

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022869.D
 Acq On : 24 Jun 2021 13:37
 Operator : JC/MD
 Sample : M2783-14 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:38:17 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)

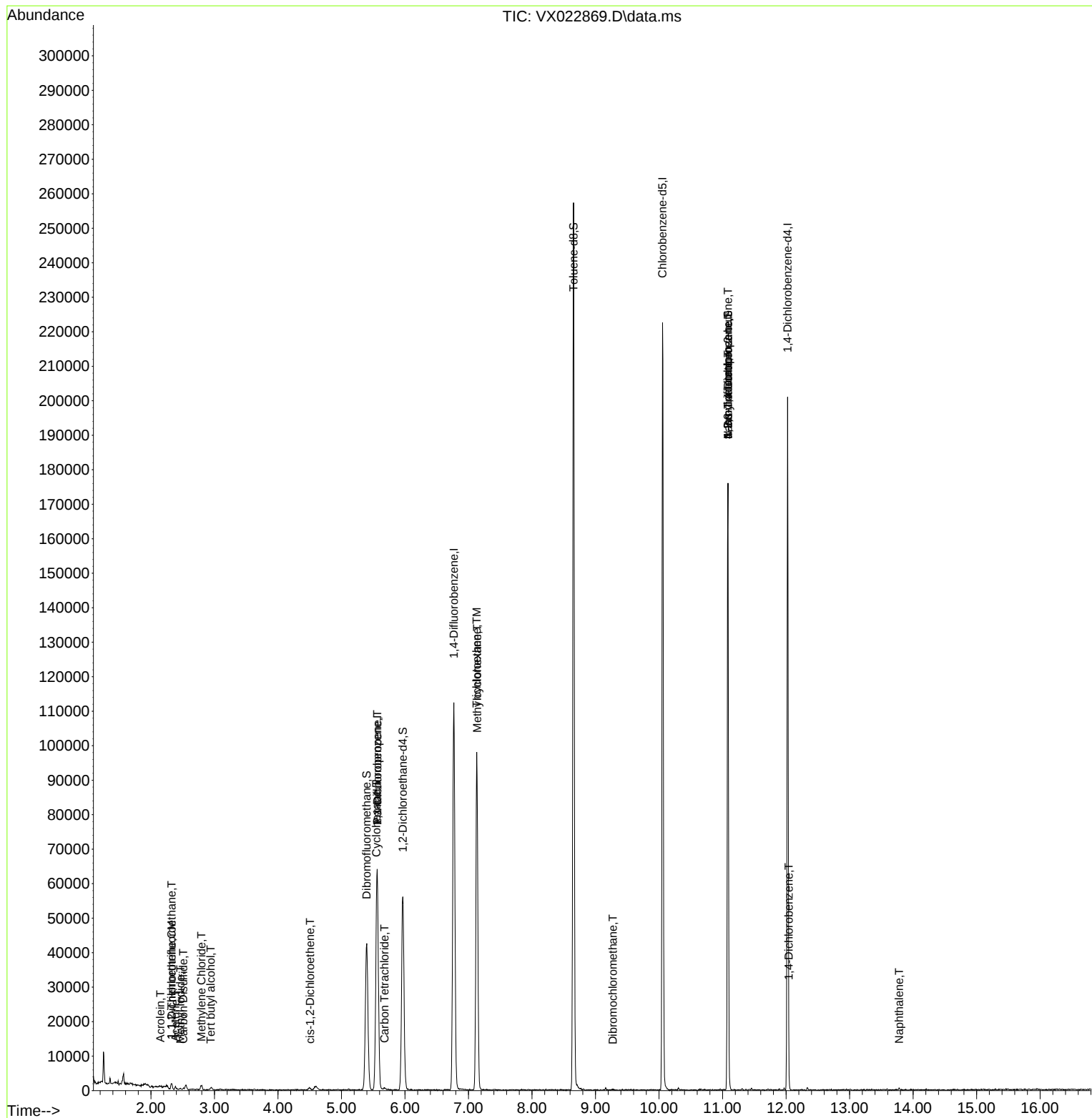
Internal Standards						
1) Pentafluorobenzene	5.562	168	53017	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52381	54.44	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.88%
35) Dibromofluoromethane	5.397	113	35918	52.02	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.04%
50) Toluene-d8	8.653	98	144961	53.57	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.14%
62) 4-Bromofluorobenzene	11.085	95	46592	46.13	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.26%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	248	0.36	ug/l	# 56
10) Methyl Iodide	2.465	142	332	4.25	ug/l	# 64
11) Tert butyl alcohol	2.940	59	413	2.06	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	362	0.53	ug/l	# 84
13) Acrolein	2.148	56	46	0.37	ug/l	# 14
16) Acetone	2.386	43	679	1.59	ug/l	# 84
17) Carbon Disulfide	2.508	76	519	3.77	ug/l	# 75
20) Methylene Chloride	2.794	84	687	1.18	ug/l	# 85
27) cis-1,2-Dichloroethene	4.507	96	341	0.40	ug/l	76
31) Cyclohexane	5.550	56	1632	1.20	ug/l	# 52
36) 1,1-Dichloropropene	5.562	75	5526	4.78	ug/l	# 44
38) Carbon Tetrachloride	5.678	117	454	0.47	ug/l	# 43
39) Methylcyclohexane	7.135	83	385	0.29	ug/l	# 1
44) Trichloroethene	7.129	130	34118	43.20	ug/l	94
60) Dibromochloromethane	9.275	129	19	3.67	ug/l	# 11
74) N-amyl acetate	11.085	43	51	2.08	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	26078	28.61	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26078	73.72	ug/l	# 12
88) 1,4-Dichlorobenzene	12.042	146	281	0.23	ug/l	# 1
95) Naphthalene	13.780	128	497	2.09	ug/l	# 85

