

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022896.D
 Acq On : 25 Jun 2021 03:10
 Operator : JC/MD
 Sample : M2838-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20210622

Quant Time: Jun 25 05:43:29 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)

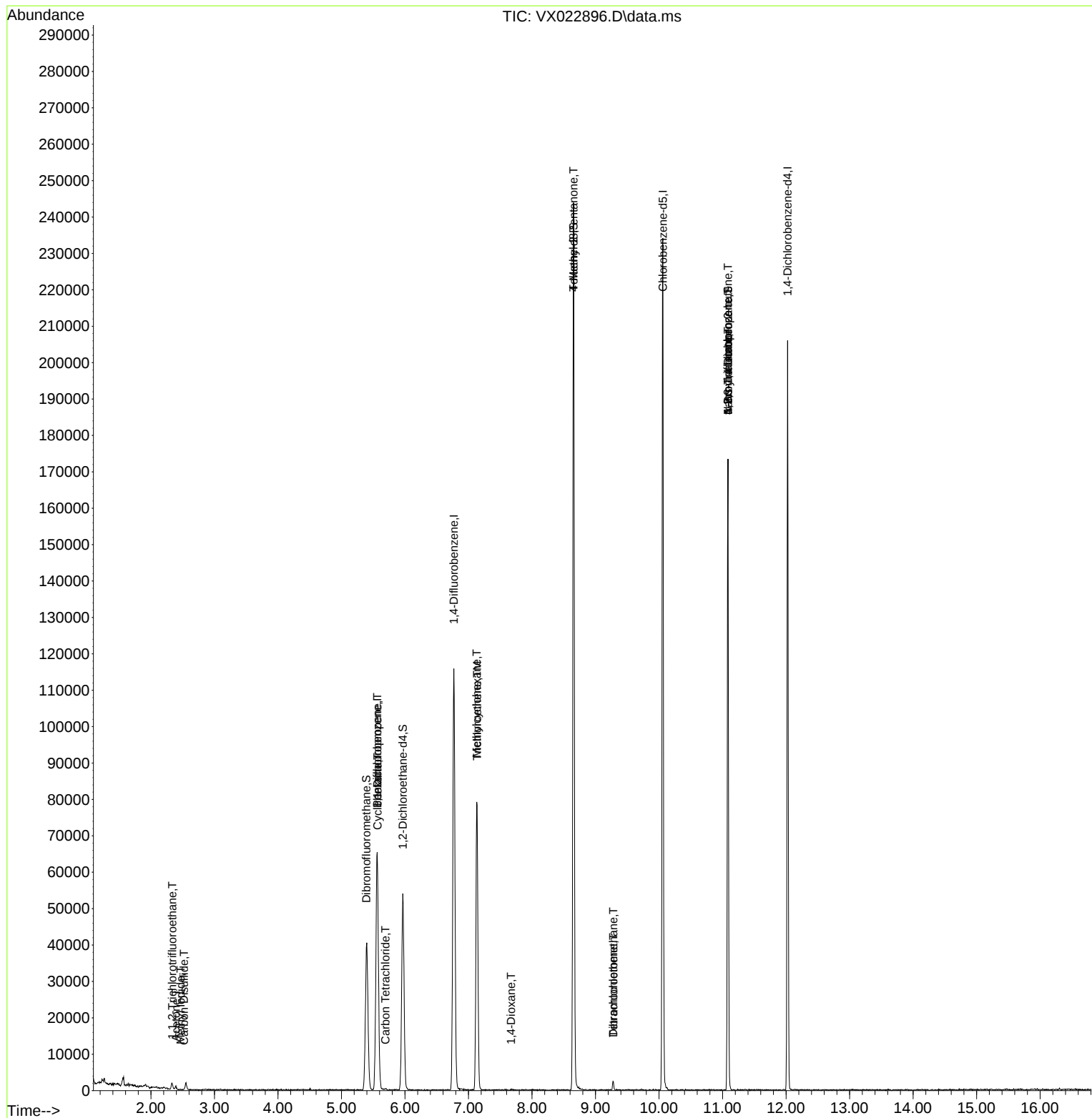
Internal Standards						
1) Pentafluorobenzene	5.562	168	53849	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48092	49.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.42%
35) Dibromofluoromethane	5.391	113	33769	48.16	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.32%
50) Toluene-d8	8.653	98	136242	49.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.16%
62) 4-Bromofluorobenzene	11.085	95	46418	45.26	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.52%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	798	1.14	ug/l	# 86
10) Methyl Iodide	2.465	142	94	3.98	ug/l	# 42
16) Acetone	2.392	43	1093	2.52	ug/l	90
17) Carbon Disulfide	2.520	76	35	3.53	ug/l	# 75
31) Cyclohexane	5.568	56	1740	1.26	ug/l	# 61
36) 1,1-Dichloropropene	5.562	75	5415	4.62	ug/l	# 48
38) Carbon Tetrachloride	5.690	117	257	0.26	ug/l	# 12
39) Methylcyclohexane	7.129	83	412	0.30	ug/l	# 1
44) Trichloroethene	7.135	130	26655	33.24	ug/l	83
49) 1,4-Dioxane	7.671	88	99	4.55	ug/l	# 67
51) 4-Methyl-2-Pentanone	8.653	43	741	0.55	ug/l	# 1
60) Dibromochloromethane	9.281	129	380	4.09	ug/l	# 11
64) Tetrachloroethene	9.281	164	435	0.63	ug/l	# 76
74) N-amyl acetate	11.085	43	28	2.07	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	25305	26.86	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	25305	69.62	ug/l	# 12

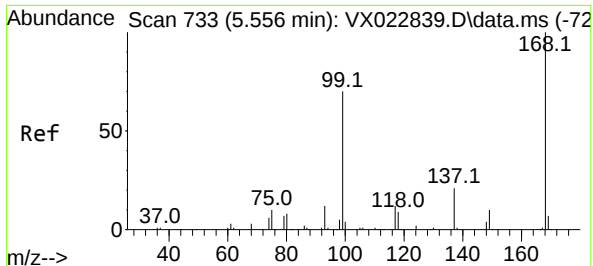
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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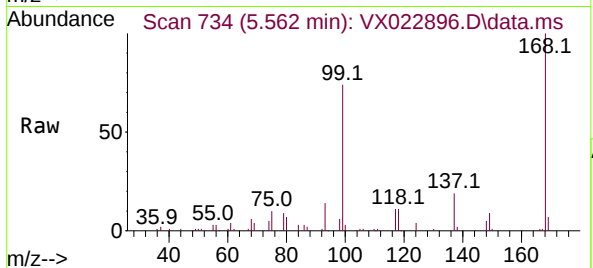
Quant Time: Jun 25 05:43:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



