

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022266.D
 Acq On : 28 May 2021 21:34
 Operator : JC/MD
 Sample : M2532-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-5-26-2021

Quant Time: May 29 04:56:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

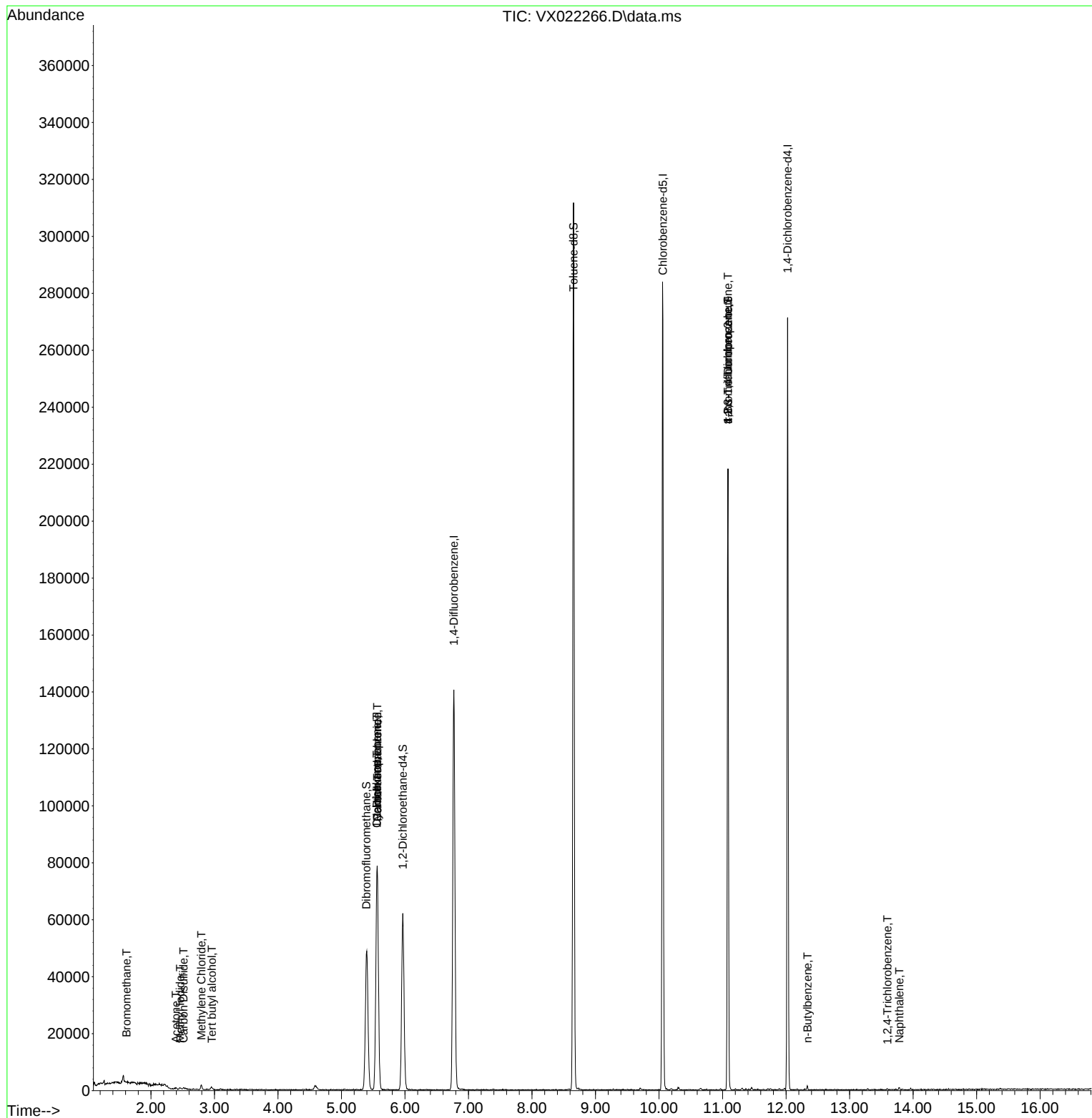
Internal Standards						
1) Pentafluorobenzene	5.562	168	67304	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	142602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	122986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55641	53.59	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	107.18%	
35) Dibromofluoromethane	5.391	113	42417	46.91	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	93.82%	
50) Toluene-d8	8.653	98	172001	49.38	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.085	95	60217	46.77	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	93.54%	
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	246	0.45	ug/l	# 57
10) Methyl Iodide	2.459	142	570	0.67	ug/l	# 92
11) Tert butyl alcohol	2.959	59	533	2.24	ug/l	# 73
16) Acetone	2.392	43	483	1.07	ug/l	# 81
17) Carbon Disulfide	2.514	76	561	0.28	ug/l	# 75
20) Methylene Chloride	2.794	84	624	0.62	ug/l	# 80
31) Cyclohexane	5.556	56	1931	1.48	ug/l	# 3
36) 1,1-Dichloropropene	5.556	75	6392	4.85	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	7733	5.99	ug/l	# 17
76) 1,2,3-Trichloropropane	11.085	75	30959	25.81	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	30959	61.15	ug/l	# 12
89) n-Butylbenzene	12.341	91	651	0.20	ug/l	77
93) 1,2,4-Trichlorobenzene	13.597	180	263	0.27	ug/l	# 73
95) Naphthalene	13.786	128	838	0.22	ug/l	# 88

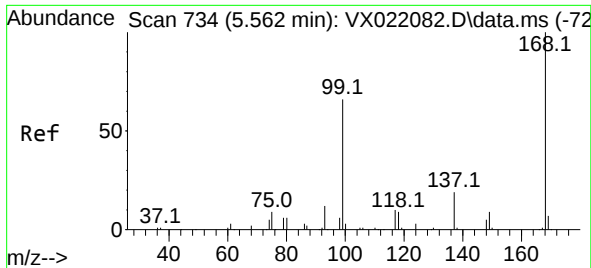
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TB-5-26-2021

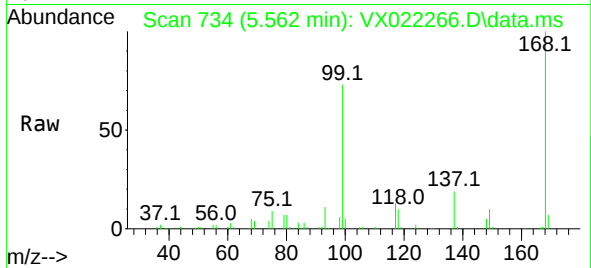
Quant Time: May 29 04:56:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