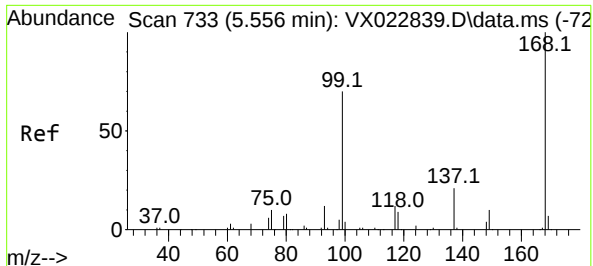
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

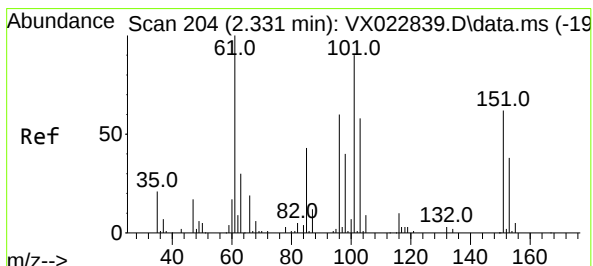
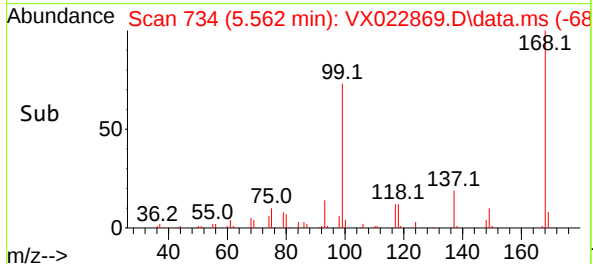
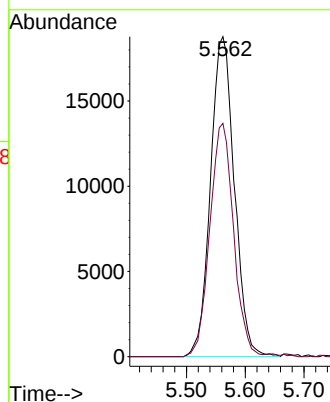
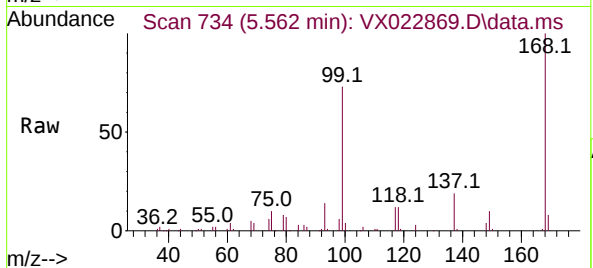