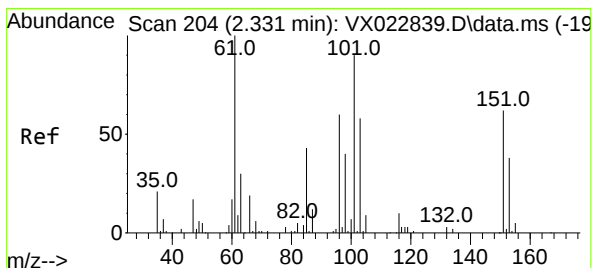
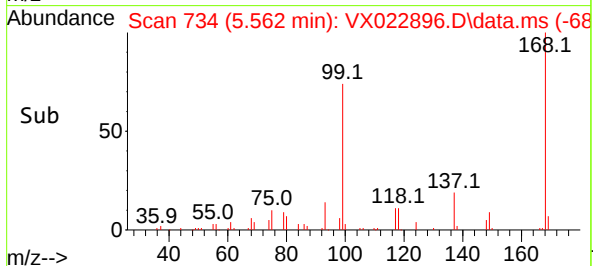
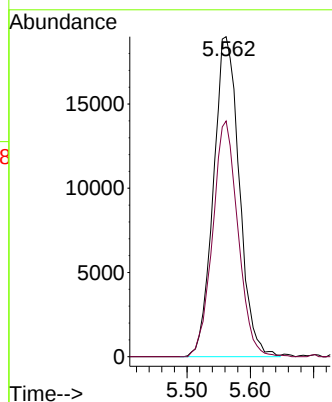


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

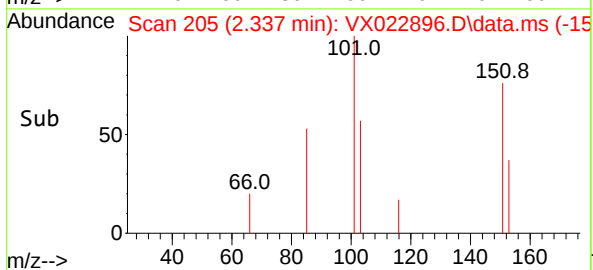
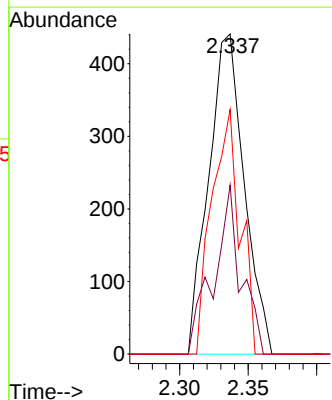
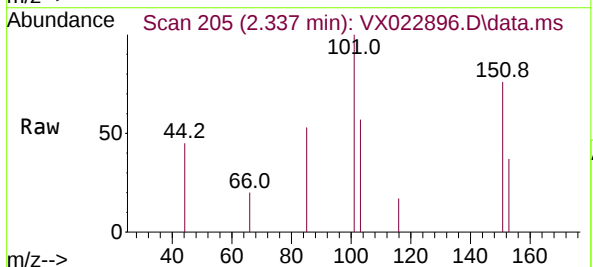


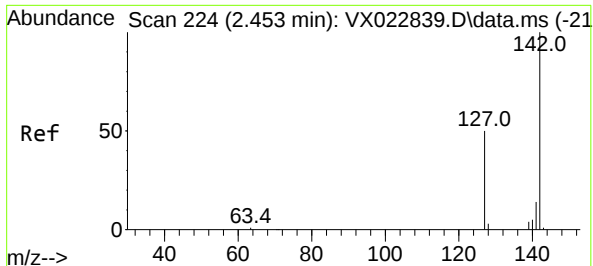
Tgt Ion:168 Resp: 53849
Ion Ratio Lower Upper
168 100
99 73.7 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.14 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion:101 Resp: 798
Ion Ratio Lower Upper
101 100
85 40.6 34.9 52.3
151 60.8 61.4 92.2#

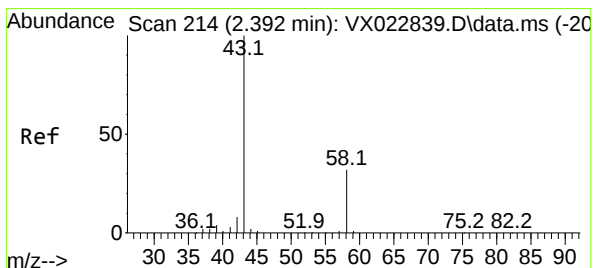
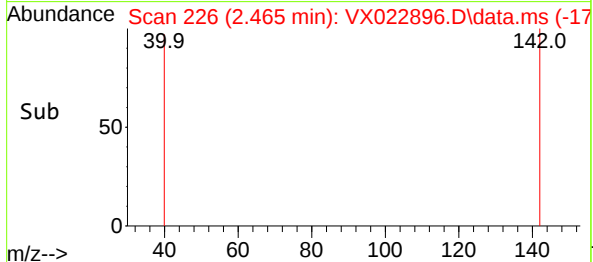
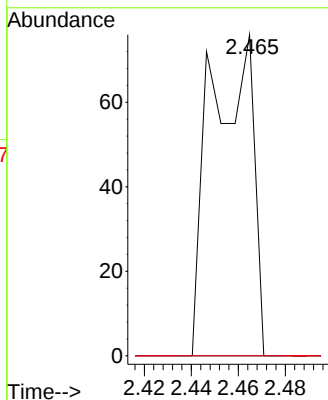
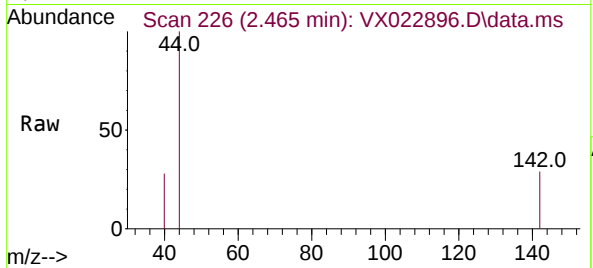




#10
Methyl Iodide
Concen: 3.98 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

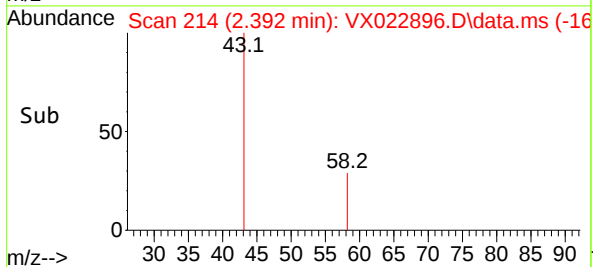
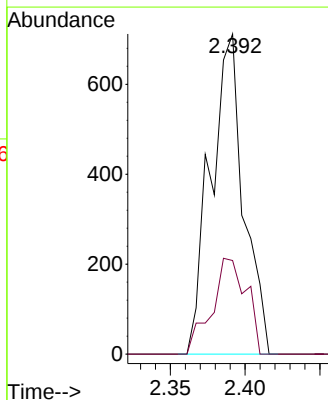
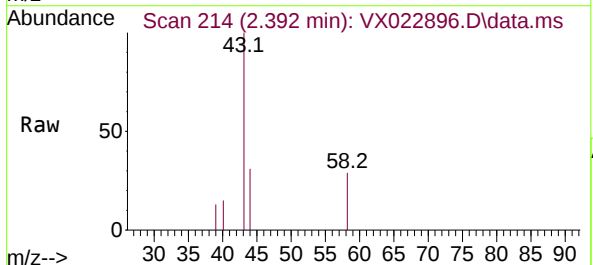
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