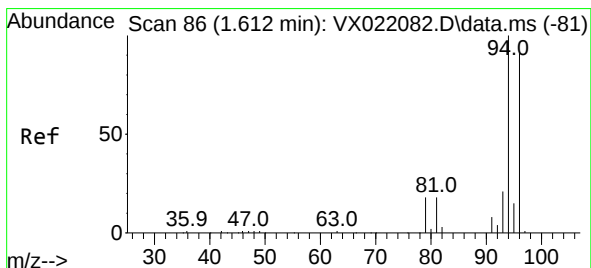
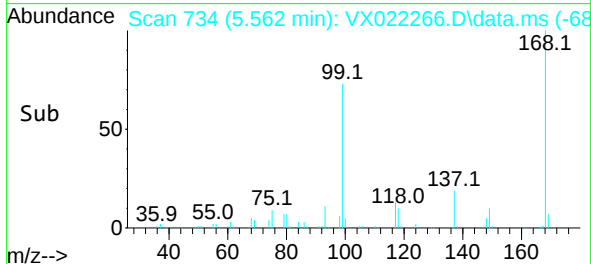
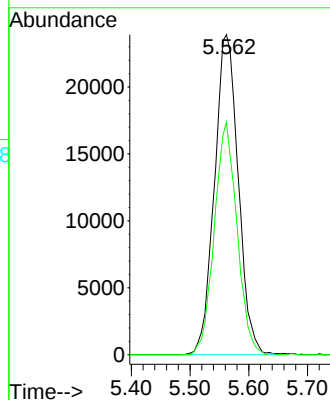


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Instrument :
MSVOA_X
ClientSampled :
TB-5-26-2021

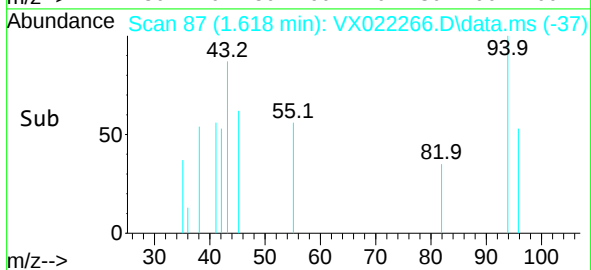
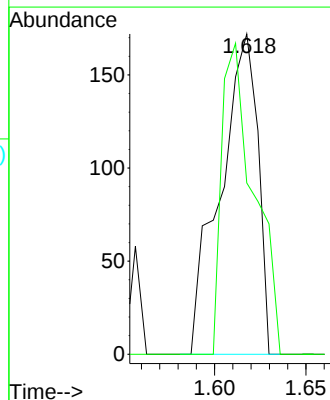
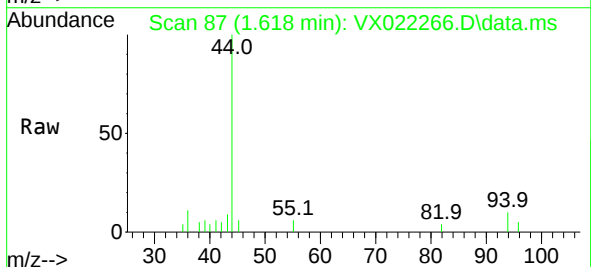


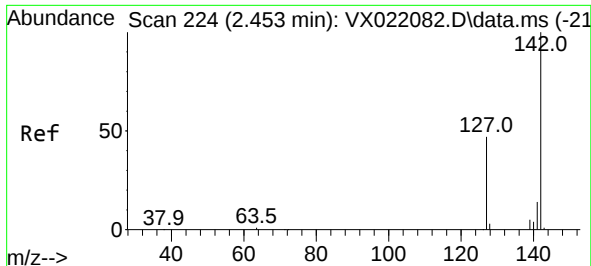
Tgt Ion:168 Resp: 67304
Ion Ratio Lower Upper
168 100
99 72.7 45.8 68.6#



#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

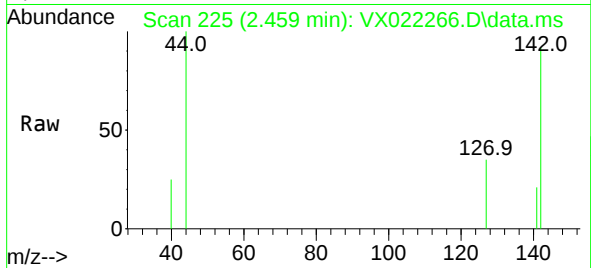
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 53.5 76.4 114.6#



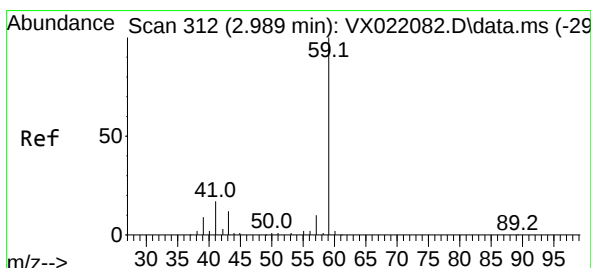
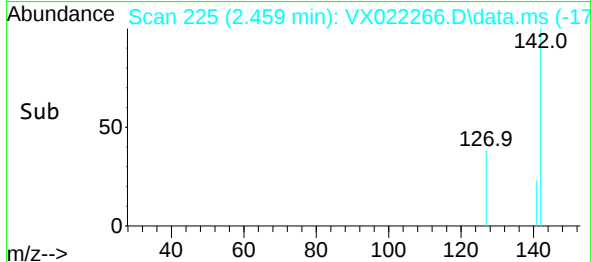
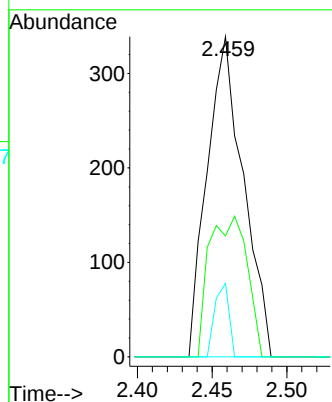


#10
Methyl Iodide
Concen: 0.67 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Instrument :
MSVOA_X
ClientSampleId :
TB-5-26-2021