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

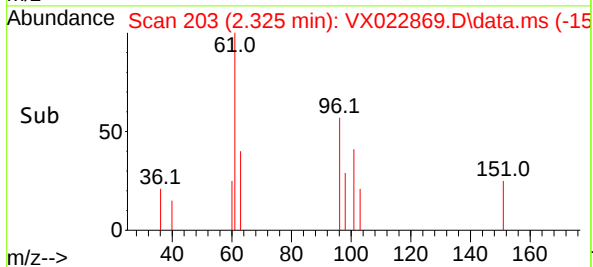
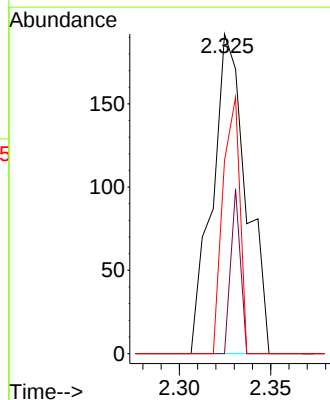
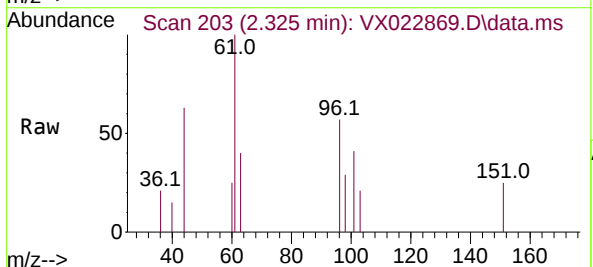
Instrument :
MSVOA_X
ClientSampled :

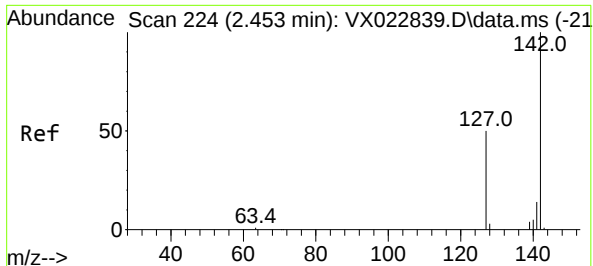
Tgt Ion:168 Resp: 53017
Ion Ratio Lower Upper
168 100
99 72.9 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.36 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion:101 Resp: 248
Ion Ratio Lower Upper
101 100
85 14.5 34.9 52.3#
151 39.9 61.4 92.2#

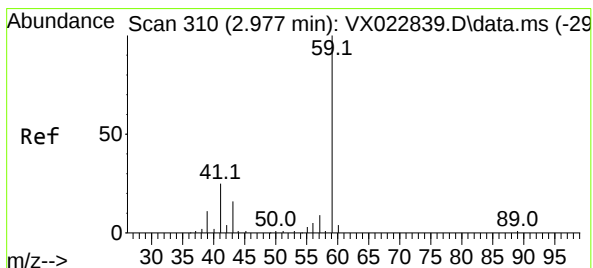
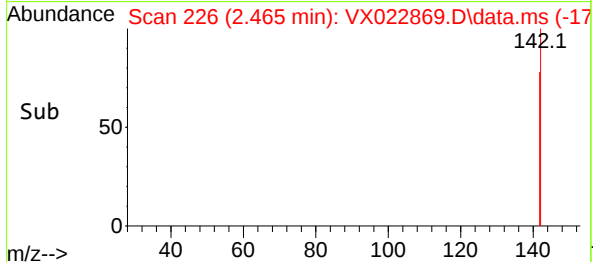
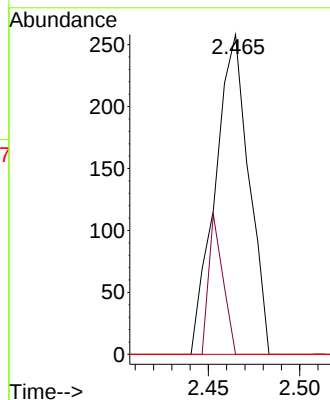
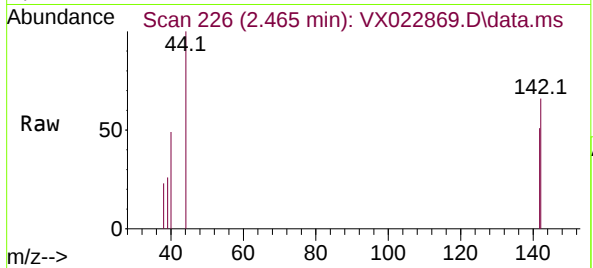




#10
Methyl Iodide
Concen: 4.25 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