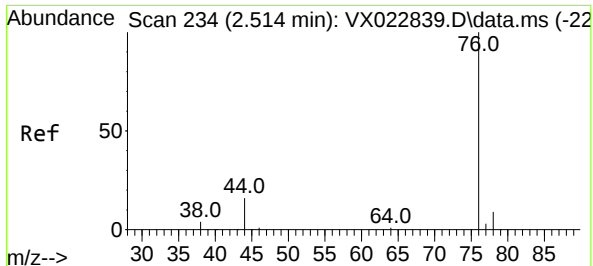
Tgt Ion:142 Resp: 94
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 2.52 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

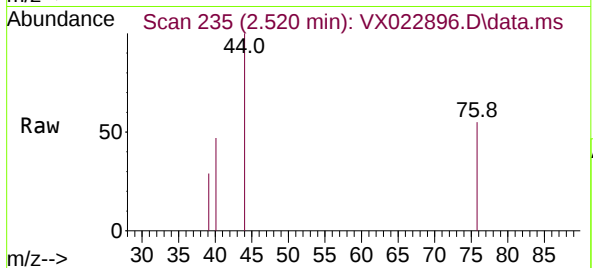
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



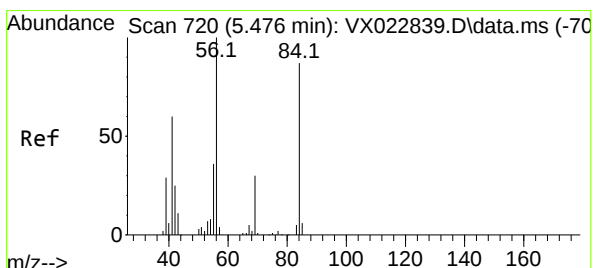
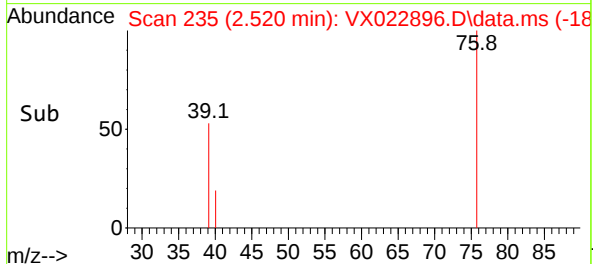
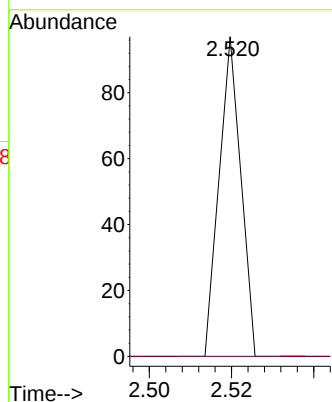


#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

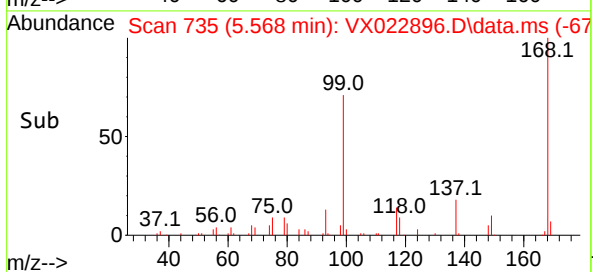
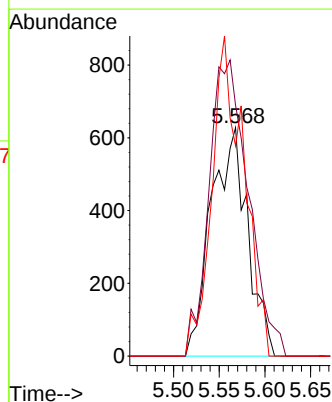
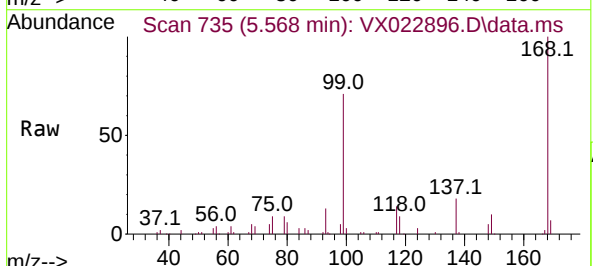


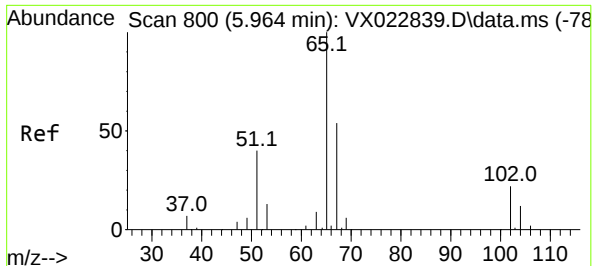
Tgt Ion: 76 Resp: 35
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion: 56 Resp: 1740
Ion Ratio Lower Upper
56 100
69 109.7 25.3 37.9#
84 92.0 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 49.21 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022896.D

Acq: 25 Jun 2021 03:10

Tgt Ion: 65 Resp: 48092

Ion Ratio Lower Upper

65 100

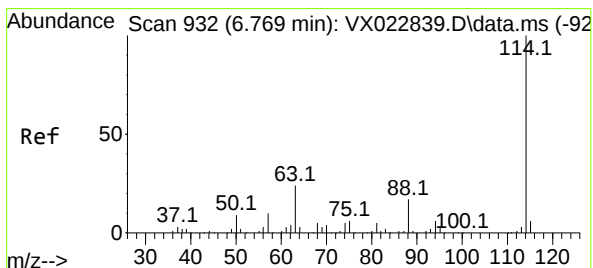
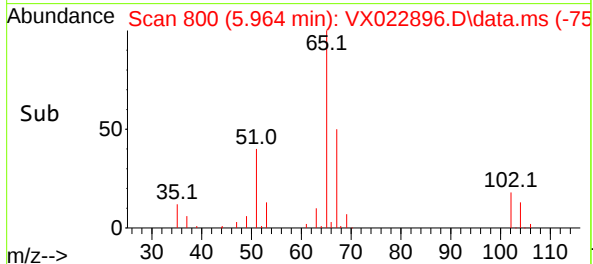
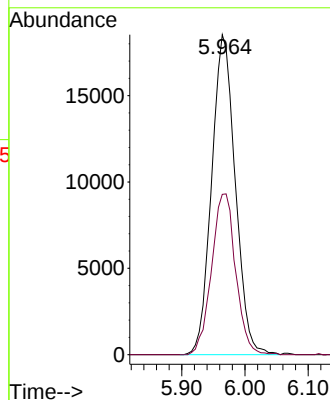
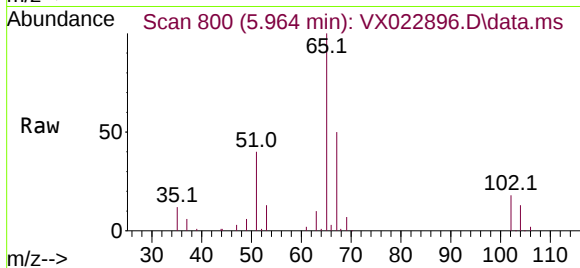
67 51.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20210622