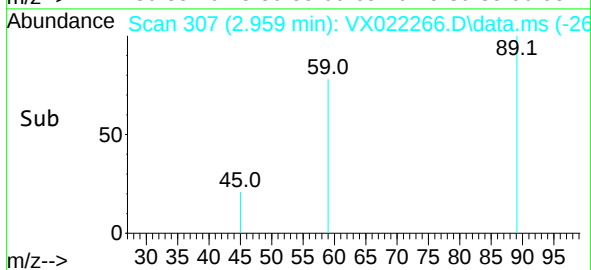
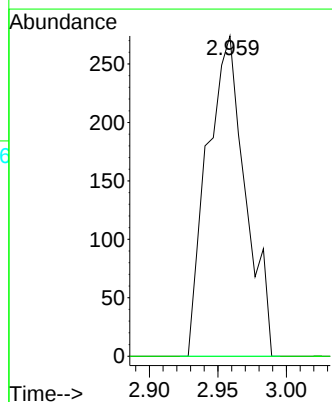
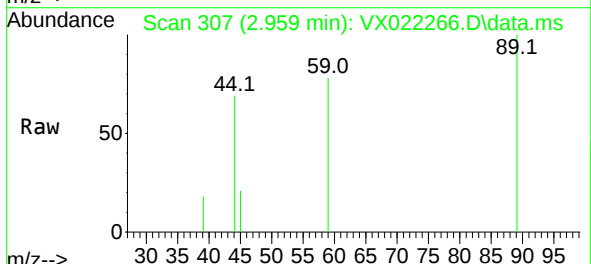


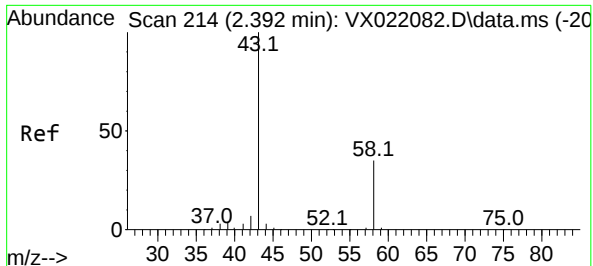
Tgt Ion:142 Resp: 570
Ion Ratio Lower Upper
142 100
127 46.0 33.3 49.9
141 8.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.24 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Tgt Ion: 59 Resp: 533
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

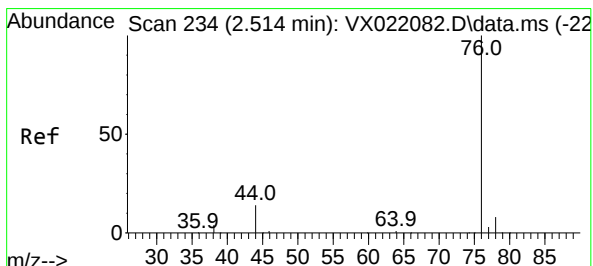
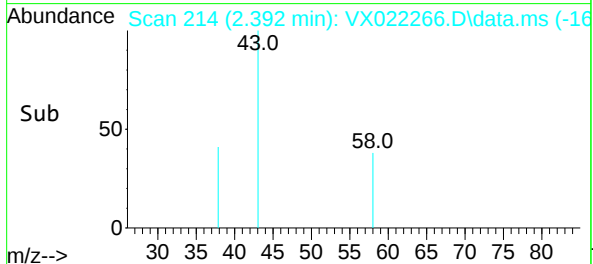
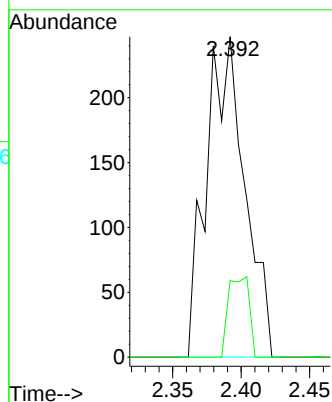
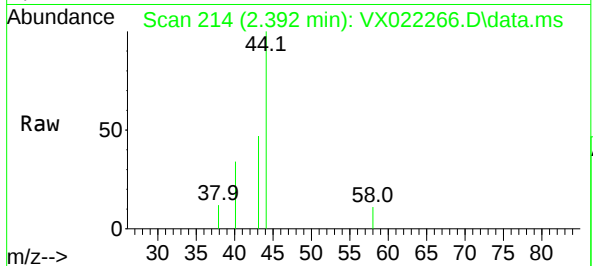




#16
Acetone
Concen: 1.07 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

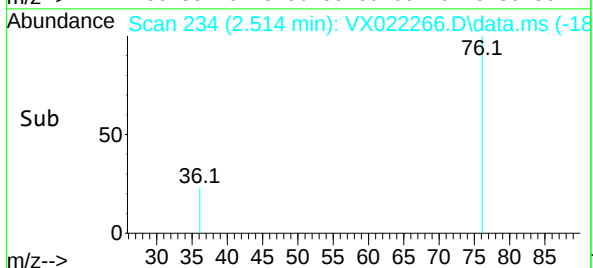
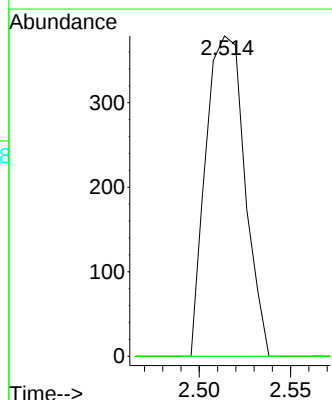
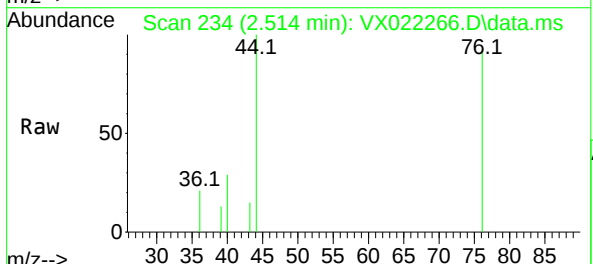
Instrument :
MSVOA_X
ClientSampled :
TB-5-26-2021

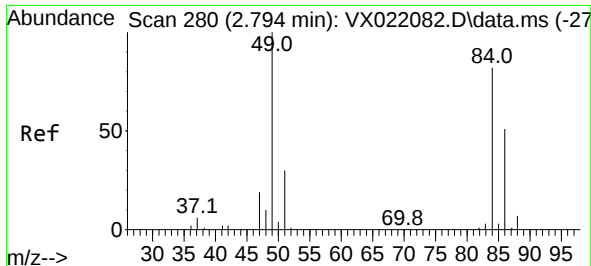
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 23.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Tgt Ion: 76 Resp: 561
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