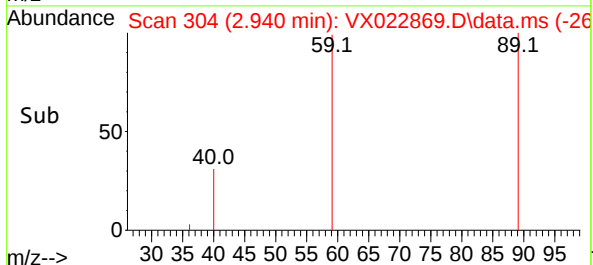
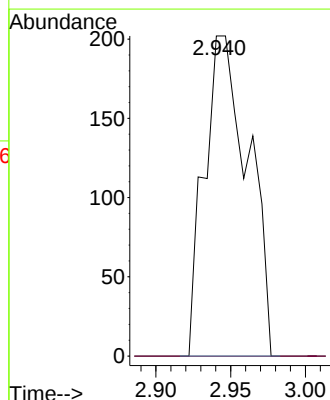
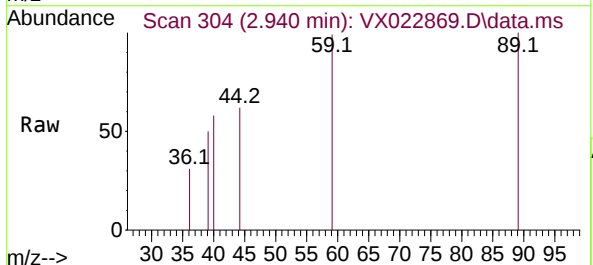
Instrument :
MSVOA_X
ClientSampled :

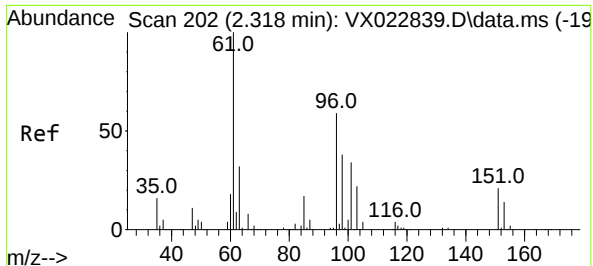
Tgt Ion:142 Resp: 332
Ion Ratio Lower Upper
142 100
127 18.4 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.06 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.53 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022869.D

Acq: 24 Jun 2021 13:37

Tgt Ion: 96 Resp: 362

Ion Ratio Lower Upper

96 100

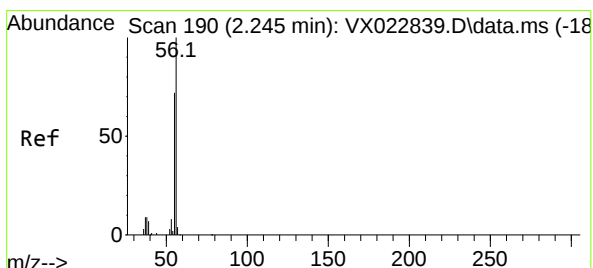
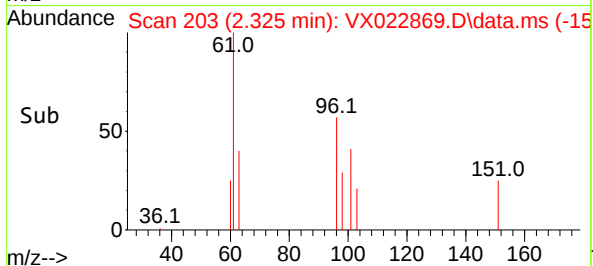
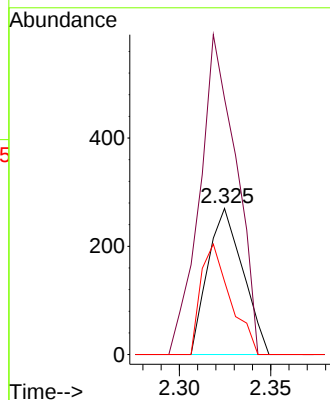
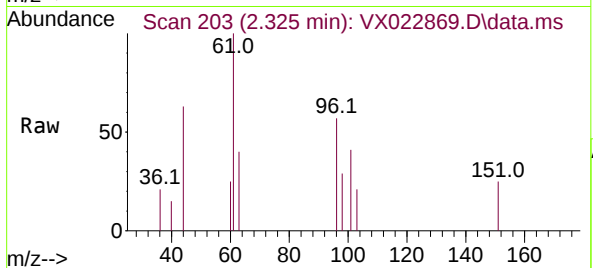
61 175.2 124.6 187.0

98 50.0 50.6 76.0#

Instrument :

MSVOA_X

ClientSampled :



