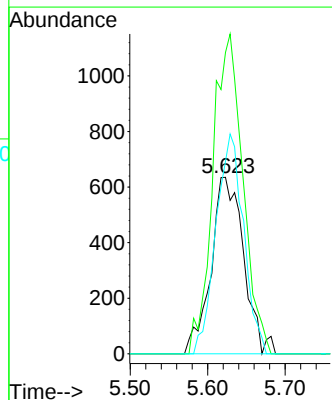
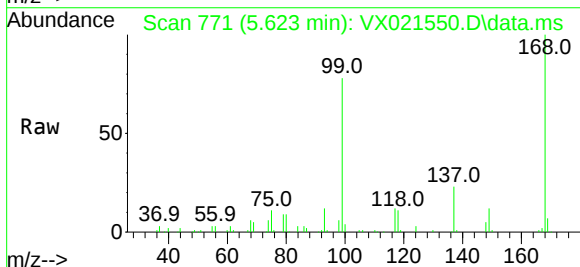
Tgt Ion: 56 Resp: 1863

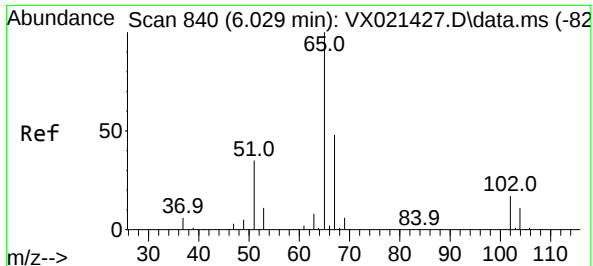
Ion Ratio Lower Upper

56 100

69 170.7 25.3 37.9#

84 109.0 71.4 107.0#

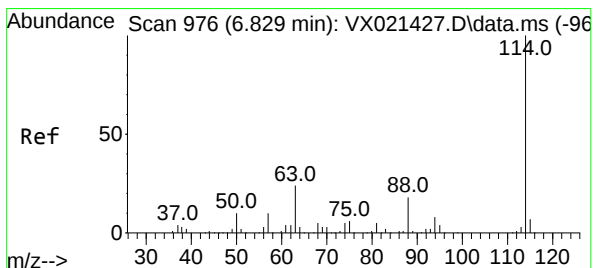
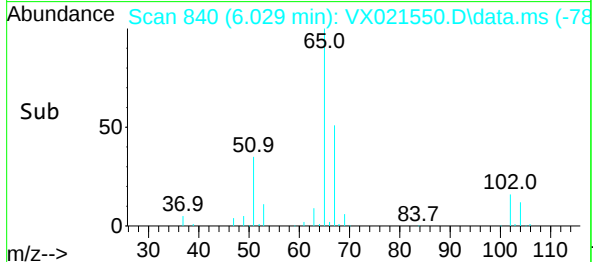
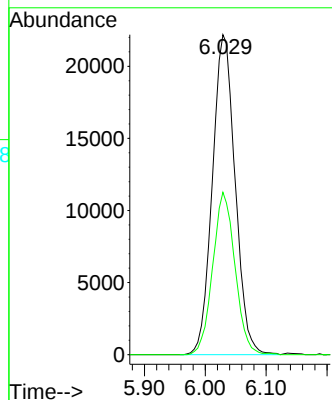
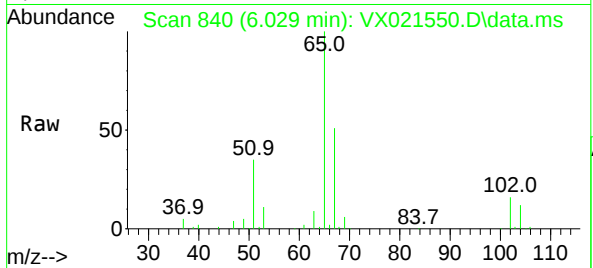