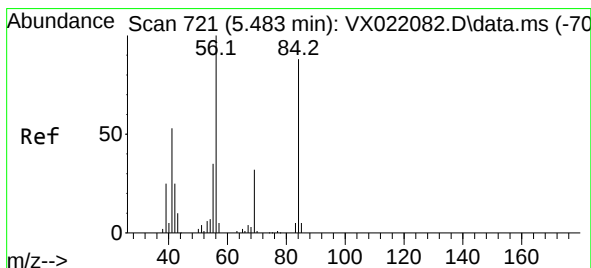
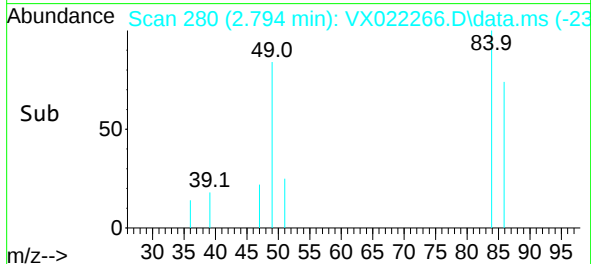
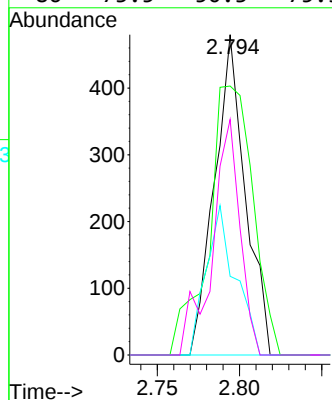
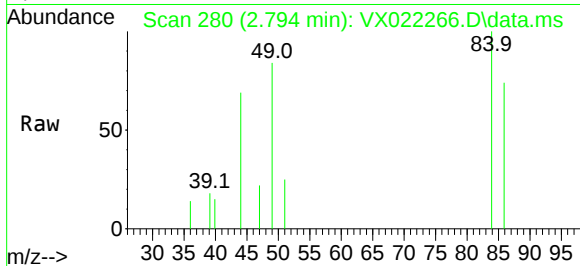


#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Instrument :
MSVOA_X
ClientSampled :
TB-5-26-2021

Tgt Ion: 84 Resp: 624

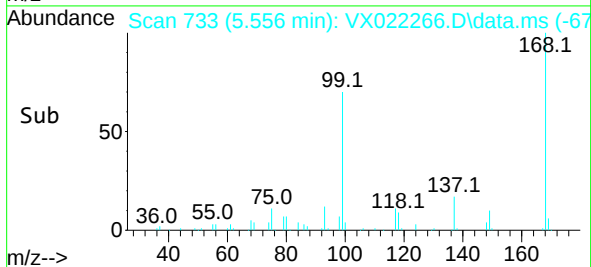
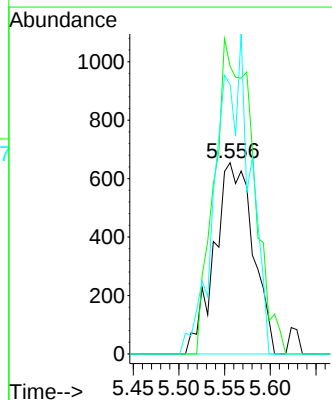
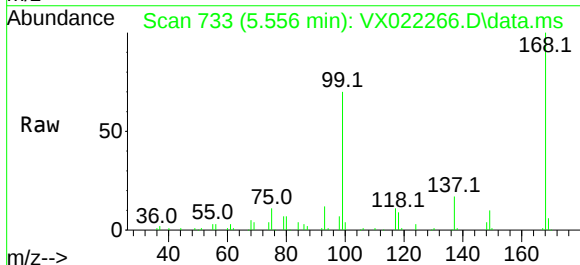
Ion	Ratio	Lower	Upper
84	100		
49	84.0	88.6	132.8#
51	24.6	27.0	40.6#
86	73.5	50.3	75.5

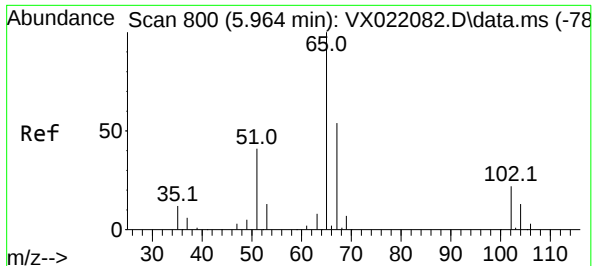


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Tgt Ion: 56 Resp: 1931

Ion	Ratio	Lower	Upper
56	100		
69	150.5	25.3	37.9#
84	141.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.59 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022266.D

Acq: 28 May 2021 21:34

Tgt Ion: 65 Resp: 55641

Ion Ratio Lower Upper

65 100

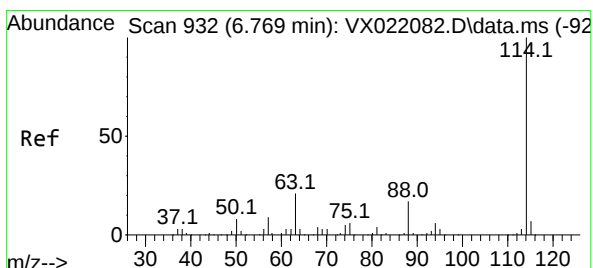
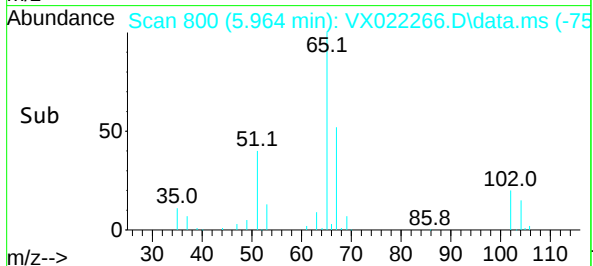
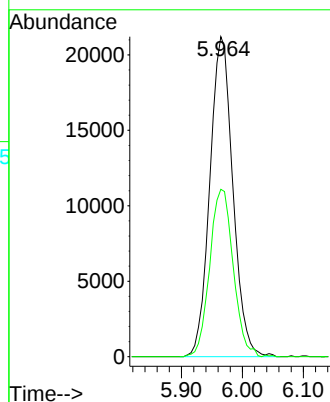
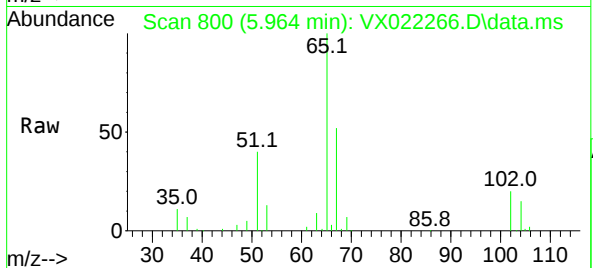
67 53.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