#13

Acrolein

Concen: 0.37 ug/l

RT: 2.148 min Scan# 174

Delta R.T. -0.097 min

Lab File: VX022869.D

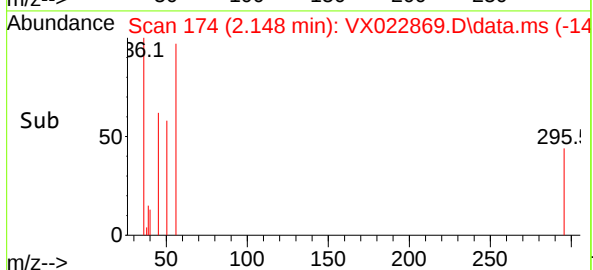
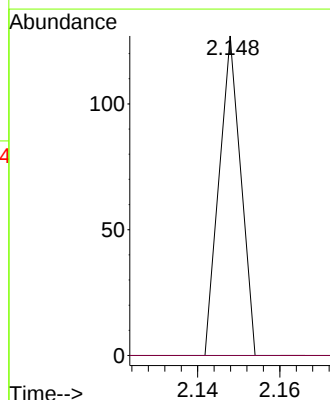
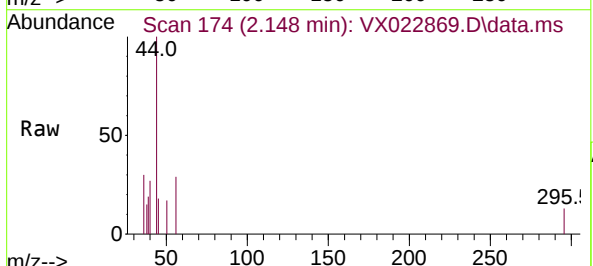
Acq: 24 Jun 2021 13:37

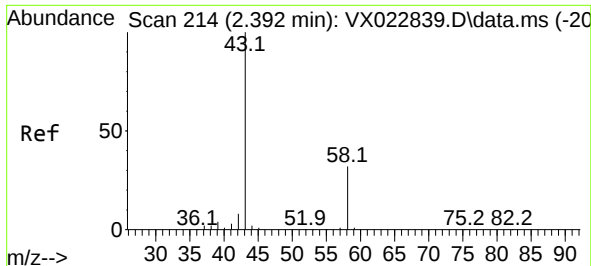
Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#

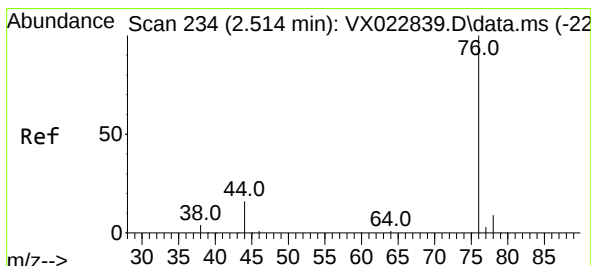
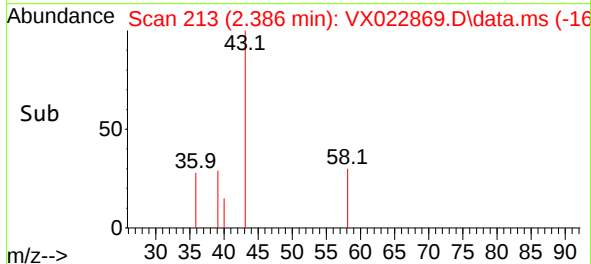
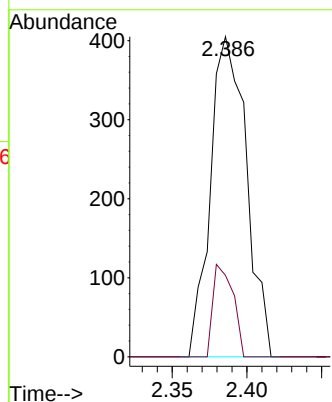
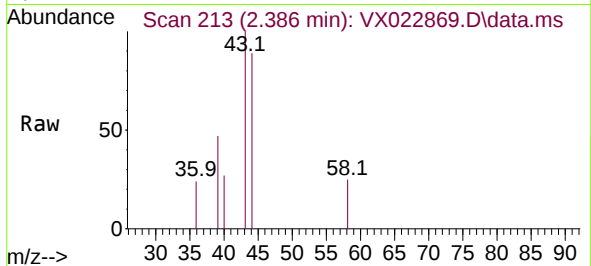




