

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022866.D
 Acq On : 24 Jun 2021 12:15
 Operator : JC/MD
 Sample : VX0624WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:37:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

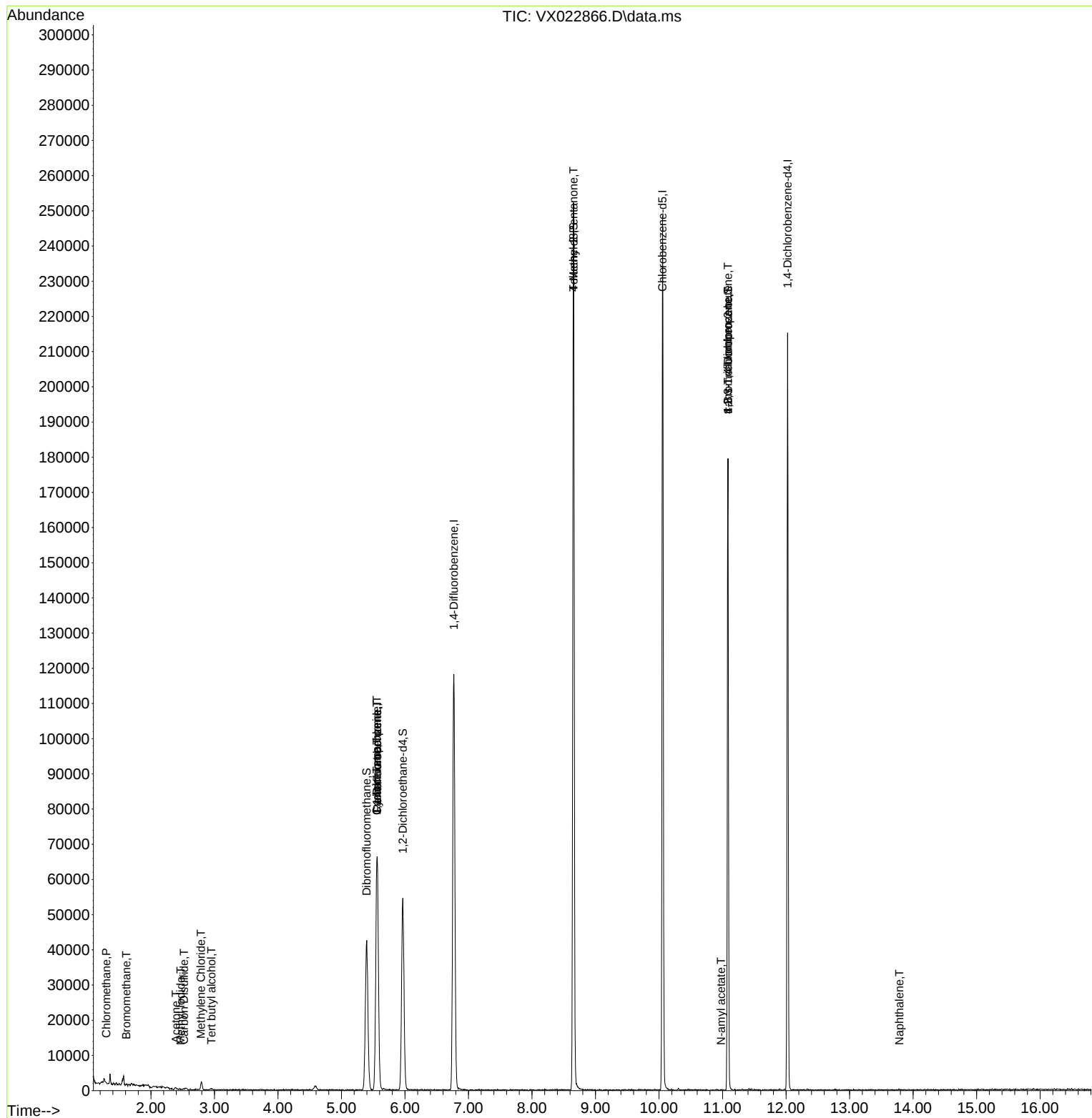
Internal Standards						
1) Pentafluorobenzene	5.562	168	56595	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	116410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51001	49.66	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.32%
35) Dibromofluoromethane	5.397	113	36025	48.73	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.46%
50) Toluene-d8	8.653	98	143588	49.56	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.12%
62) 4-Bromofluorobenzene	11.085	95	47273	43.72	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.44%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	190	0.22	ug/l	# 42
5) Bromomethane	1.612	94	158	0.35	ug/l	98
10) Methyl Iodide	2.465	142	198	4.09	ug/l	# 42
11) Tert butyl alcohol	2.953	59	383	1.79	ug/l	# 73
16) Acetone	2.392	43	378	0.83	ug/l	# 88
17) Carbon Disulfide	2.520	76	323	3.67	ug/l	# 75
20) Methylene Chloride	2.788	84	1012	1.48	ug/l	# 79
31) Cyclohexane	5.556	56	1742	1.20	ug/l	# 25
36) 1,1-Dichloropropene	5.556	75	5633	4.56	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	7206	6.95	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	801	0.56	ug/l	# 1
74) N-amyl acetate	10.976	43	19	2.06	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	25855	25.11	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	25855	65.50	ug/l	# 12
95) Naphthalene	13.786	128	151	1.97	ug/l	# 69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
Data File : VX022866.D
Acq On : 24 Jun 2021 12:15
Operator : JC/MD
Sample : VX0624WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 25 05:37:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

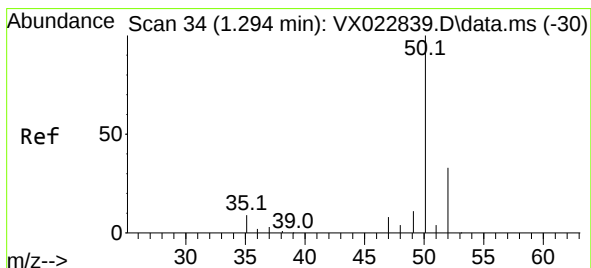
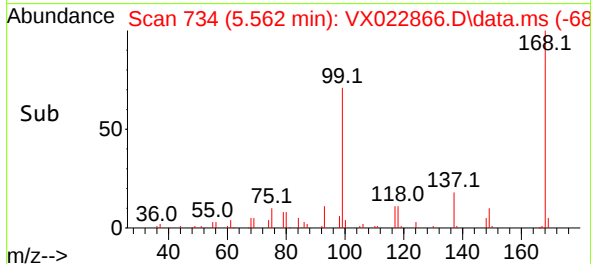
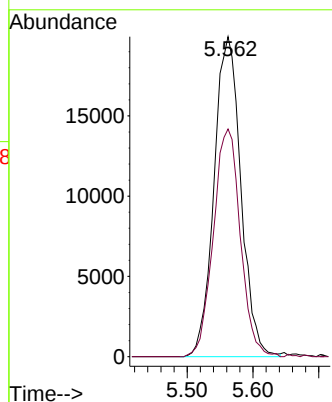
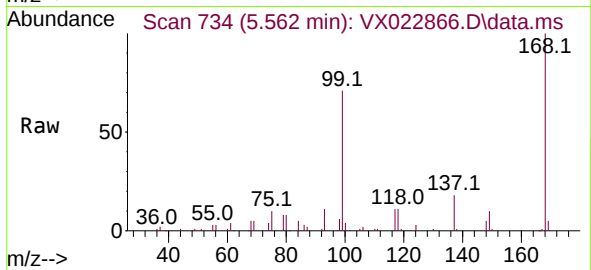