#33
 1,2-Dichloroethane-d4
 Concen: 51.58 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021550.D
 Acq: 26 Mar 2021 23:59

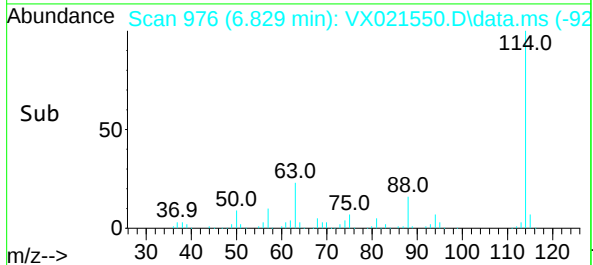
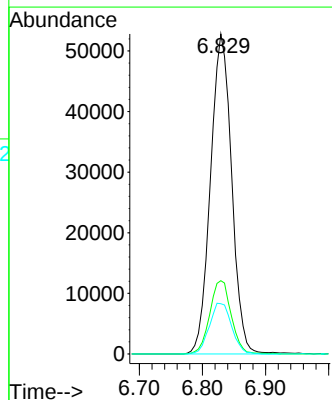
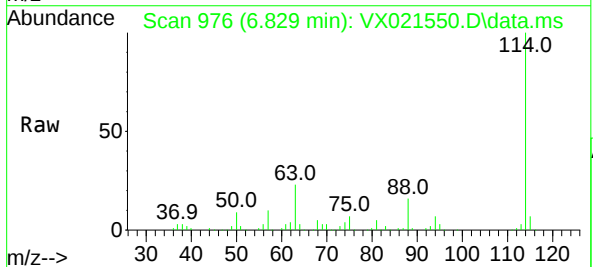
Instrument :
 MSVOA_X
 ClientSampled :

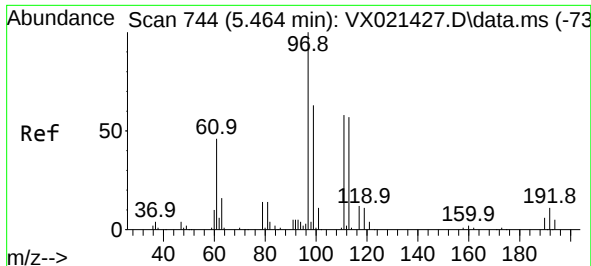
Tgt Ion: 65 Resp: 57633
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021550.D
 Acq: 26 Mar 2021 23:59

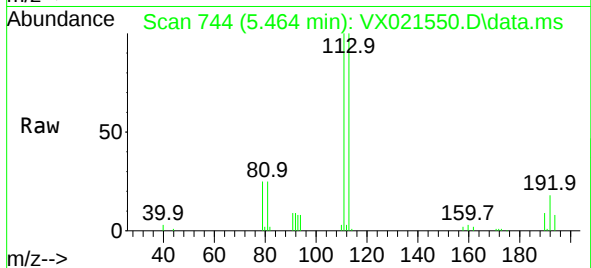
Tgt Ion: 114 Resp: 122926
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 40.8
 88 15.7 0.0 32.8



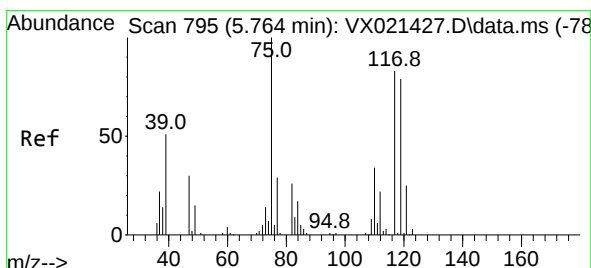
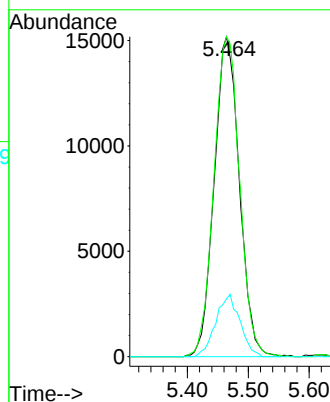
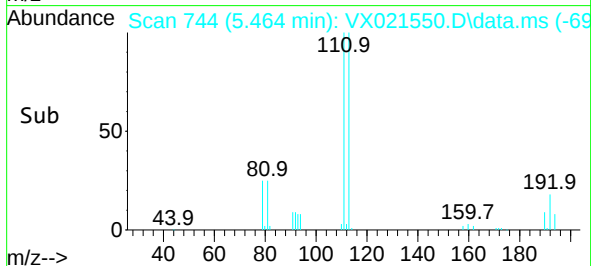