#16
Acetone
Concen: 1.59 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

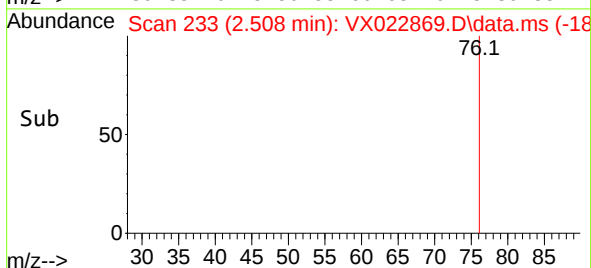
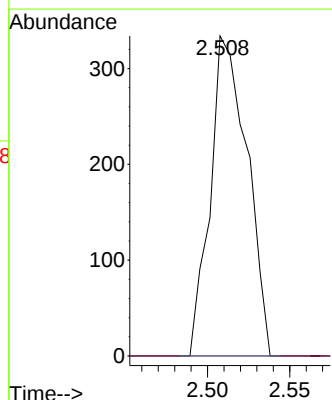
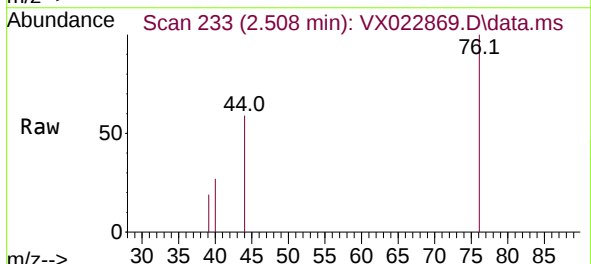
Instrument :
MSVOA_X
ClientSampleId :

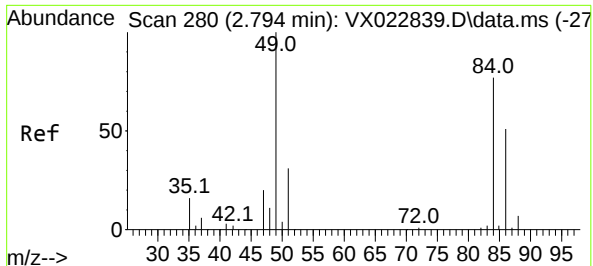
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.77 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion: 76 Resp: 519
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 1.18 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022869.D

Acq: 24 Jun 2021 13:37

Tgt Ion: 84 Resp: 687

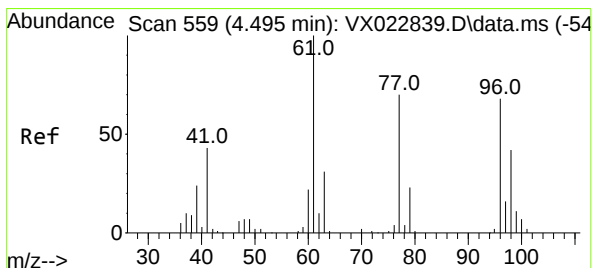
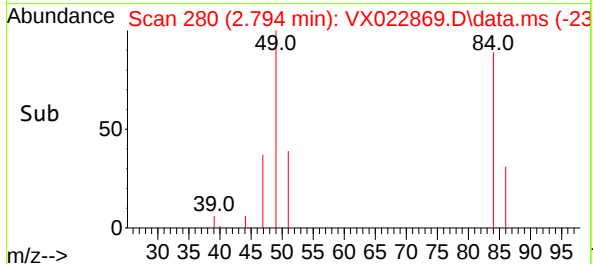
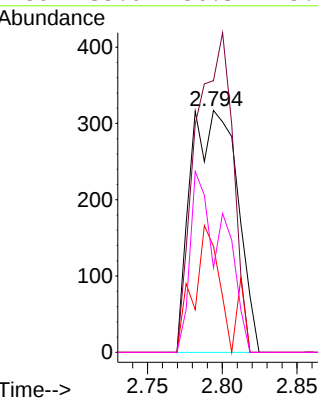
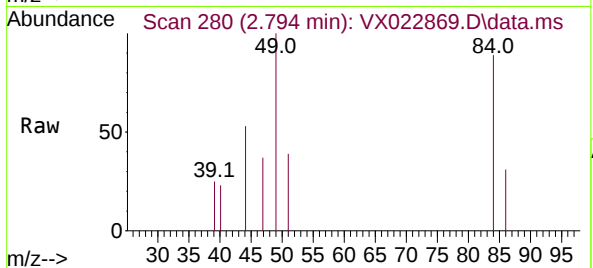
Ion Ratio Lower Upper