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

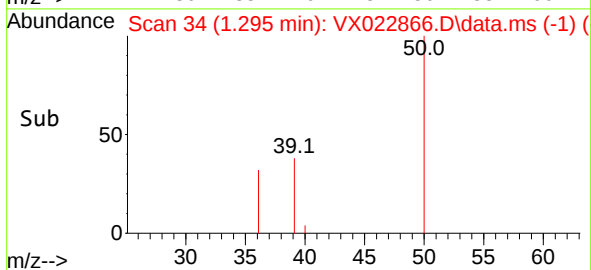
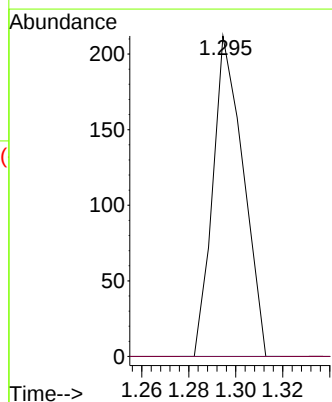
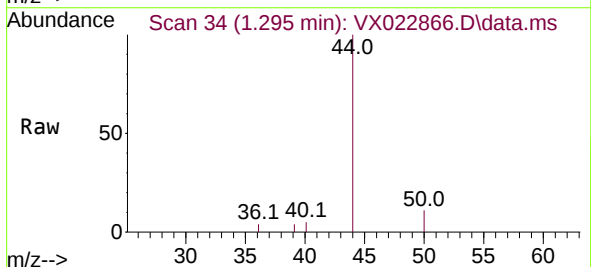
Instrument :
MSVOA_X
ClientSampled :

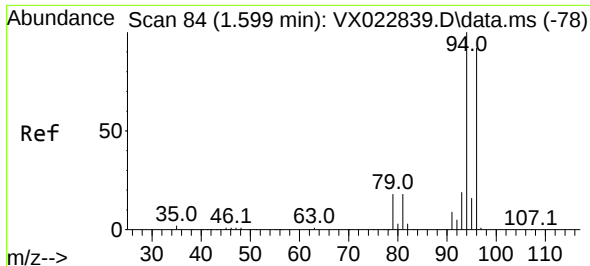
Tgt Ion:168 Resp: 56595
Ion Ratio Lower Upper
168 100
99 71.2 45.8 68.6#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Tgt Ion: 50 Resp: 190
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

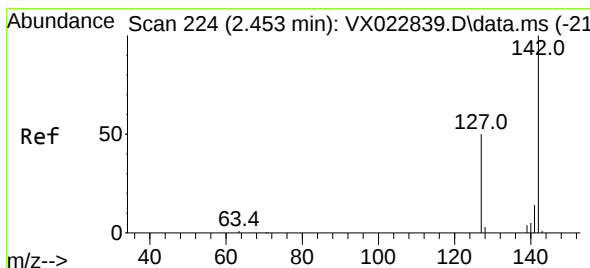
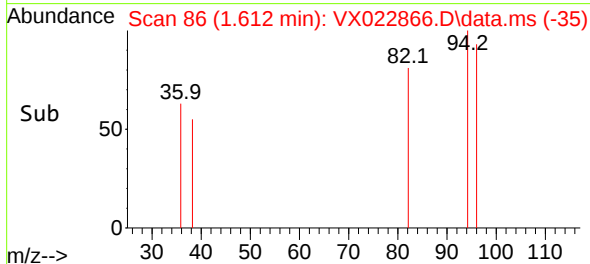
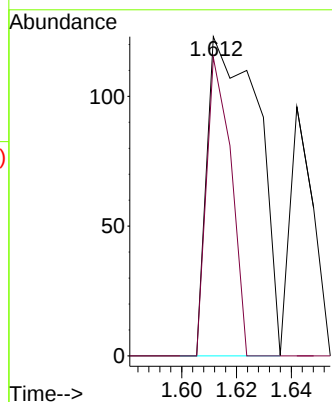
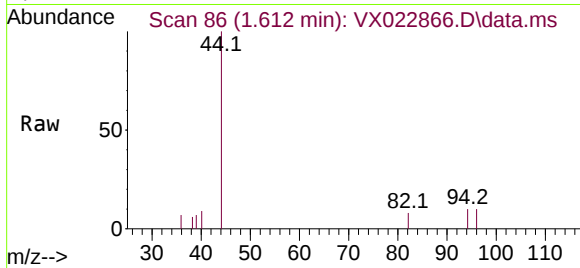




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

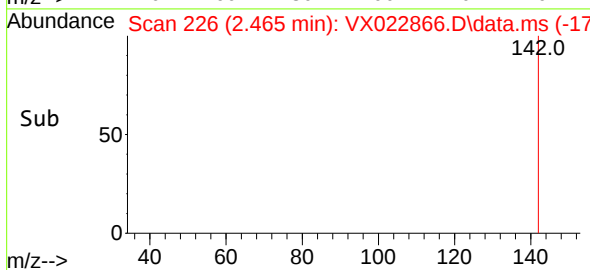
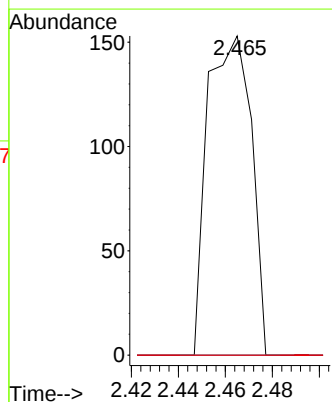
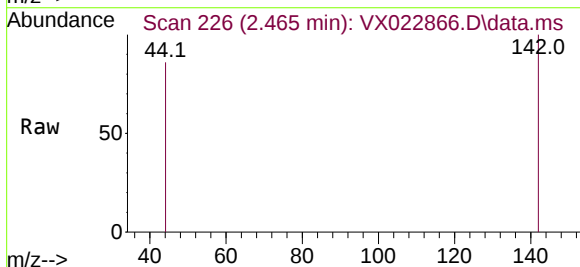
Instrument :
MSVOA_X
ClientSampled :