#35
Dibromofluoromethane
Concen: 49.82 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

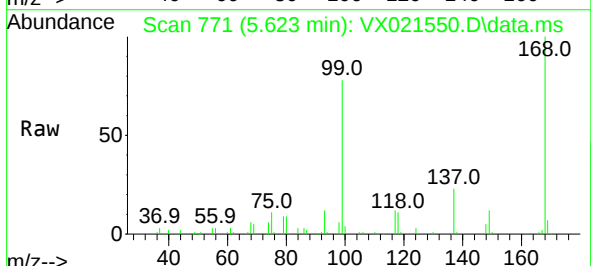
Instrument :
MSVOA_X
ClientSampleId :



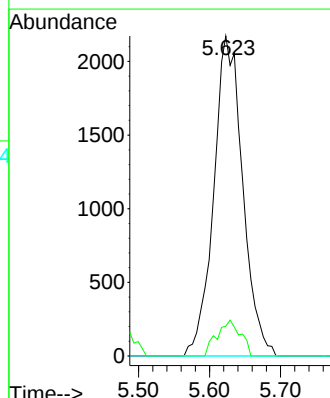
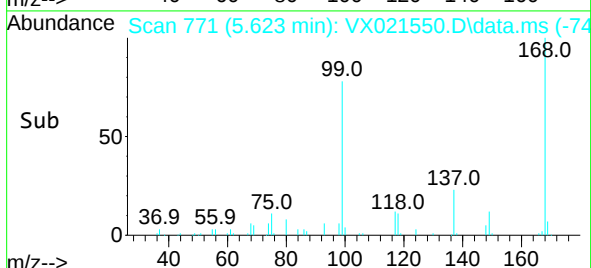
Tgt Ion:113 Resp: 43503
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 18.7 16.7 25.1

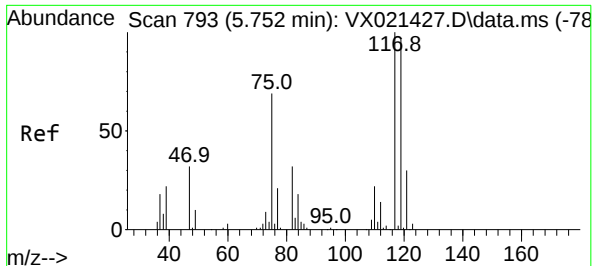


#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59



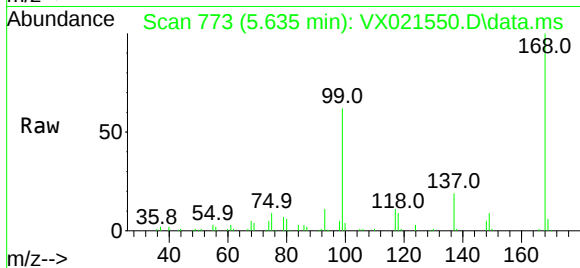
Tgt Ion: 75 Resp: 6146
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