84 100

49 112.3 88.6 132.8

51 43.8 27.0 40.6#

86 35.0 50.3 75.5#



#27

cis-1,2-Dichloroethene

Concen: 0.40 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX022869.D

Acq: 24 Jun 2021 13:37

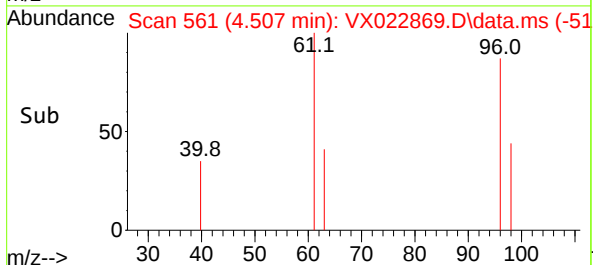
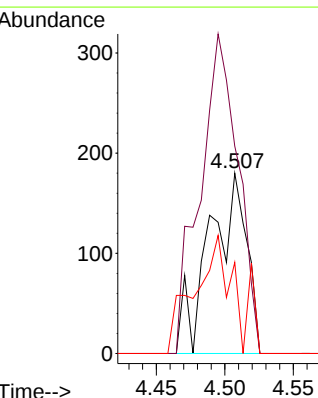
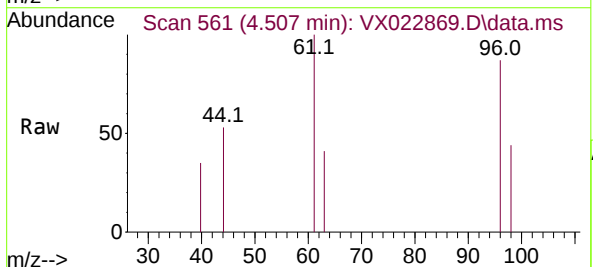
Tgt Ion: 96 Resp: 341

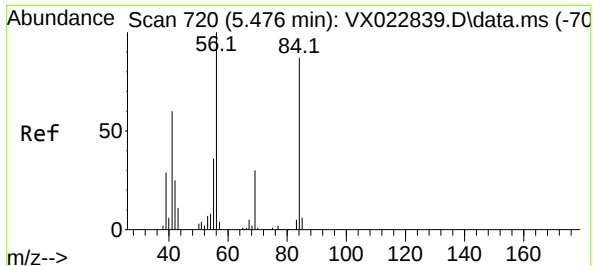
Ion Ratio Lower Upper

96 100

61 180.9 0.0 285.6

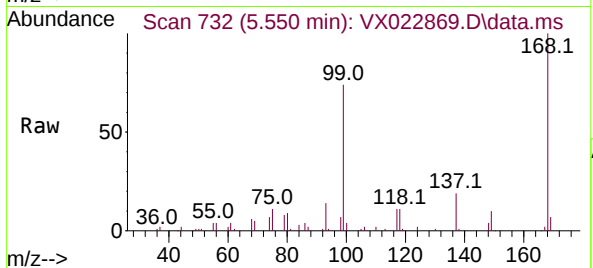
98 72.7 0.0 129.6



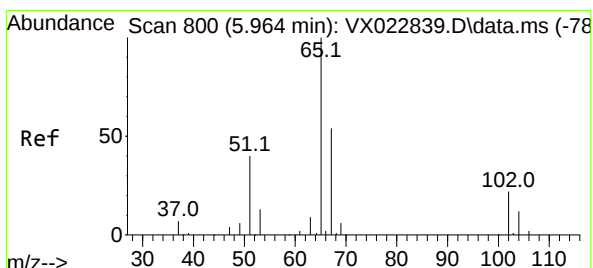
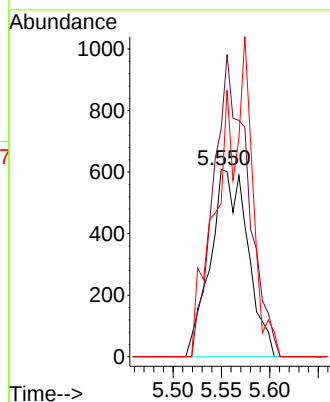
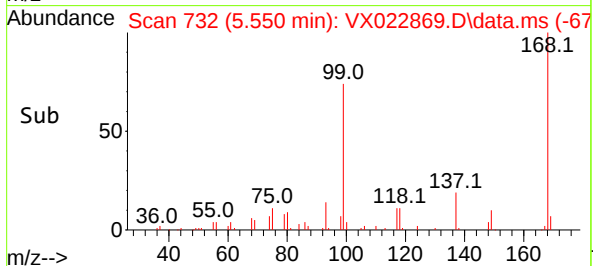