TB-5-26-2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022266.D

Acq: 28 May 2021 21:34

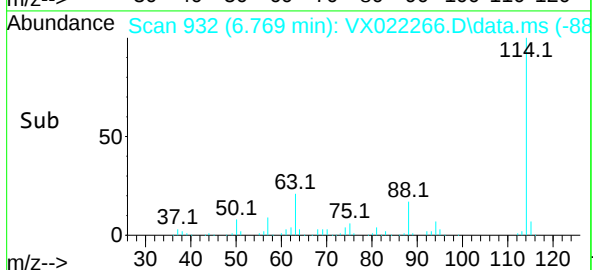
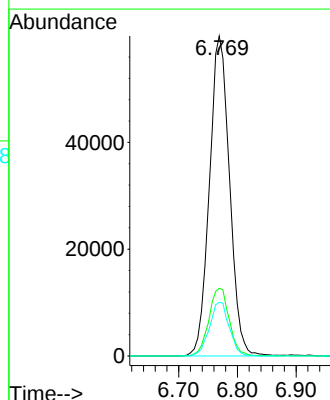
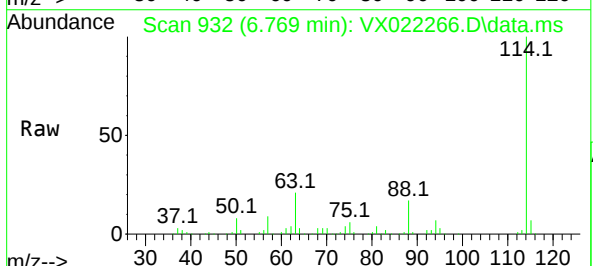
Tgt Ion: 114 Resp: 142602

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.91 ug/l

RT: 5.391 min Scan# 706

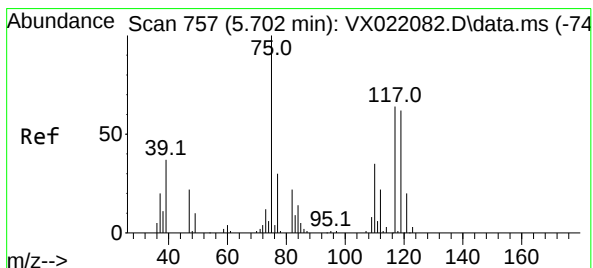
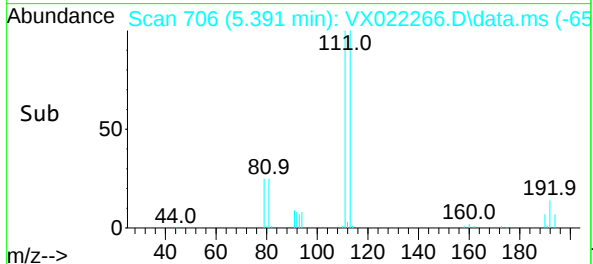
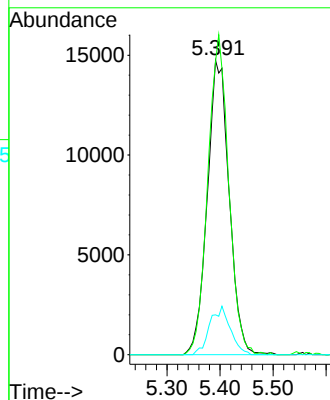
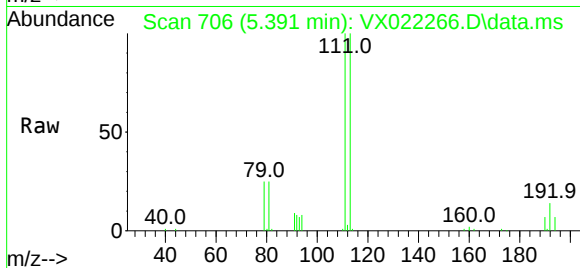
Delta R.T. 0.000 min

Lab File: VX022266.D

Acq: 28 May 2021 21:34

Tgt Ion:	113	Resp:	42417
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	15.4	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :
TB-5-26-2021



#36

1,1-Dichloropropene

Concen: 4.85 ug/l

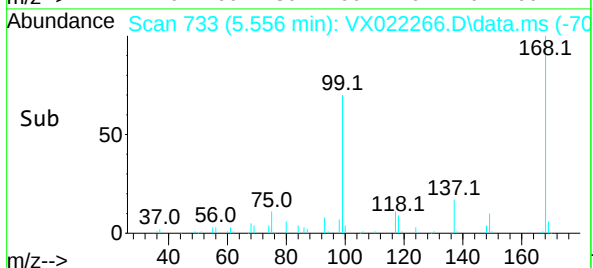
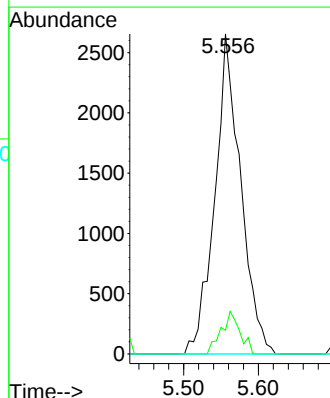
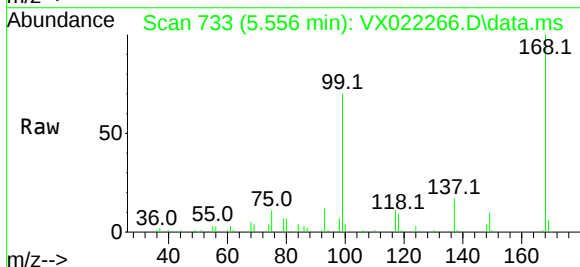
RT: 5.556 min Scan# 733

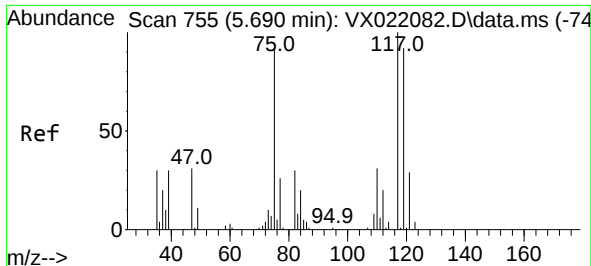
Delta R.T. -0.146 min

Lab File: VX022266.D

Acq: 28 May 2021 21:34

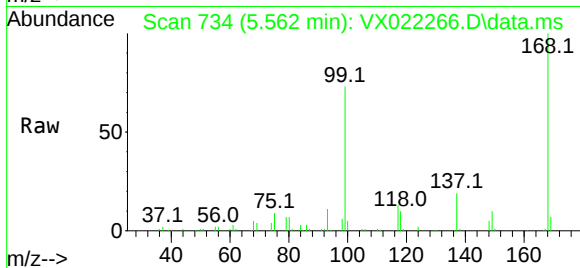
Tgt Ion:	75	Resp:	6392
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	25.3	37.9#