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022896.D

Acq: 25 Jun 2021 03:10

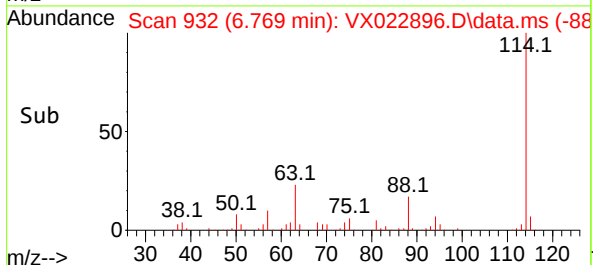
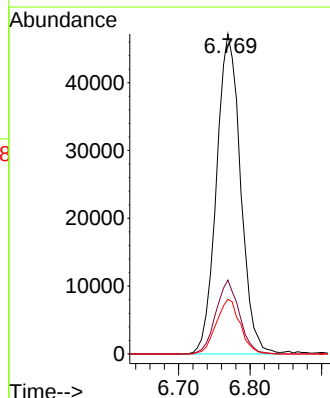
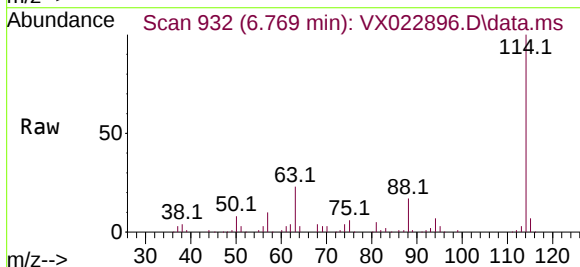
Tgt Ion:114 Resp: 110409

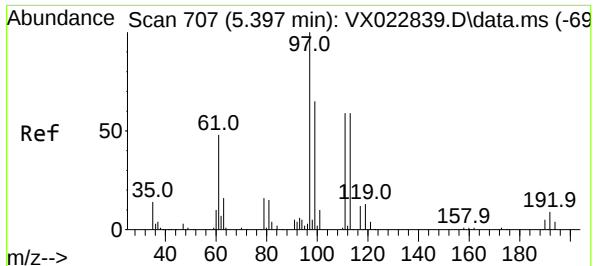
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.8

88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.16 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX022896.D

Acq: 25 Jun 2021 03:10

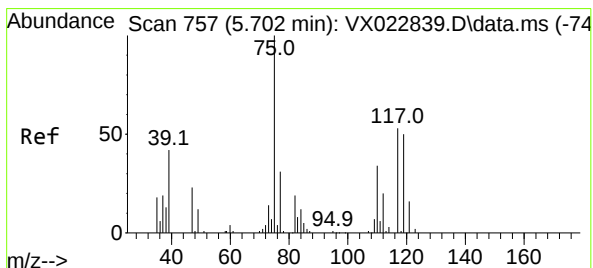
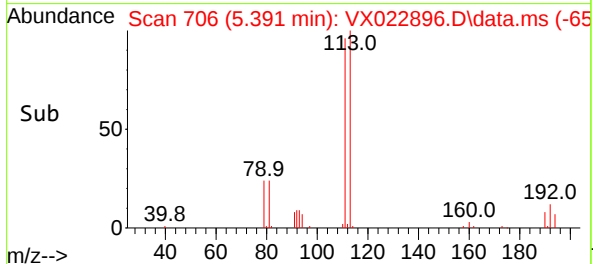
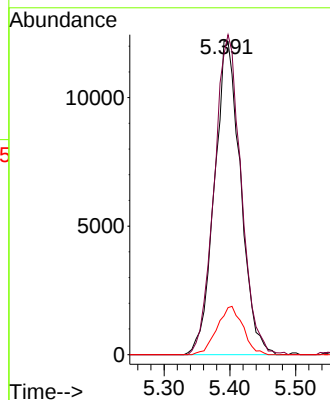
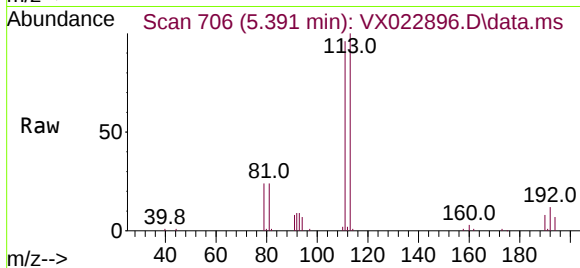
Tgt Ion:113 Resp: 33769

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 15.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.62 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022896.D

Acq: 25 Jun 2021 03:10

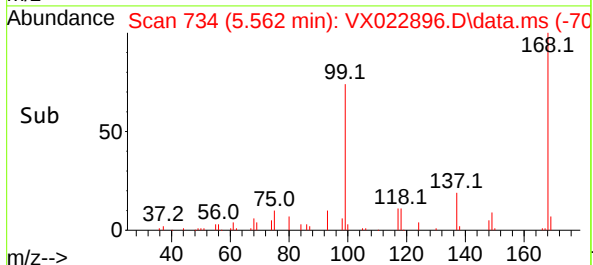
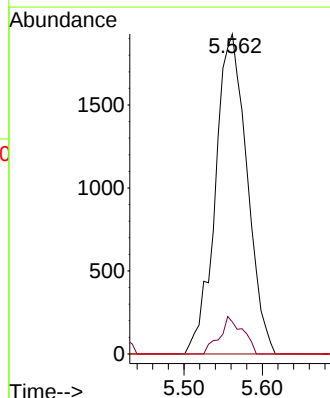
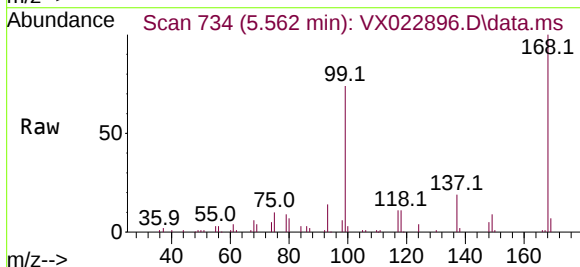
Tgt Ion: 75 Resp: 5415

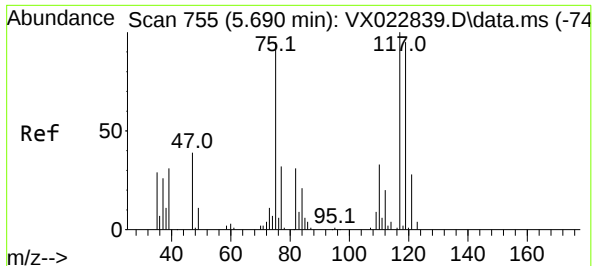
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