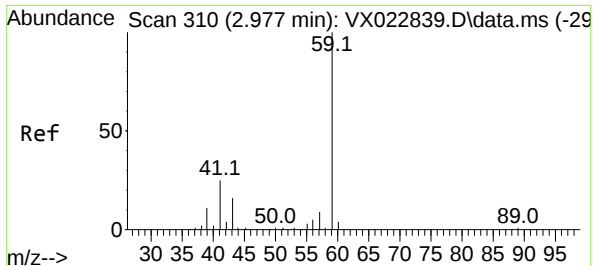
Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 93.5 76.4 114.6



#10
Methyl Iodide
Concen: 4.09 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



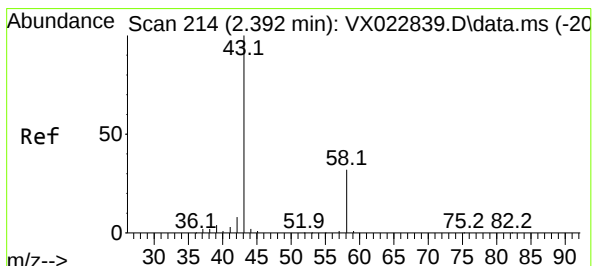
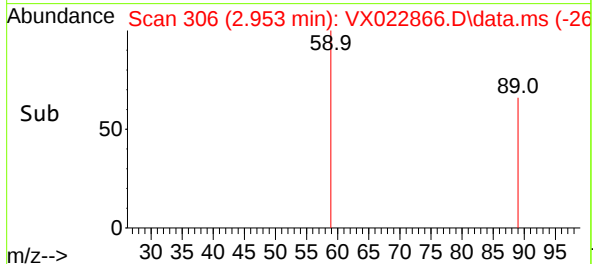
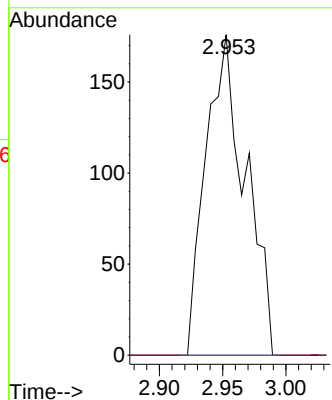
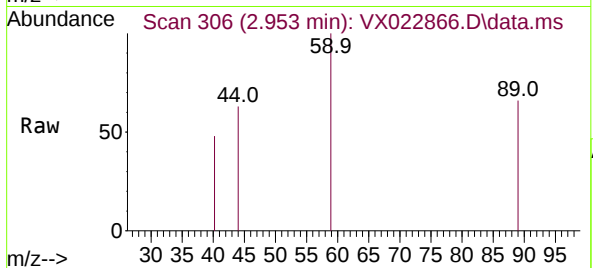


#11

Tert butyl alcohol
Concen: 1.79 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Instrument :
MSVOA_X
ClientSampleId :

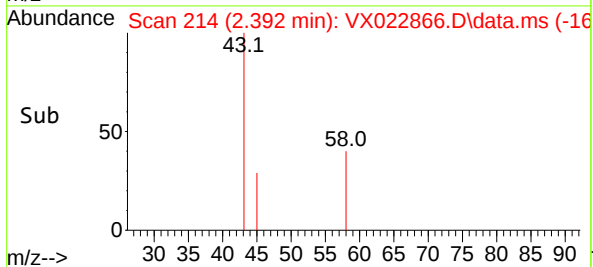
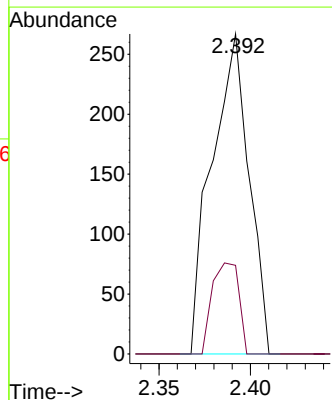
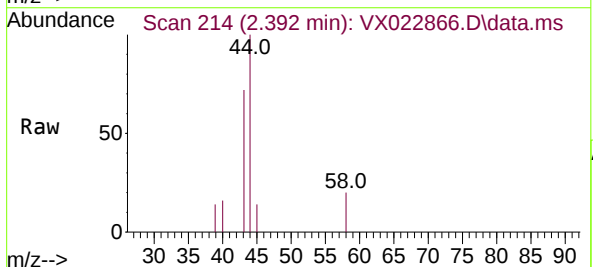
Tgt Ion: 59 Resp: 383
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

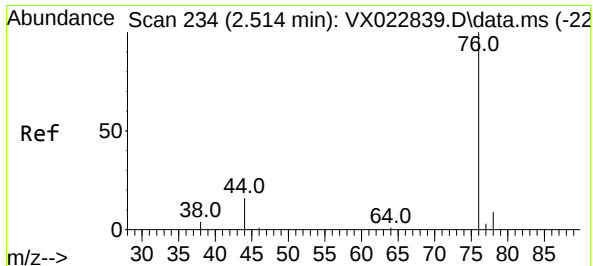


#16

Acetone
Concen: 0.83 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

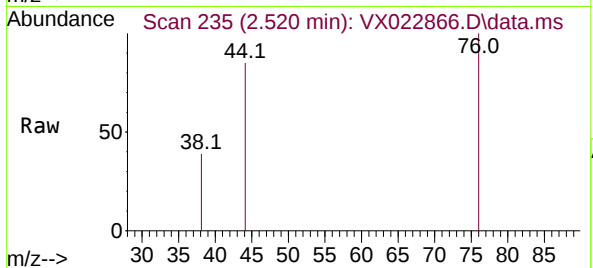
Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#



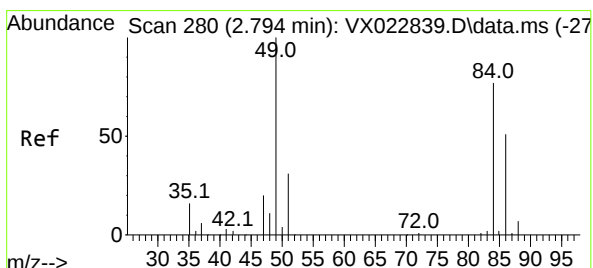
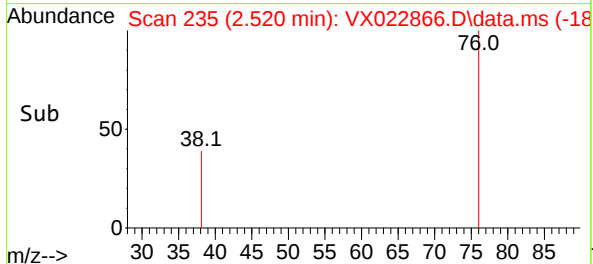
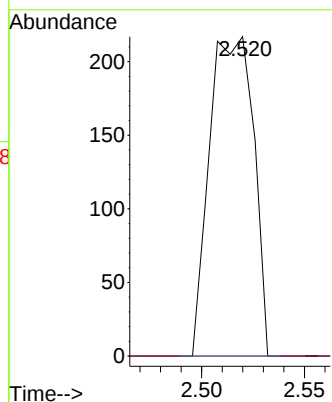