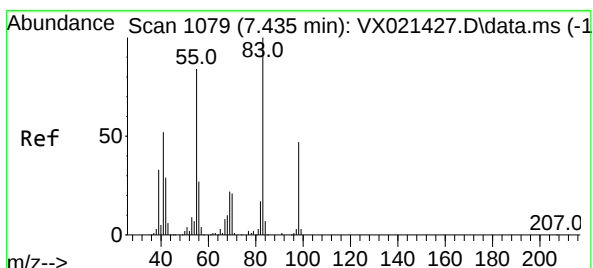
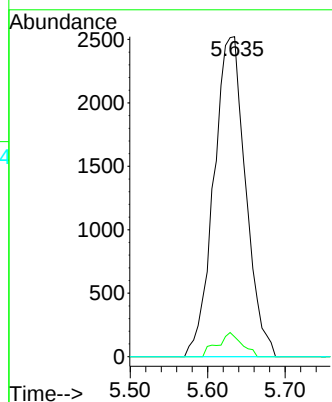
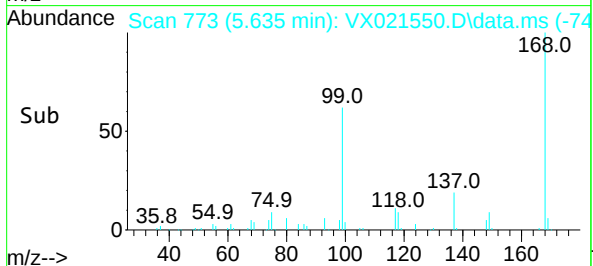


#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

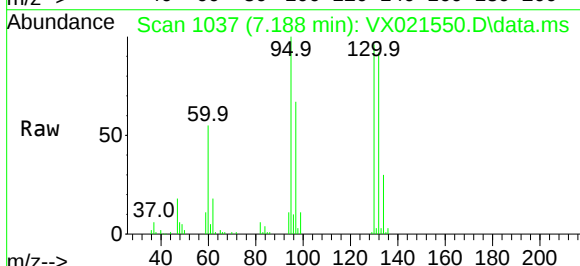
Instrument :
MSVOA_X
ClientSampleId :



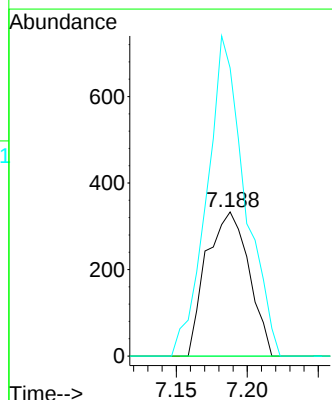
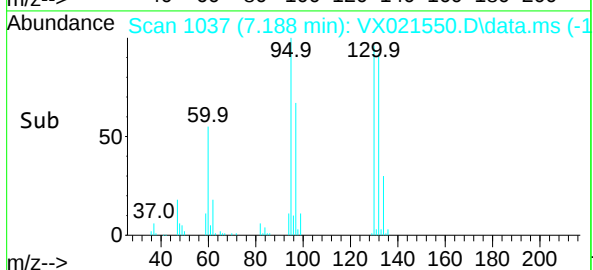
Tgt Ion:117 Resp: 7199
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

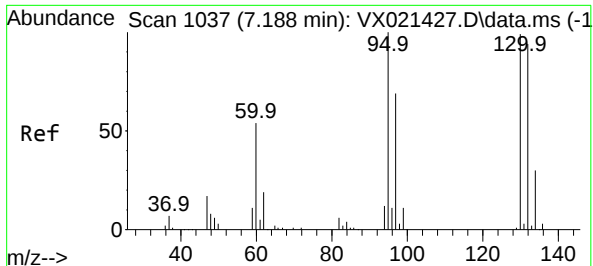


#39
Methylcyclohexane
Concen: 0.52 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59



Tgt Ion: 83 Resp: 693
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 236.2 38.1 57.1#