77 0.0 25.3 37.9#

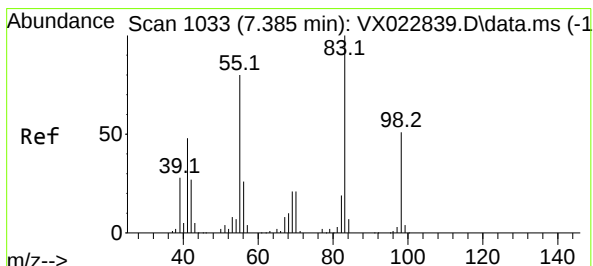
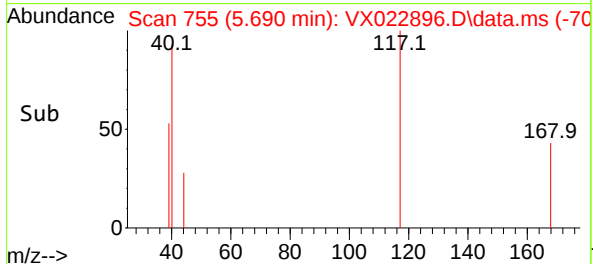
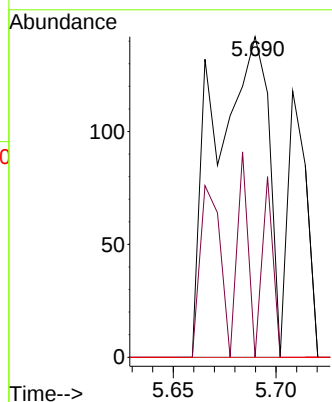
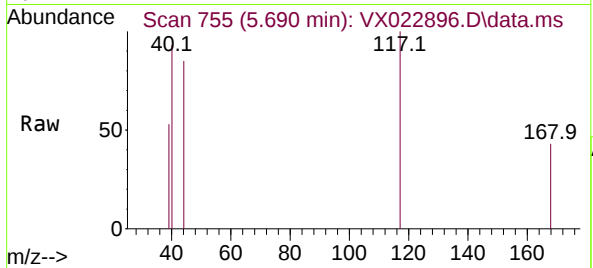




#38
Carbon Tetrachloride
Concen: 0.26 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

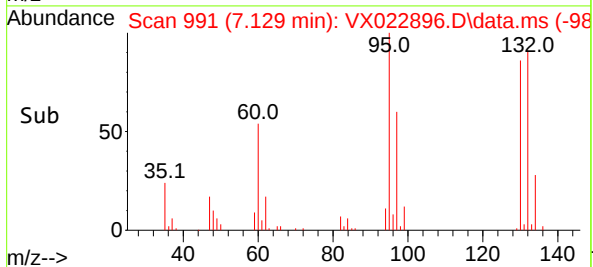
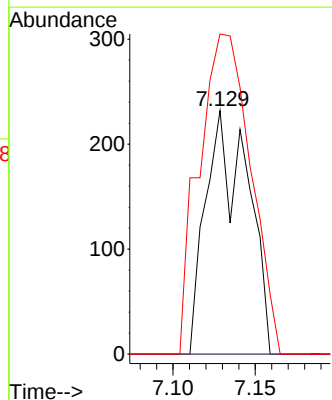
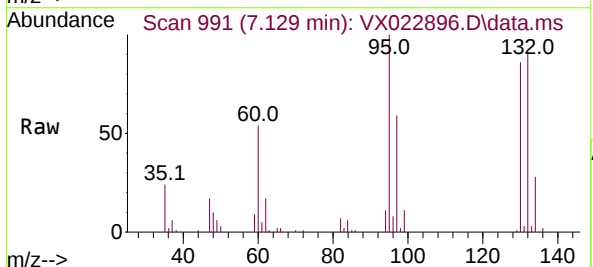
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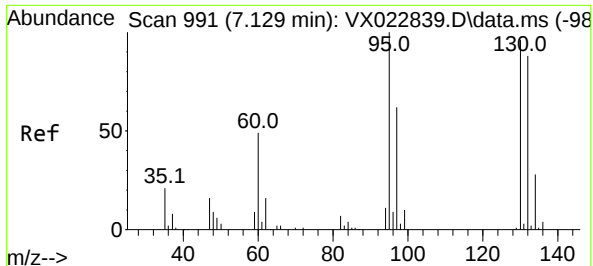
Tgt Ion:117 Resp: 257
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion: 83 Resp: 412
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 131.5 38.1 57.1#

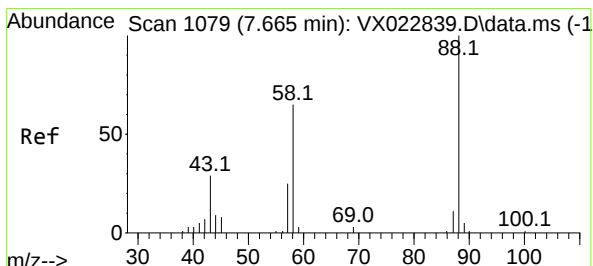
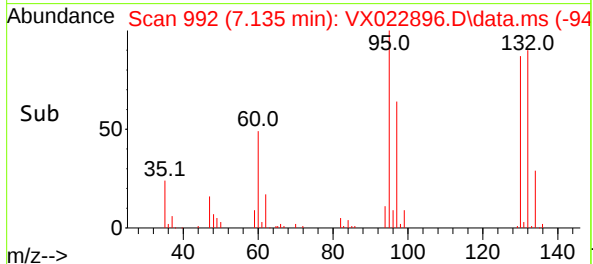
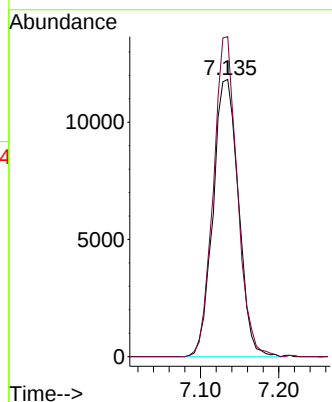
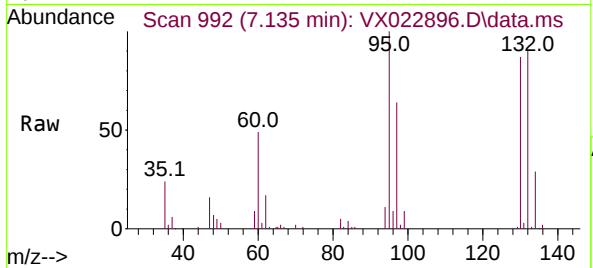




#44
Trichloroethene
Concen: 33.24 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