#17
Carbon Disulfide
Concen: 3.67 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Instrument :
MSVOA_X
ClientSampled :

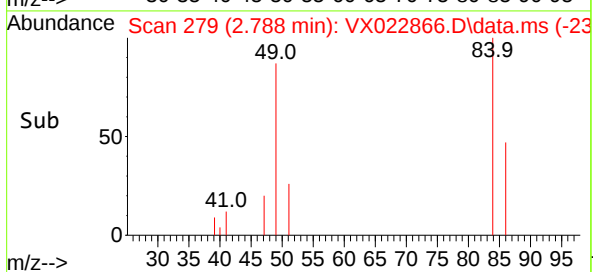
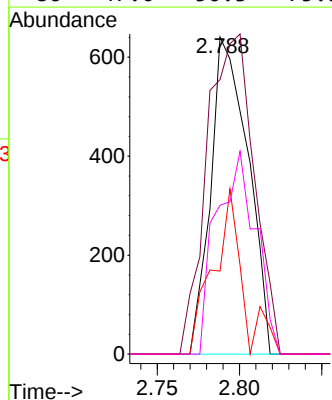
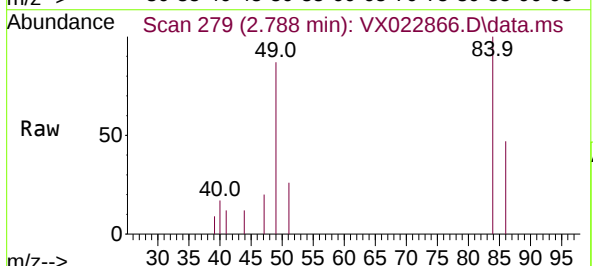


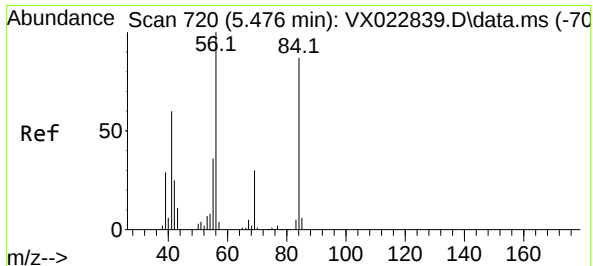
Tgt Ion: 76 Resp: 323
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.48 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

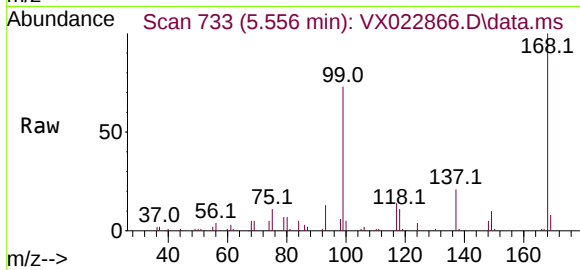
Tgt Ion: 84 Resp: 1012
Ion Ratio Lower Upper
84 100
49 86.6 88.6 132.8#
51 26.2 27.0 40.6#
86 47.0 50.3 75.5#



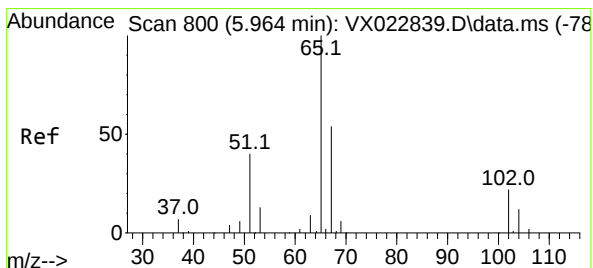
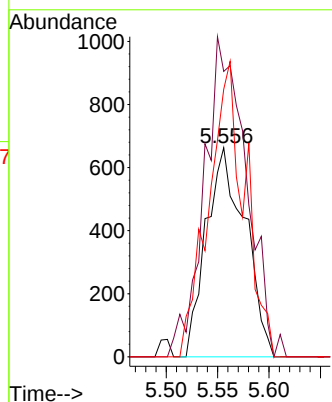
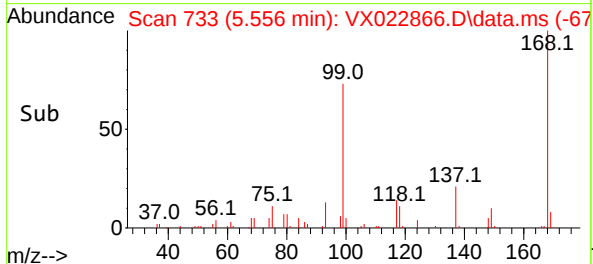


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

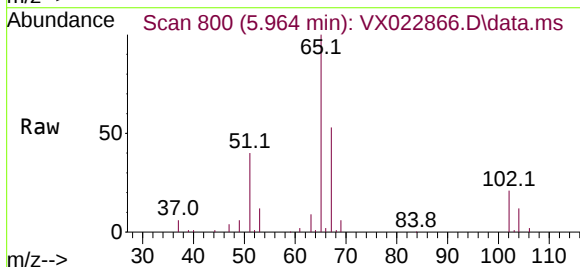
Instrument :
MSVOA_X
ClientSampleId :



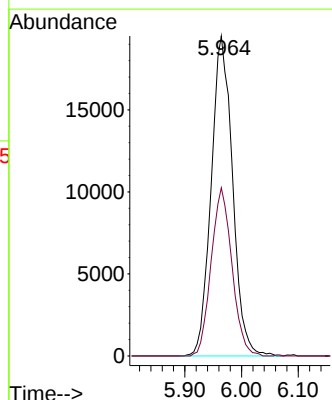
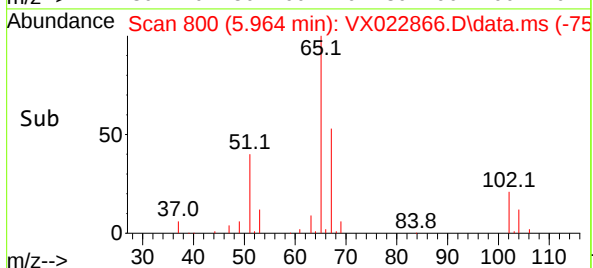
Tgt Ion: 56 Resp: 1742
Ion Ratio Lower Upper
56 100
69 125.8 25.3 37.9#
84 127.9 71.4 107.0#

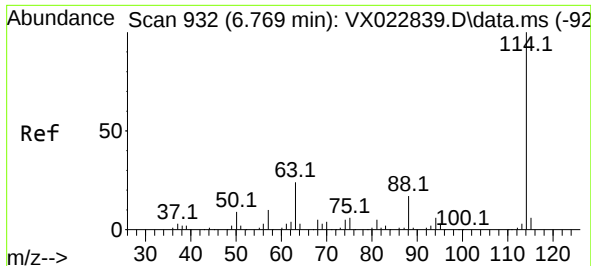


#33
1,2-Dichloroethane-d4
Concen: 49.66 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15