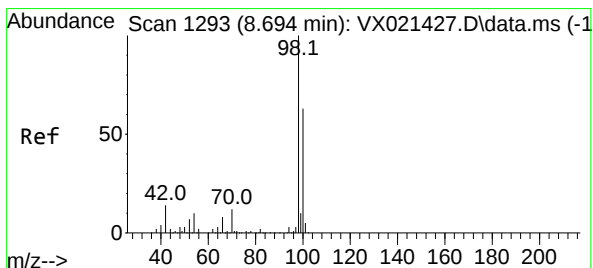
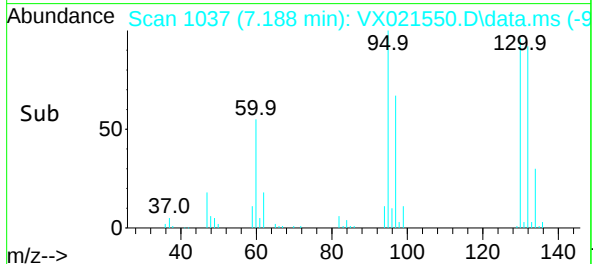
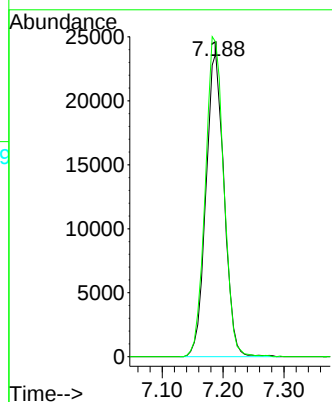
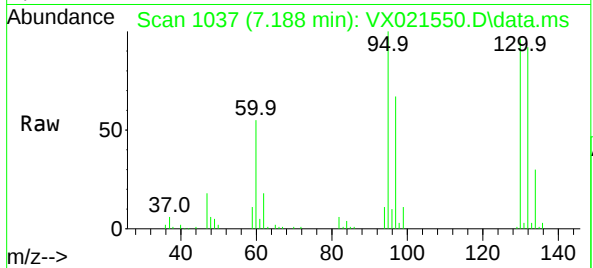




#44
Trichloroethene
Concen: 54.52 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

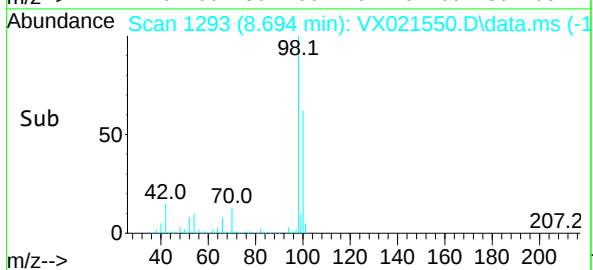
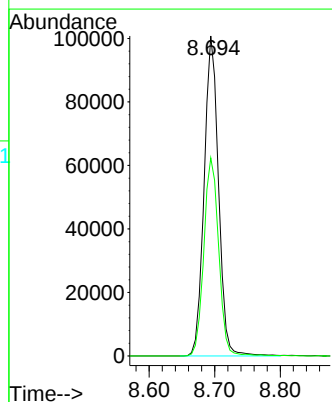
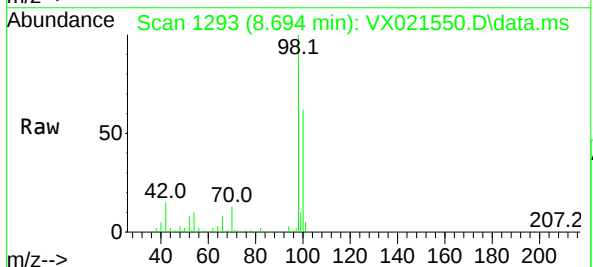
Instrument :
MSVOA_X
ClientSampled :

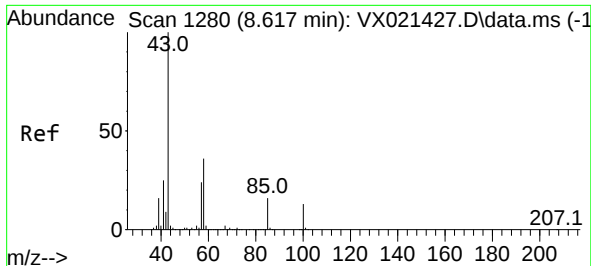
Tgt Ion:130 Resp: 49207
Ion Ratio Lower Upper
130 100
95 103.7 0.0 198.0