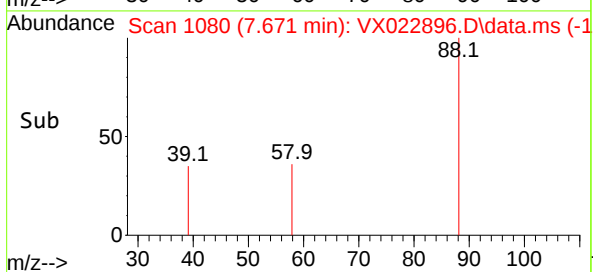
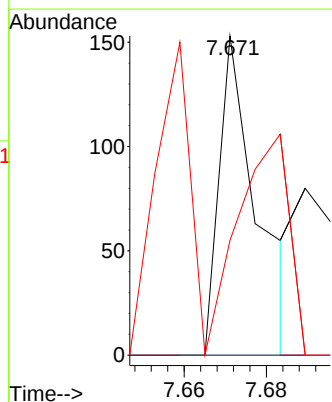
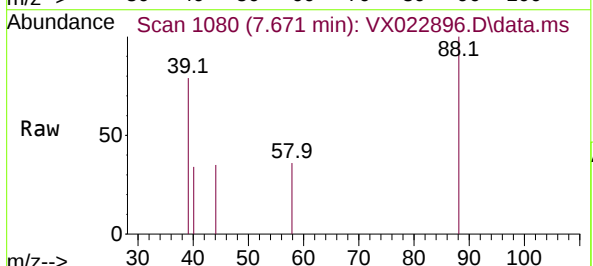
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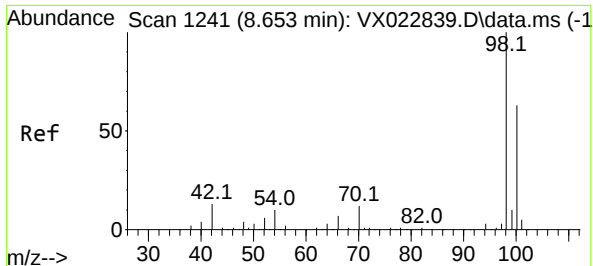
Tgt Ion:130 Resp: 26655
Ion Ratio Lower Upper
130 100
95 115.4 0.0 198.0



#49
1,4-Dioxane
Concen: 4.55 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion: 88 Resp: 99
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 87.9 55.0 82.4#

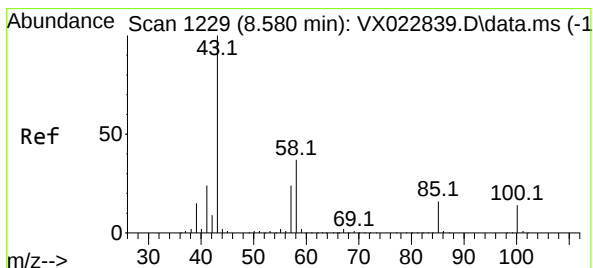
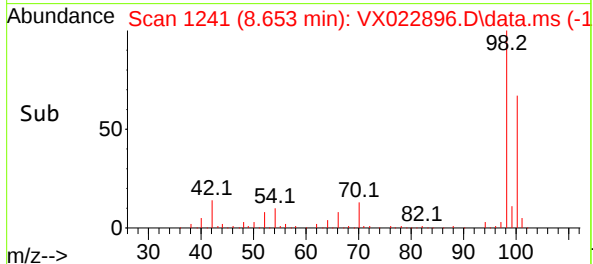
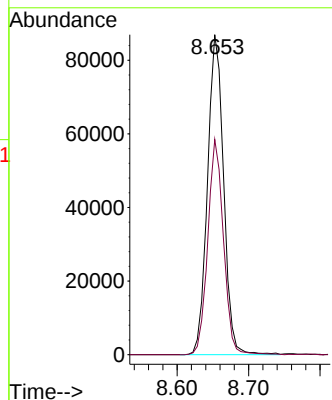
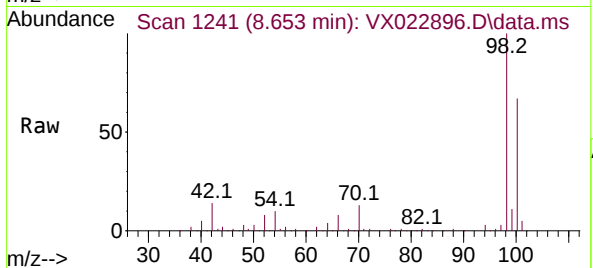




#50
Toluene-d8
Concen: 49.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

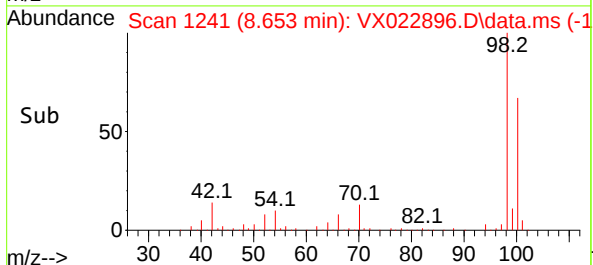
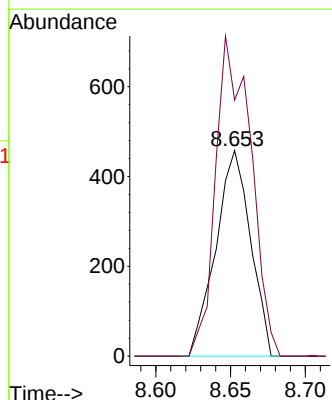
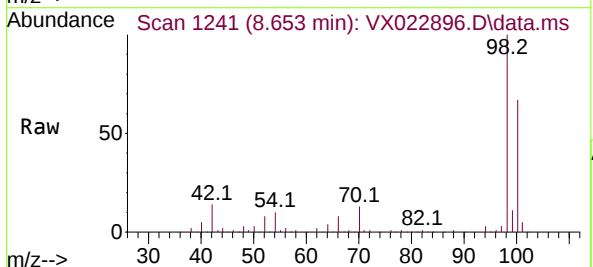
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

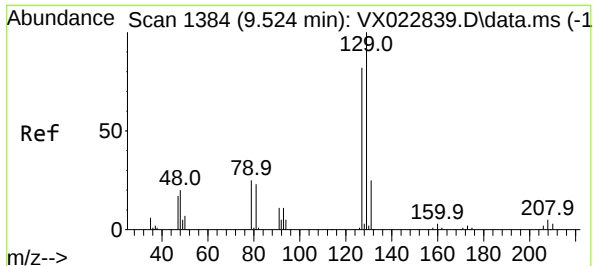
Tgt Ion: 98 Resp: 136242
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 157.4 35.4 53.0#

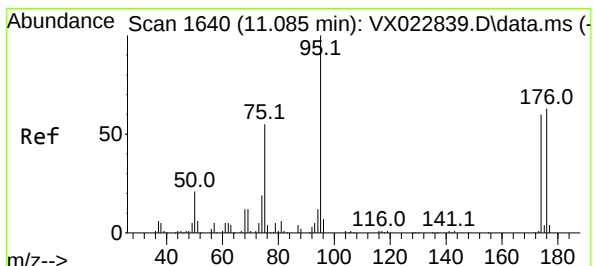
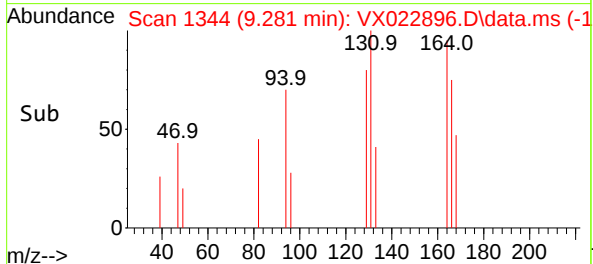
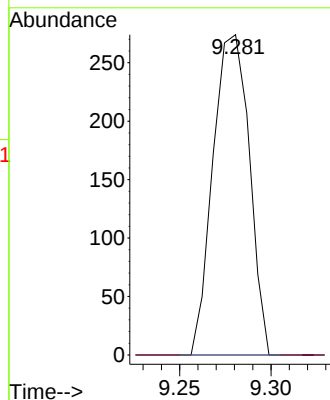
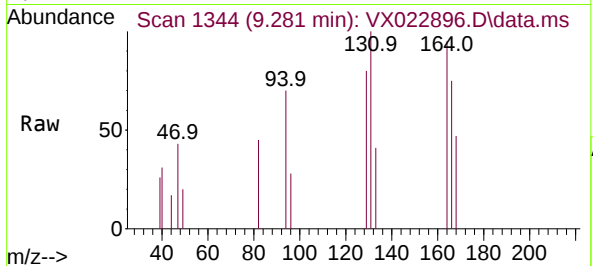