Tgt Ion: 65 Resp: 51001
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

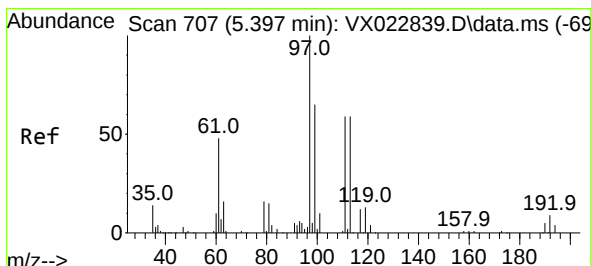
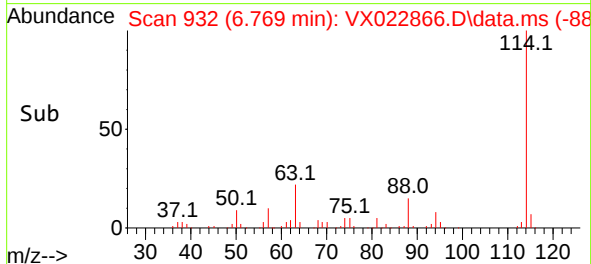
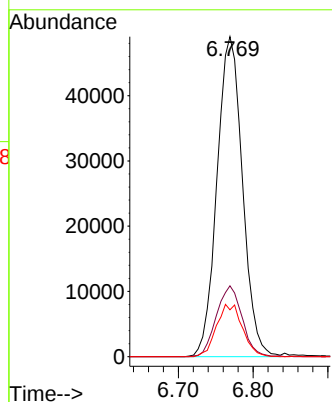
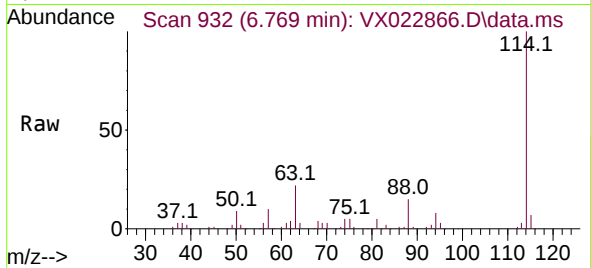




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

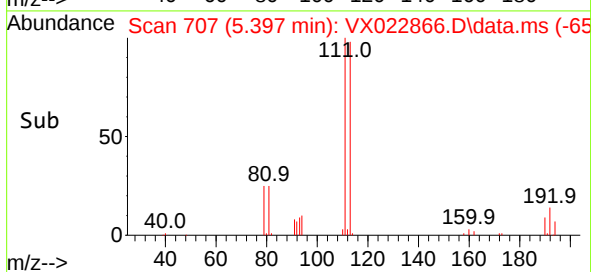
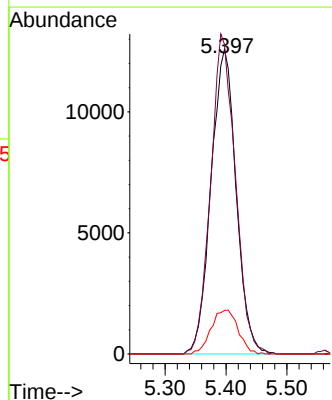
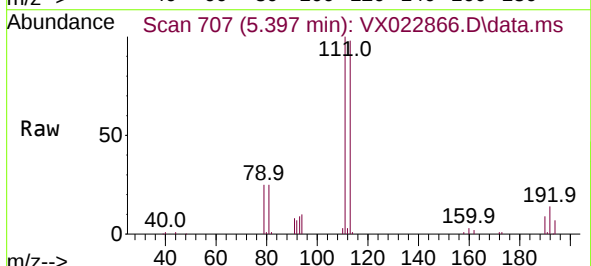
Instrument :
MSVOA_X
ClientSampled :

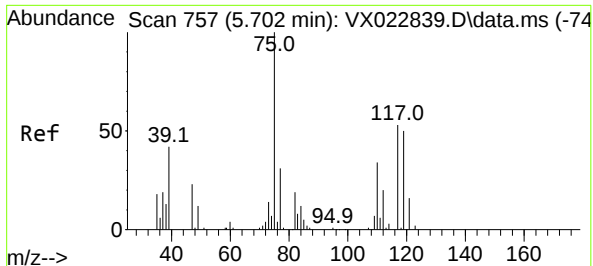
Tgt Ion:114 Resp: 116410
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 14.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Tgt Ion:113 Resp: 36025
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.56 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022866.D

Acq: 24 Jun 2021 12:15

Tgt Ion: 75 Resp: 5633

Ion Ratio Lower Upper

75 100

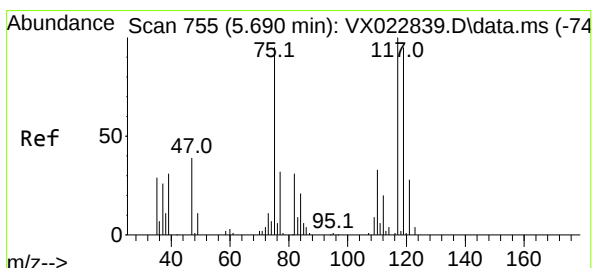
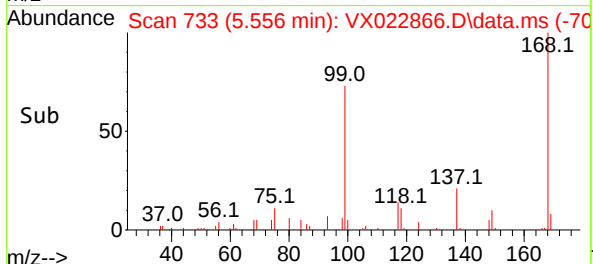
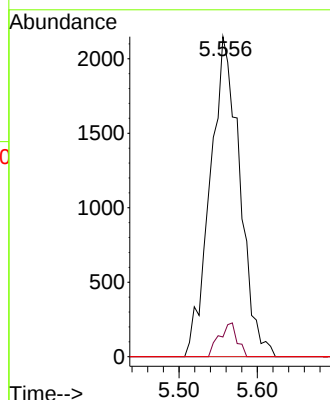
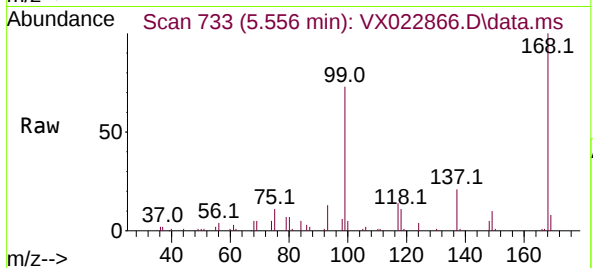
110 6.4 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.95 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX022866.D