#50
Toluene-d8
Concen: 49.58 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion: 98 Resp: 154275
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

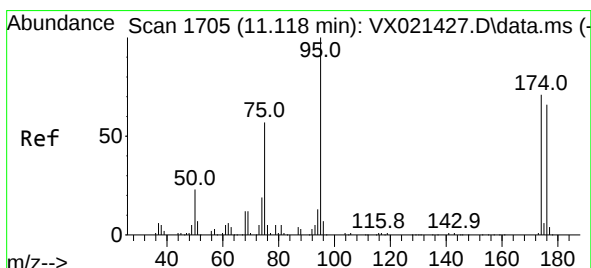
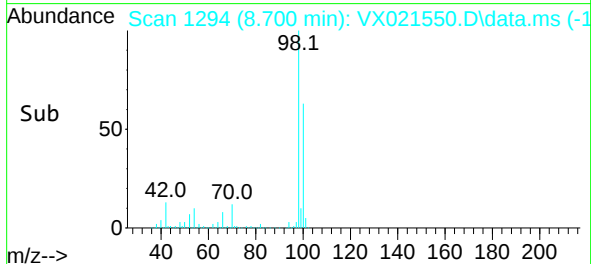
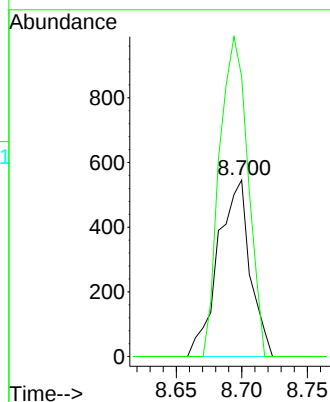
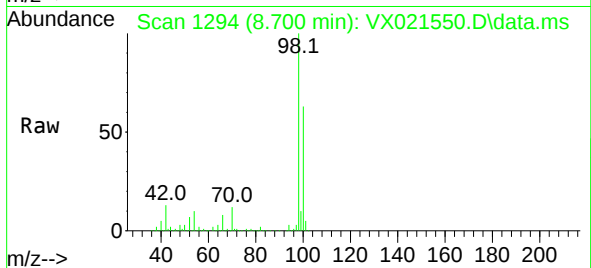




#51
4-Methyl-2-Pentanone
Concen: 0.67 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

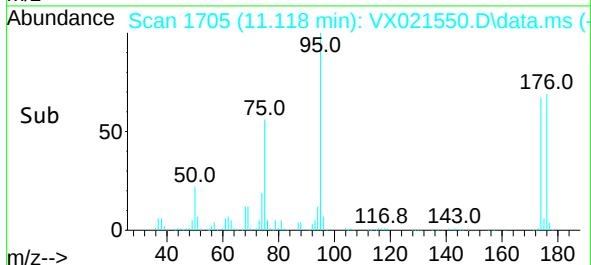
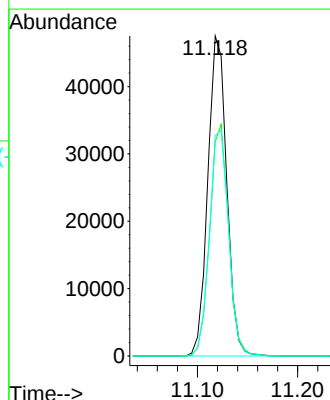
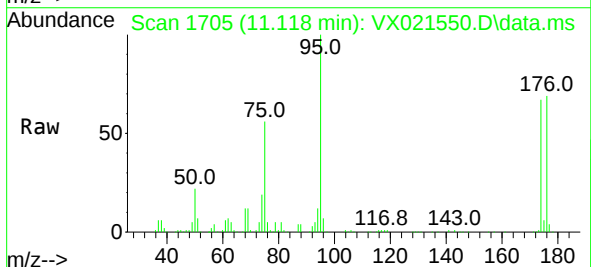
Instrument :
MSVOA_X
ClientSampled :