#60
Dibromochloromethane
Concen: 4.09 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

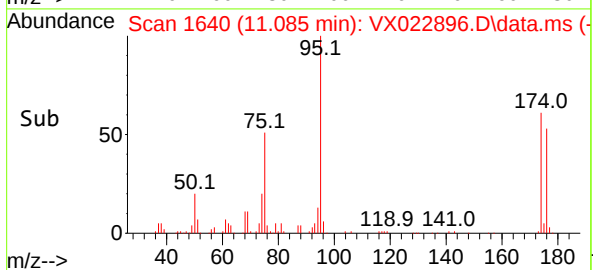
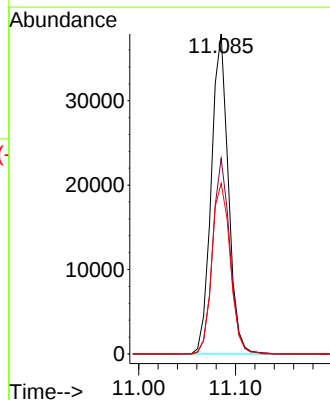
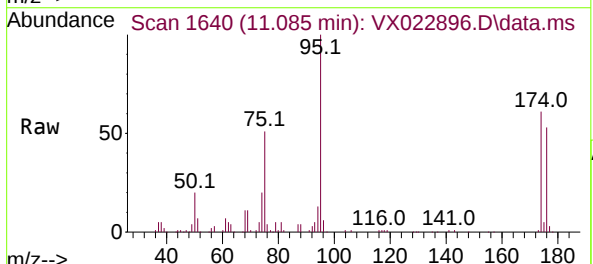
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

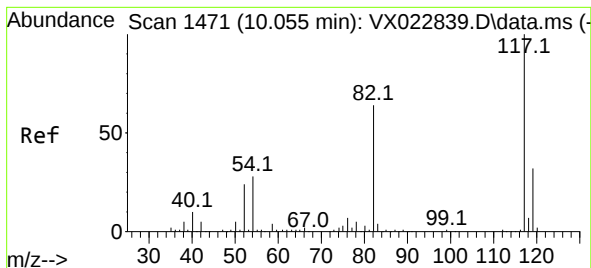
Tgt Ion:129 Resp: 380
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion: 95 Resp: 46418
Ion Ratio Lower Upper
95 100
174 61.7 0.0 154.6
176 57.4 0.0 155.8

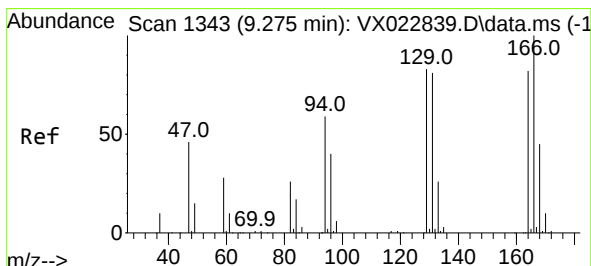
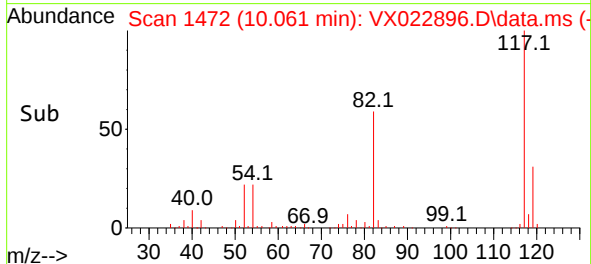
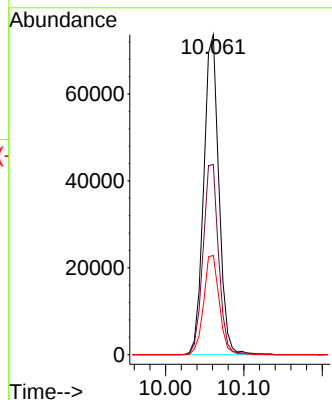
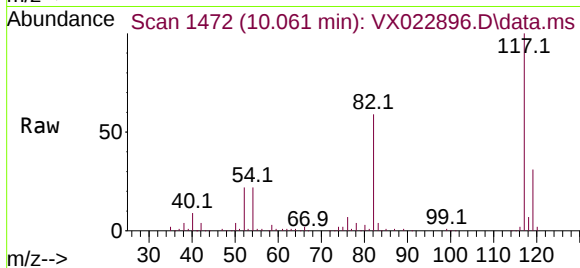




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

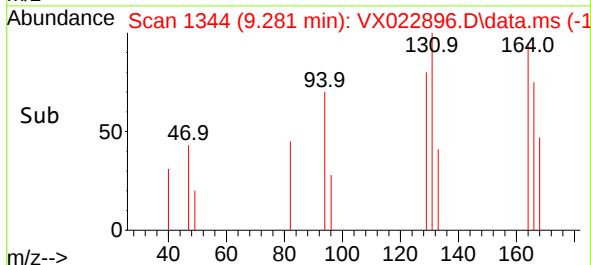
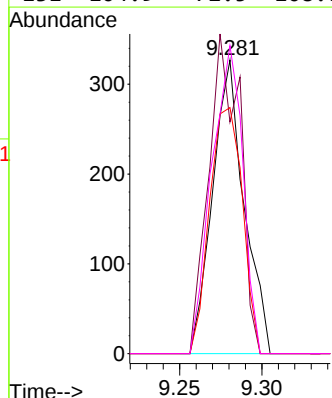
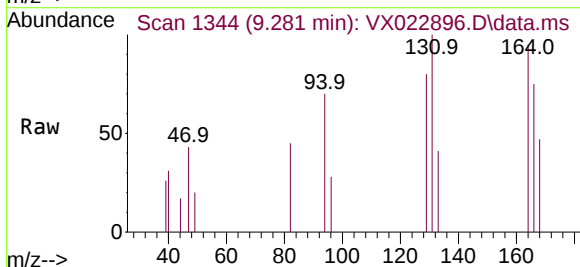
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

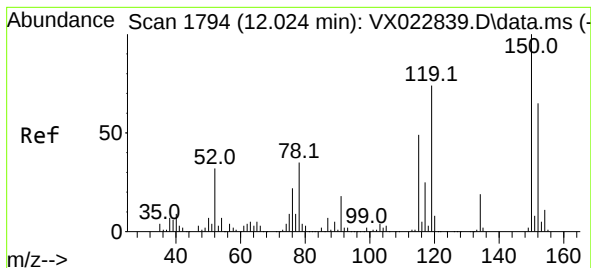
Tgt Ion:117 Resp: 99039
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.0 26.6 39.8