Acq: 24 Jun 2021 12:15

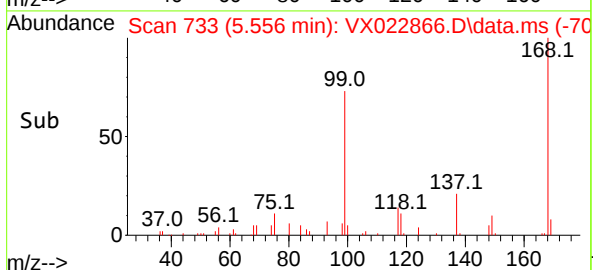
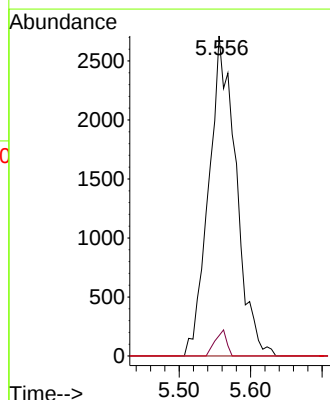
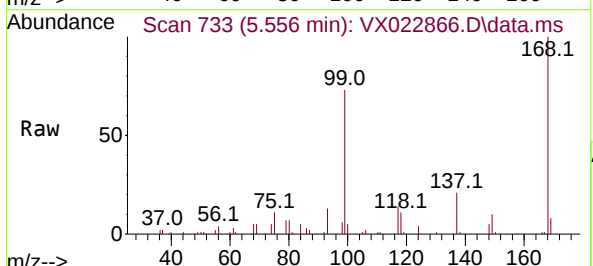
Tgt Ion: 117 Resp: 7206

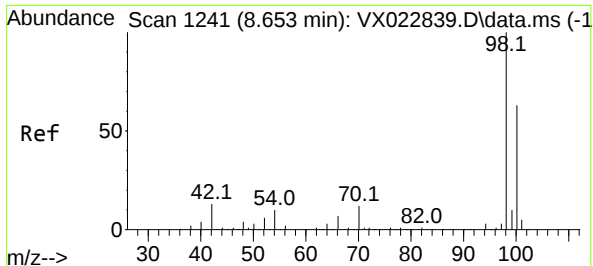
Ion Ratio Lower Upper

117 100

119 6.3 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.56 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022866.D

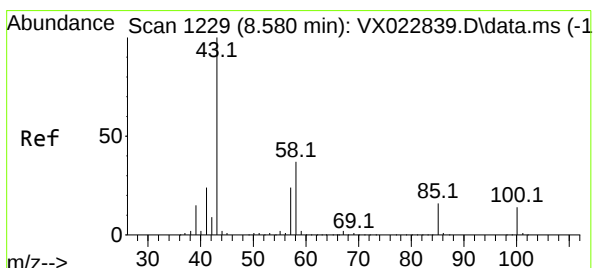
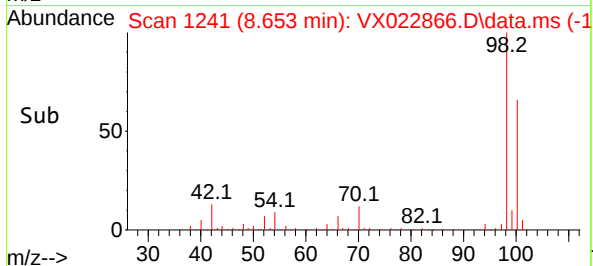
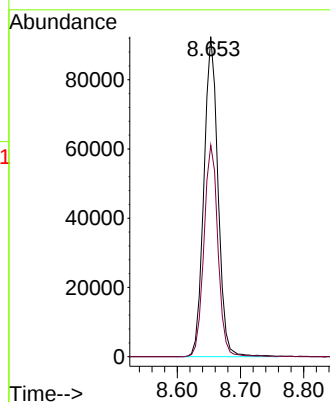
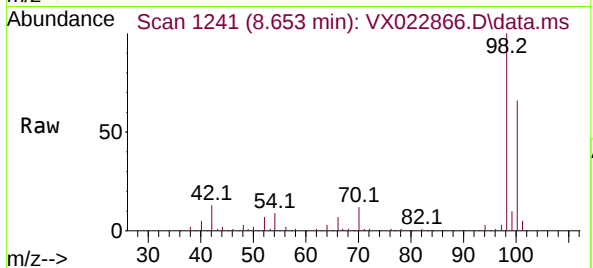
Acq: 24 Jun 2021 12:15

Tgt Ion: 98 Resp: 143588

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.56 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX022866.D

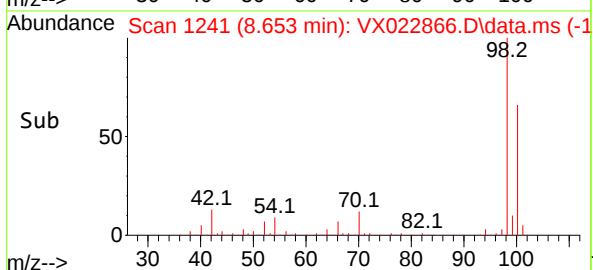
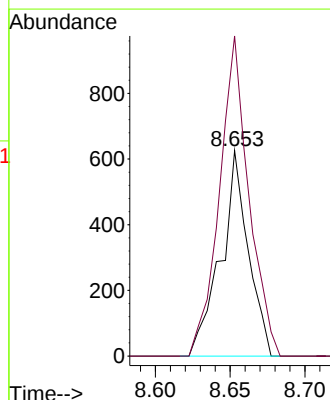
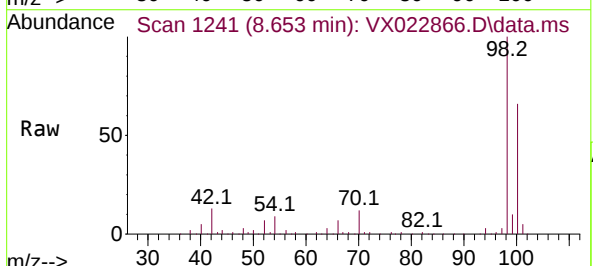
Acq: 24 Jun 2021 12:15