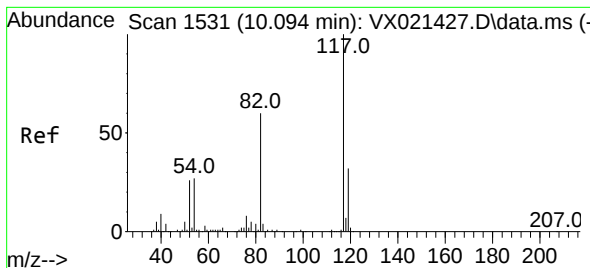
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 160.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.36 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion: 95 Resp: 62137
Ion Ratio Lower Upper
95 100
174 72.2 0.0 154.6
176 71.4 0.0 155.8

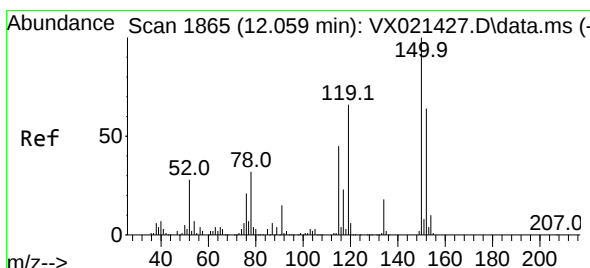
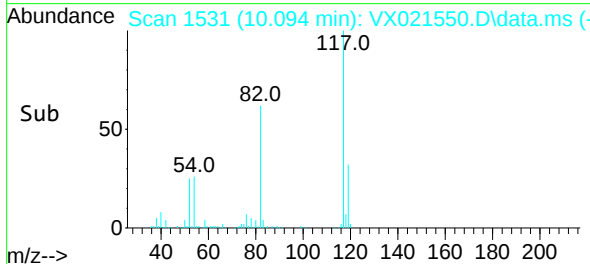
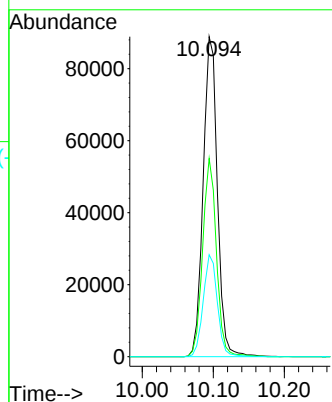
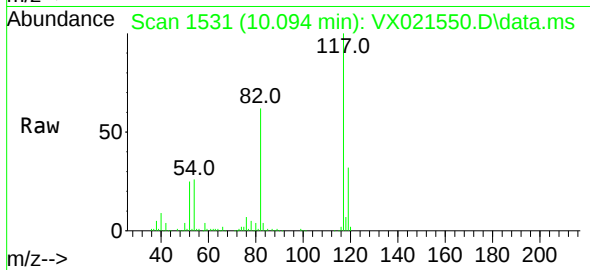