#64
Tetrachloroethene
Concen: 0.63 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion:164 Resp: 435
Ion Ratio Lower Upper
164 100
166 78.9 103.4 155.2#
129 83.8 70.8 106.2
131 104.9 72.5 108.7

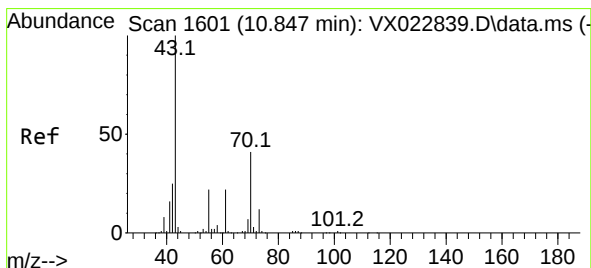
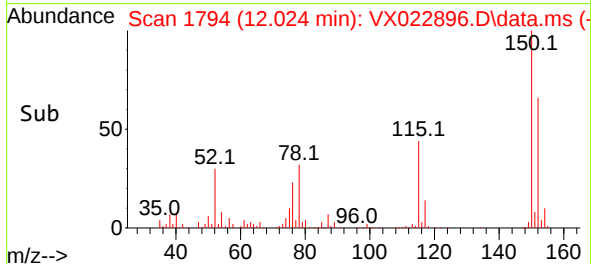
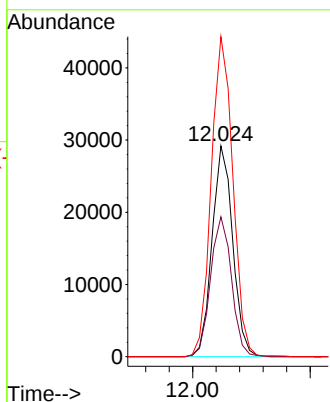
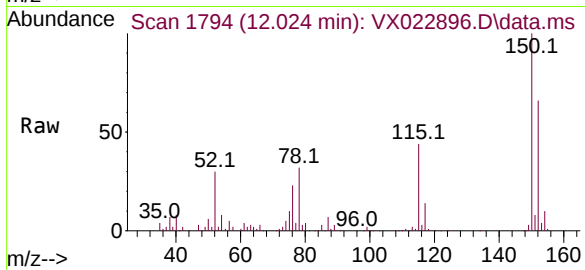




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

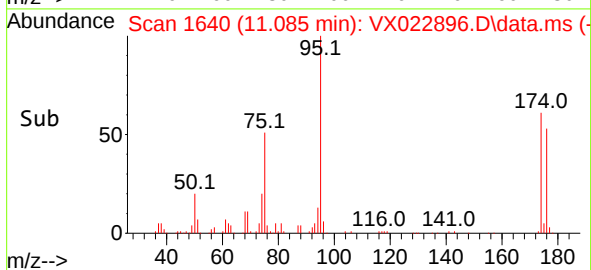
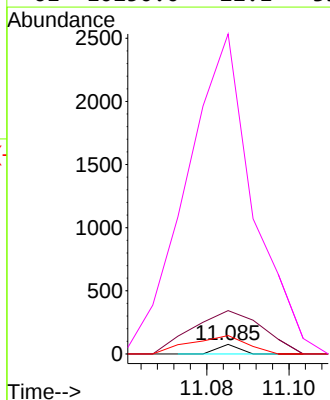
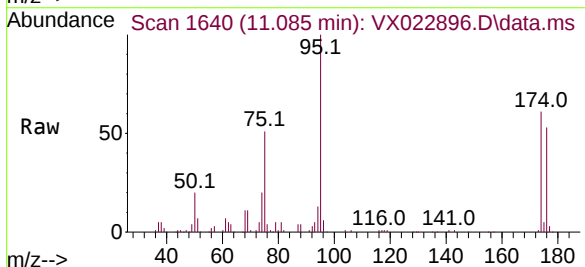
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

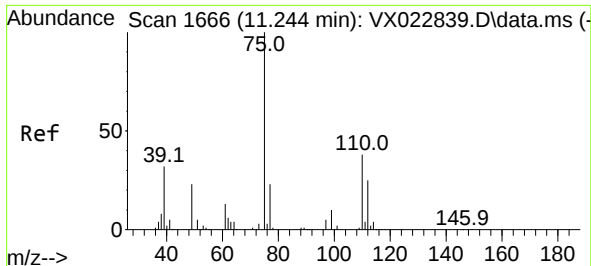
Tgt Ion:152 Resp: 35663
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 158.9 0.0 349.0



#74
N-ethyl acetate
Concen: 2.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.238 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
70 1460.7 39.0 58.6#
55 496.4 21.5 32.3#
61 10250.0 22.1 33.1#

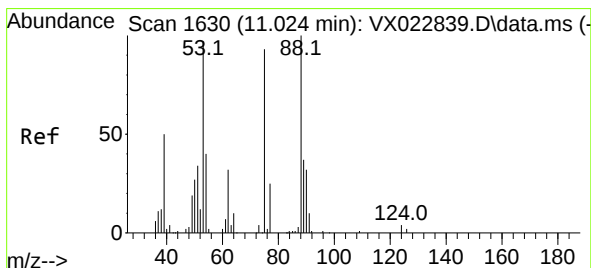
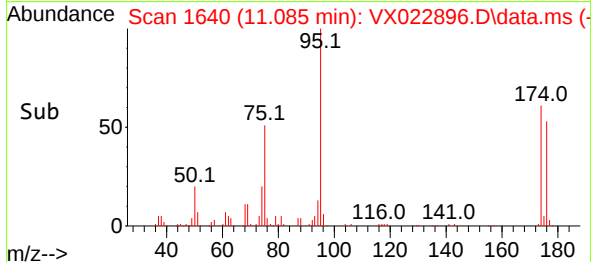
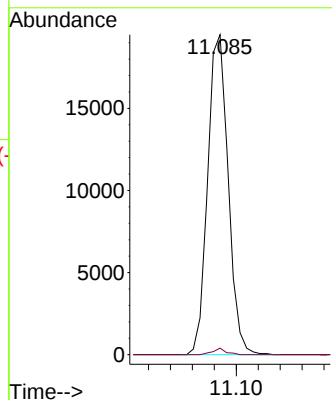
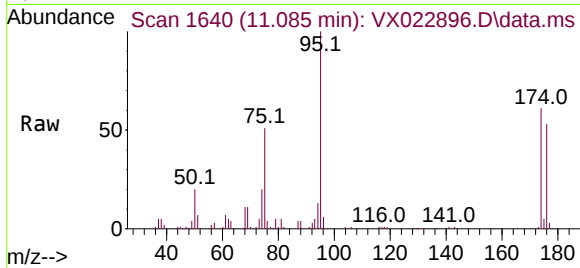




#76
1,2,3-Trichloropropane
Concen: 26.86 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20210622

Tgt Ion: 75 Resp: 25305
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.62 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022896.D
Acq: 25 Jun 2021 03:10

Tgt Ion: 75 Resp: 25305
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