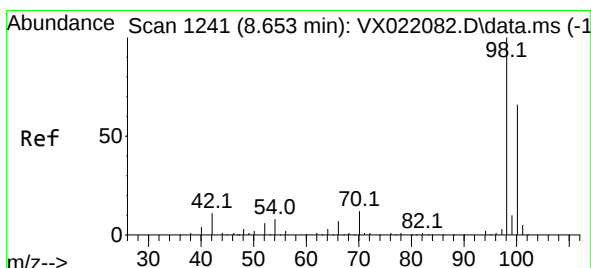
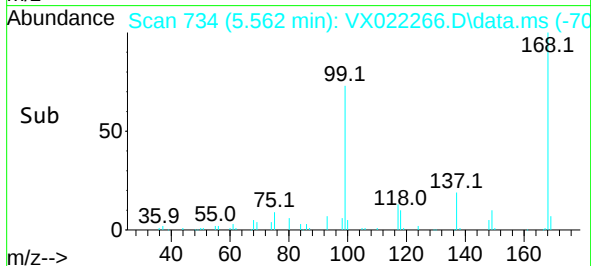
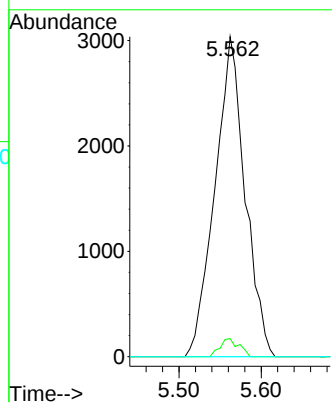


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Instrument :
MSVOA_X
ClientSampleId :
TB-5-26-2021

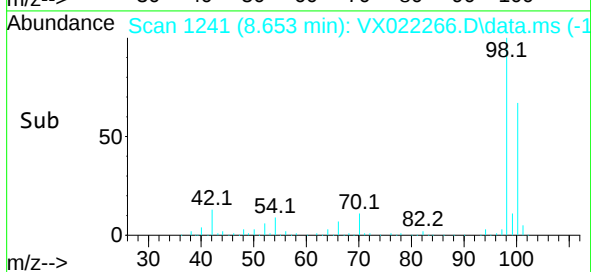
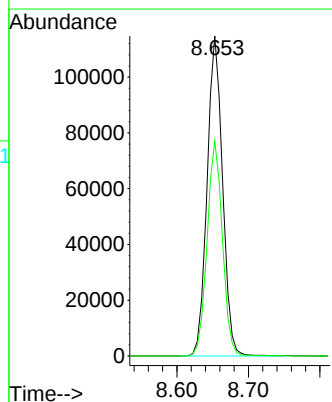
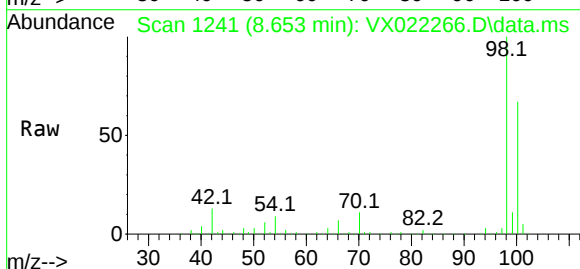


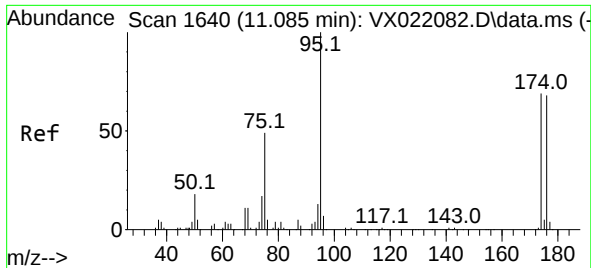
Tgt Ion:117 Resp: 7733
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Tgt Ion: 98 Resp: 172001
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

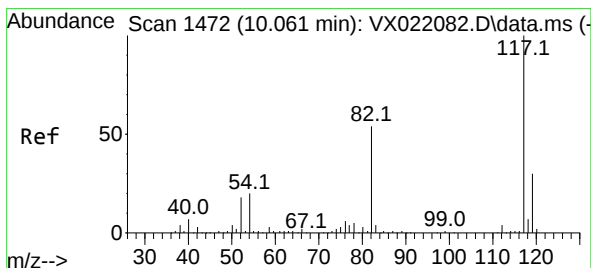
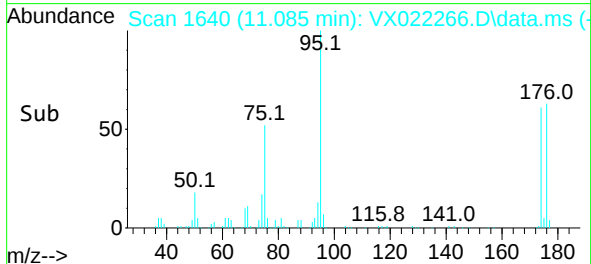
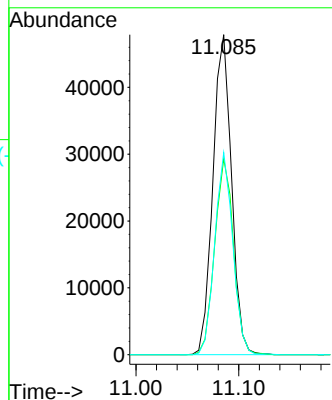
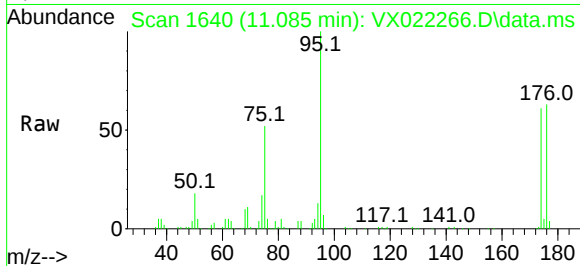




#62
4-Bromofluorobenzene
Concen: 46.77 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