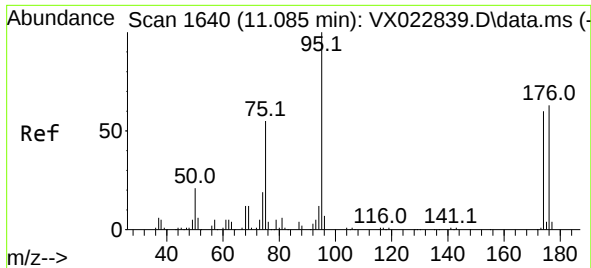
Tgt Ion: 43 Resp: 801

Ion Ratio Lower Upper

43 100

58 166.8 35.4 53.0#

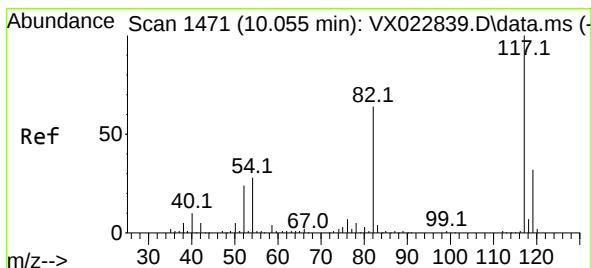
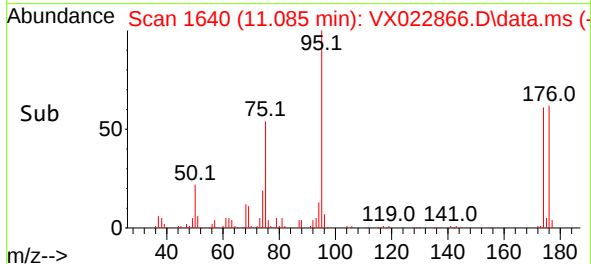
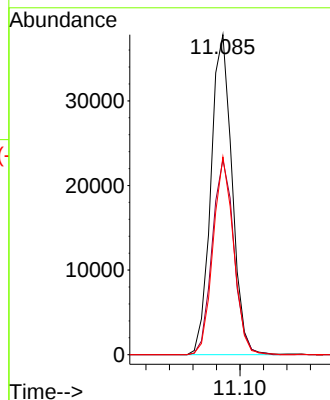
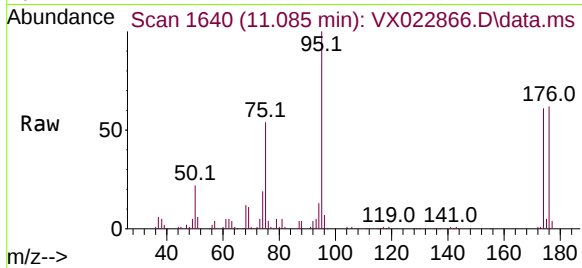




#62
4-Bromofluorobenzene
Concen: 43.72 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

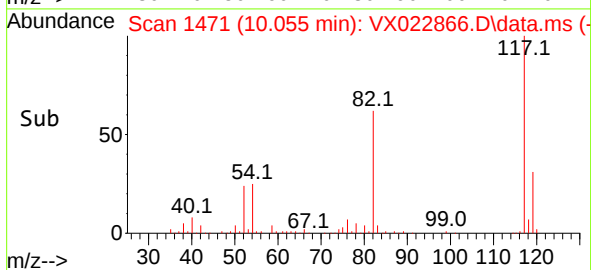
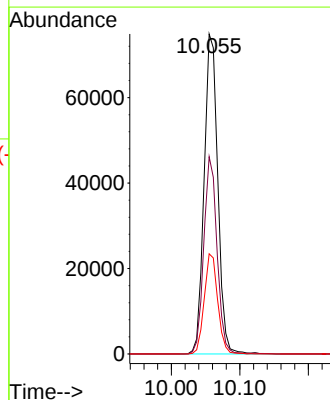
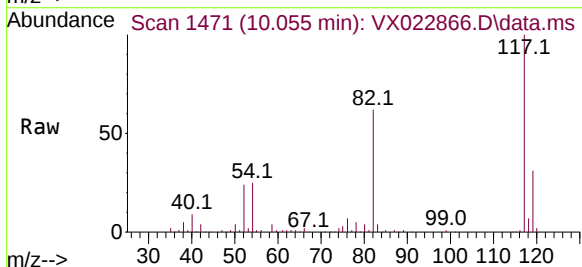
Instrument :
MSVOA_X
ClientSampled :

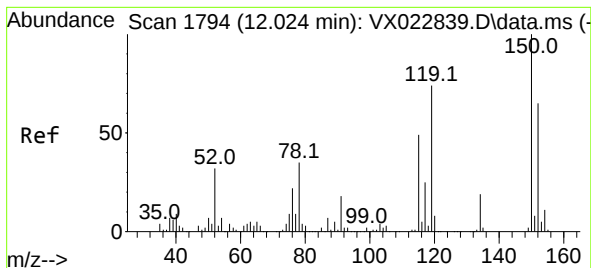
Tgt Ion: 95 Resp: 47273
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Tgt Ion: 117 Resp: 104153
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.3 26.6 39.8

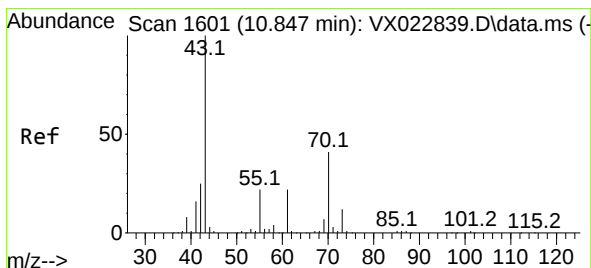
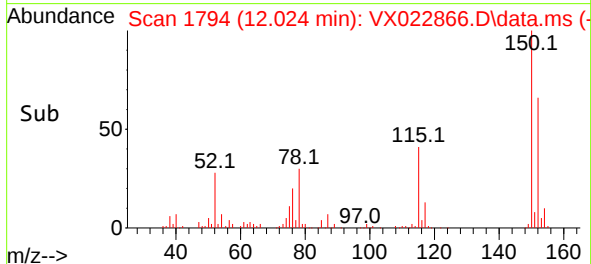
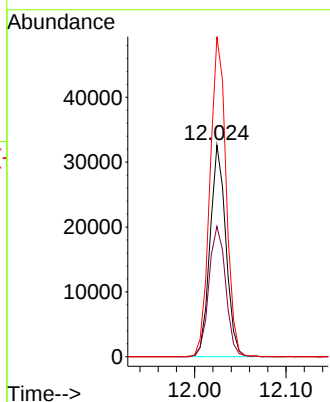
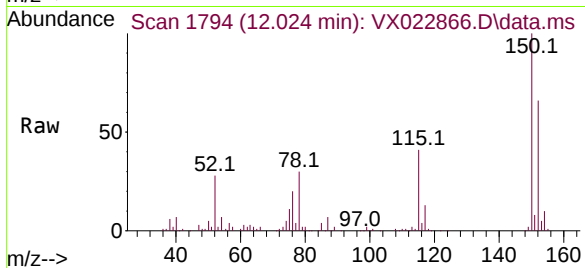