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

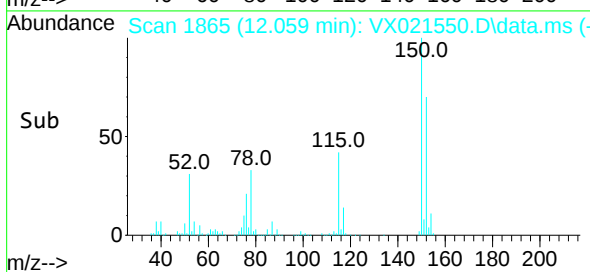
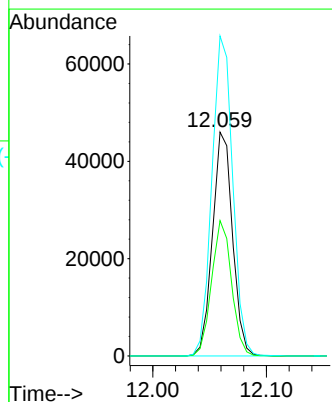
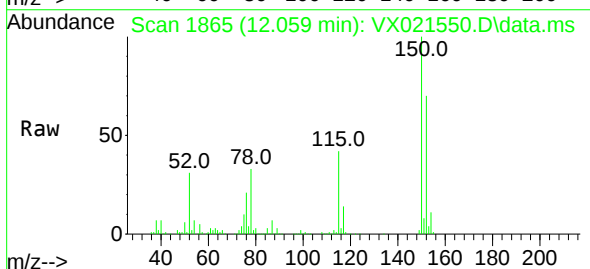
Instrument :
MSVOA_X
ClientSampleId :

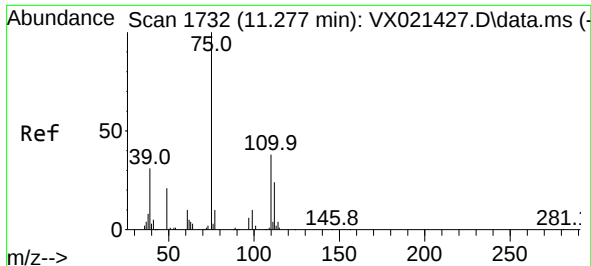
Tgt Ion:117 Resp: 124199
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion:152 Resp: 56419
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 148.2 0.0 349.0

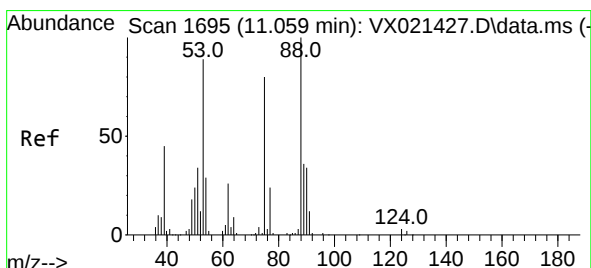
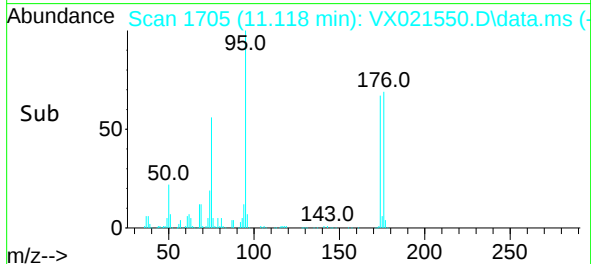
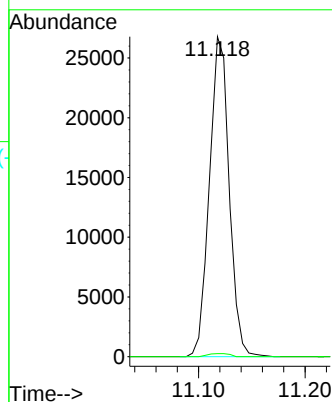
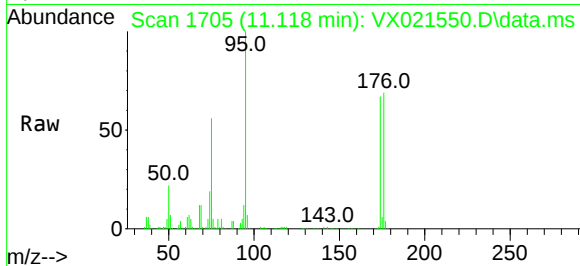




#76
1,2,3-Trichloropropane
Concen: 26.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 34484
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.97 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021550.D
Acq: 26 Mar 2021 23:59

Tgt Ion: 75 Resp: 34484
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