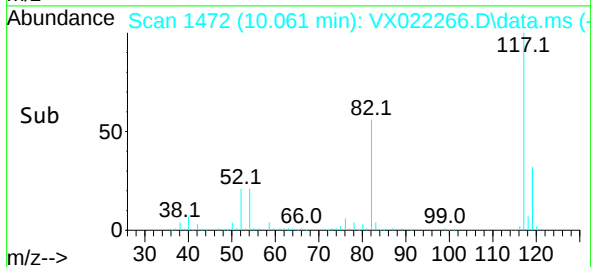
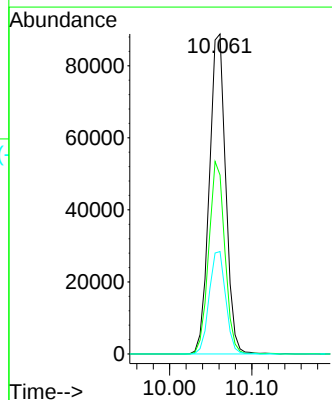
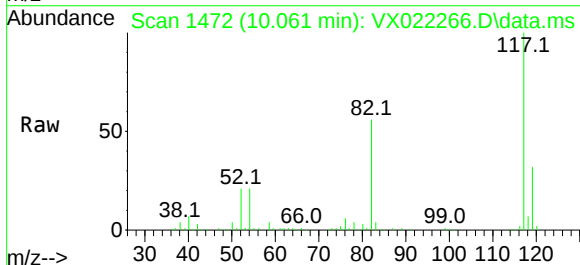
Instrument :
MSVOA_X
ClientSampleId :
TB-5-26-2021

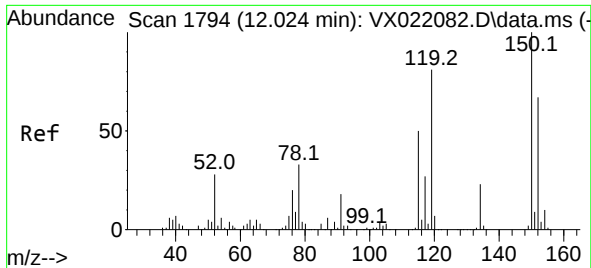
Tgt Ion: 95 Resp: 60217
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 61.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Tgt Ion: 117 Resp: 122986
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.0 26.6 39.8

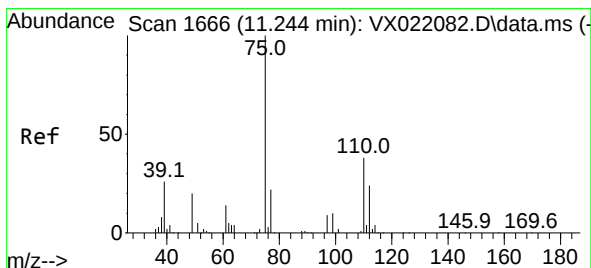
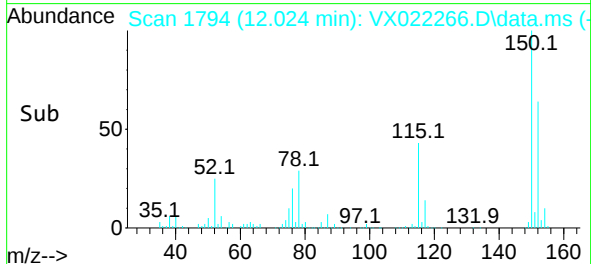
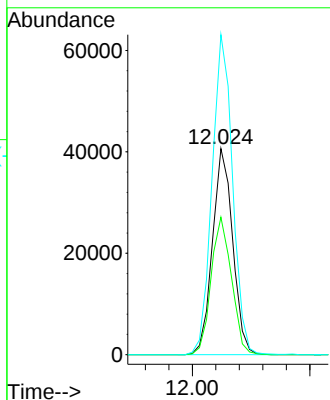
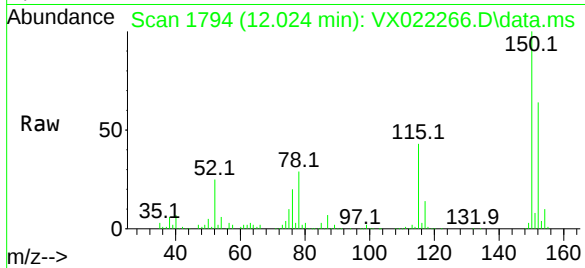




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022266.D
 Acq: 28 May 2021 21:34

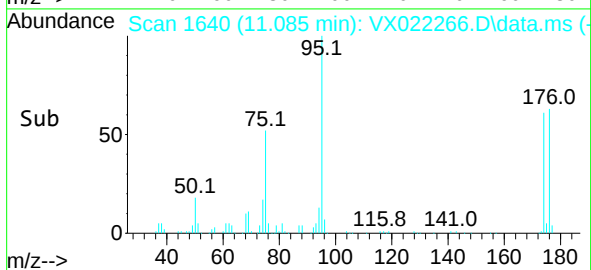
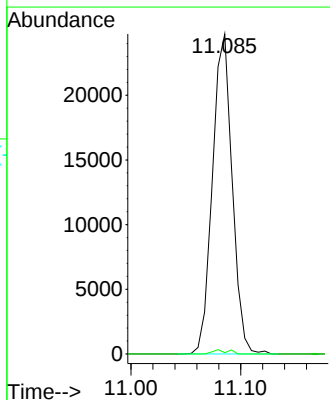
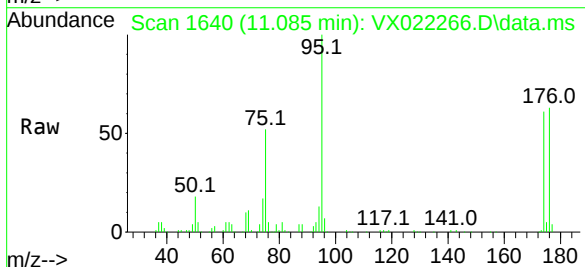
Instrument :
 MSVOA_X
 ClientSampled :
 TB-5-26-2021

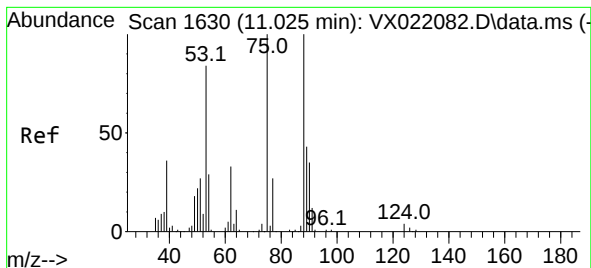
Tgt Ion:152 Resp: 48621
 Ion Ratio Lower Upper
 152 100
 115 67.0 41.1 123.3
 150 157.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.81 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022266.D
 Acq: 28 May 2021 21:34