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

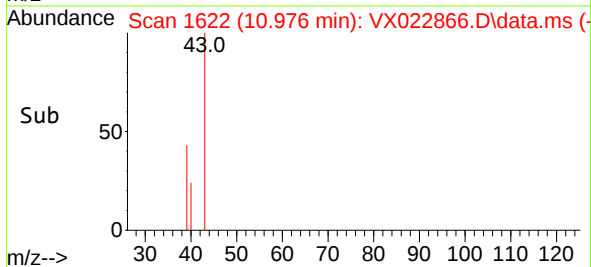
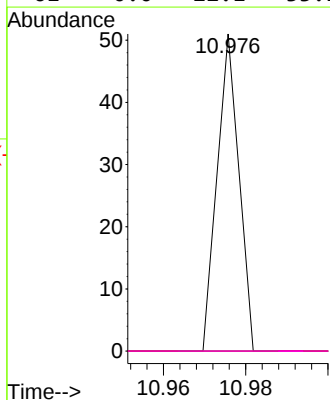
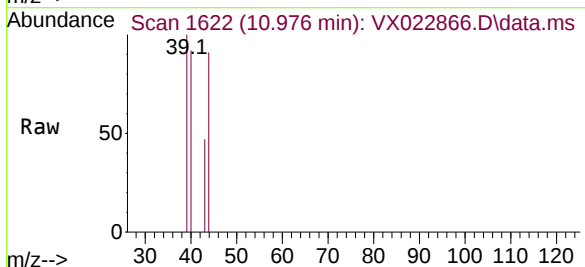
Instrument :
MSVOA_X
ClientSampled :

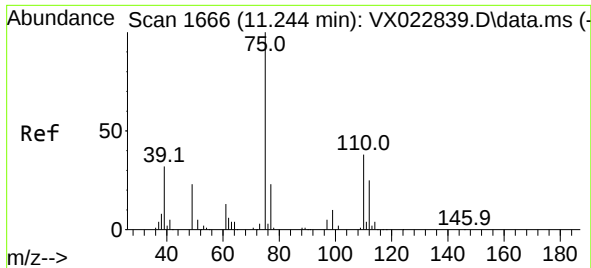
Tgt Ion:152 Resp: 38983
Ion Ratio Lower Upper
152 100
115 65.5 41.1 123.3
150 154.6 0.0 349.0



#74
N-ethyl acetate
Concen: 2.06 ug/l
RT: 10.976 min Scan# 1622
Delta R.T. 0.129 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

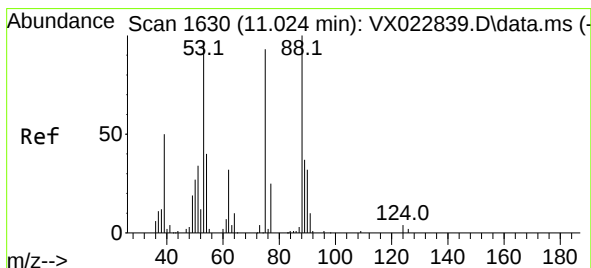
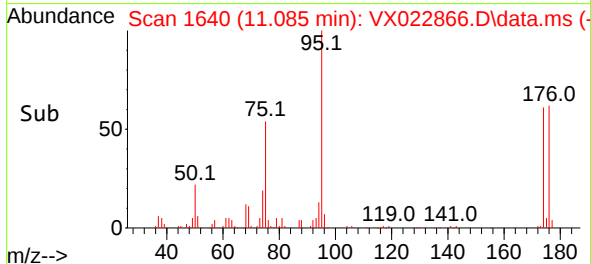
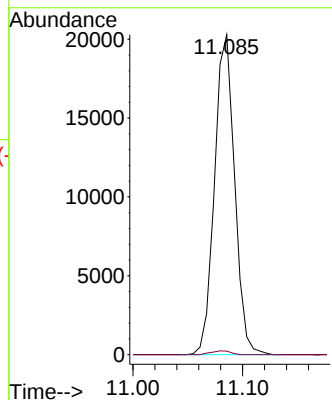
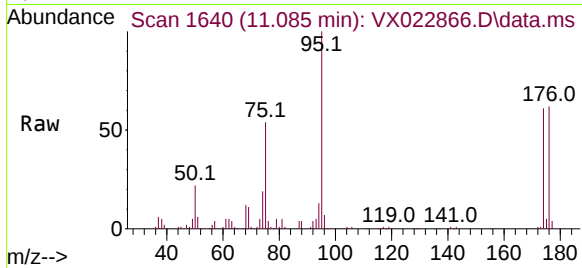




#76
1,2,3-Trichloropropane
Concen: 25.11 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

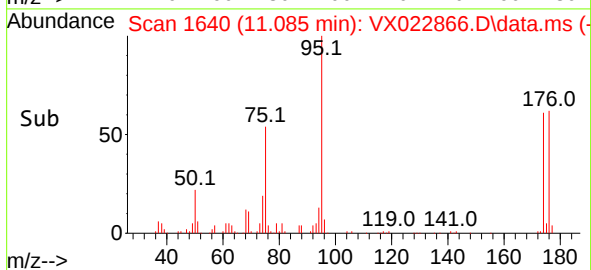
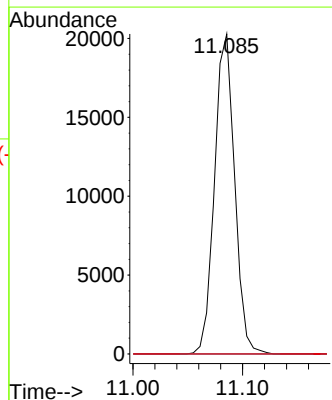
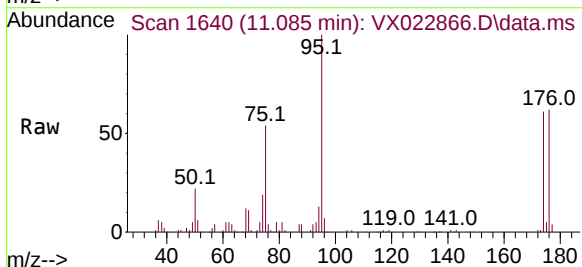
Instrument :
MSVOA_X
ClientSampleId :

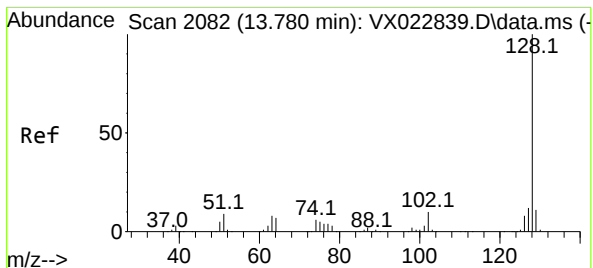
Tgt Ion: 75 Resp: 25855
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

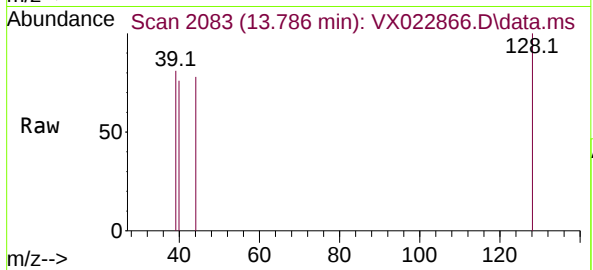
Tgt Ion: 75 Resp: 25855
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022866.D
Acq: 24 Jun 2021 12:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 151
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