Tgt Ion: 75 Resp: 30959
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

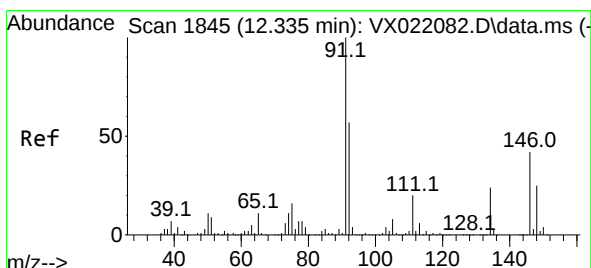
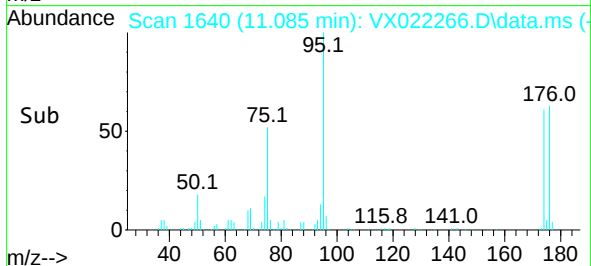
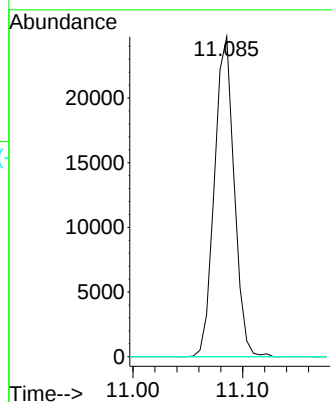
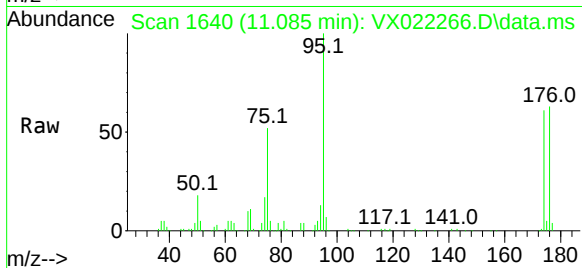




#81
trans-1,4-Dichloro-2-butene
Concen: 61.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

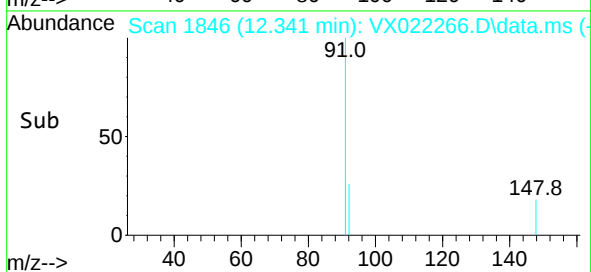
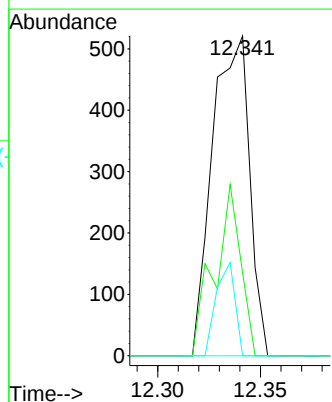
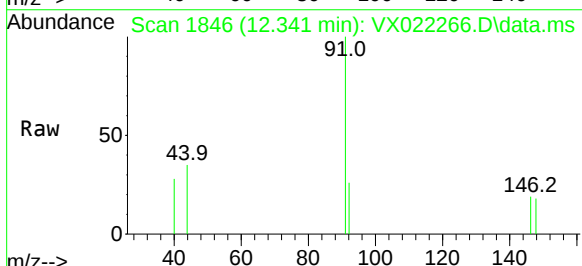
Instrument :
MSVOA_X
ClientSampled :
TB-5-26-2021

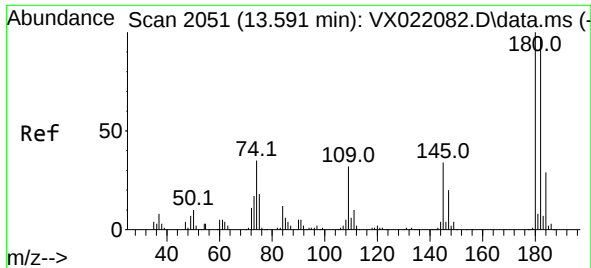
Tgt Ion: 75 Resp: 30959
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Tgt Ion: 91 Resp: 651
Ion Ratio Lower Upper
91 100
92 37.8 27.4 82.0
134 14.9 13.2 39.5

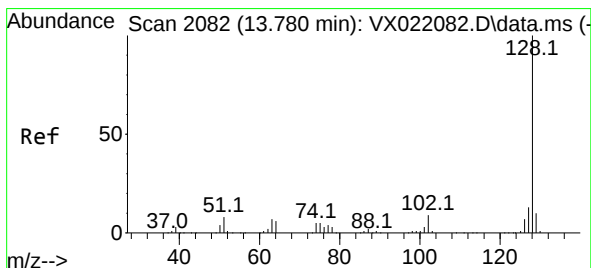
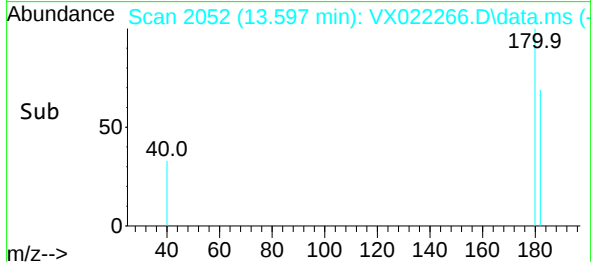
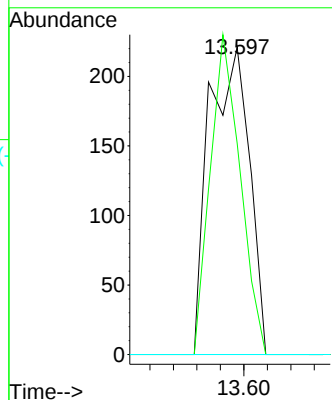
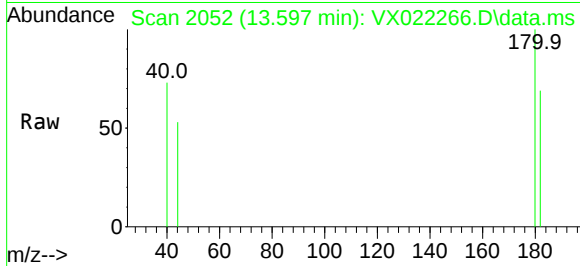




#93
1,2,4-Trichlorobenzene
Concen: 0.27 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Instrument :
MSVOA_X
ClientSampleId :
TB-5-26-2021

Tgt Ion:180 Resp: 263
Ion Ratio Lower Upper
180 100
182 77.2 47.7 143.1
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 0.22 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022266.D
Acq: 28 May 2021 21:34

Tgt Ion:128 Resp: 838
Ion Ratio Lower Upper
128 100
127 4.3 10.3 15.5#
129 10.7 8.8 13.2