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

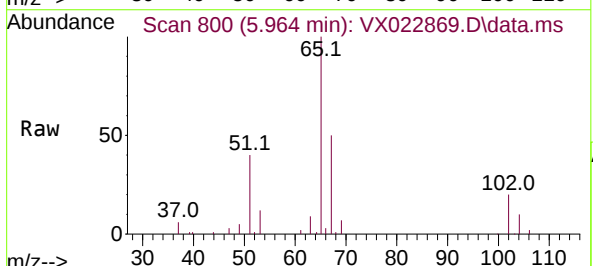
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MSVOA_X
ClientSampled :



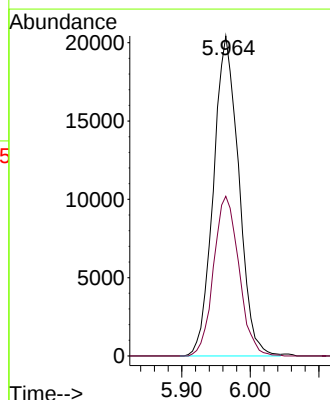
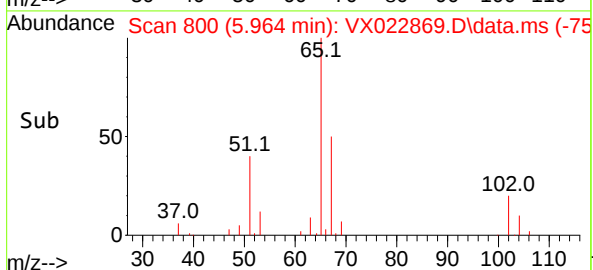
Tgt Ion: 56 Resp: 1632
Ion Ratio Lower Upper
56 100
69 121.5 25.3 37.9#
84 81.9 71.4 107.0

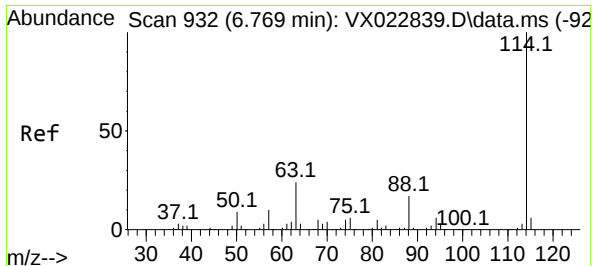


#33
1,2-Dichloroethane-d4
Concen: 54.44 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37



Tgt Ion: 65 Resp: 52381
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

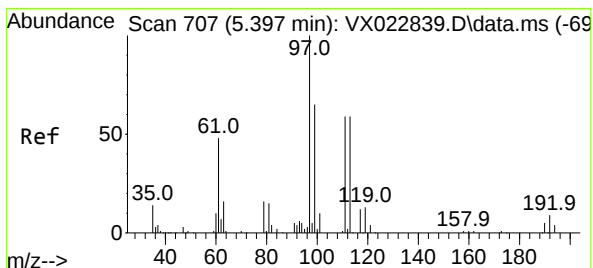
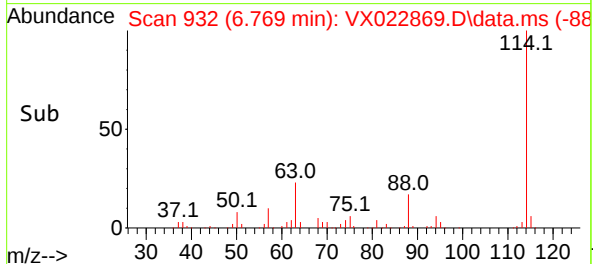
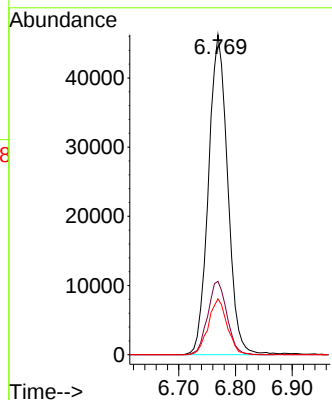
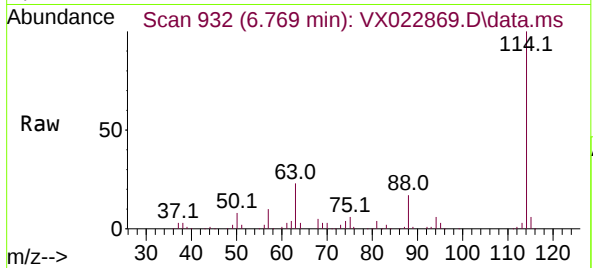




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

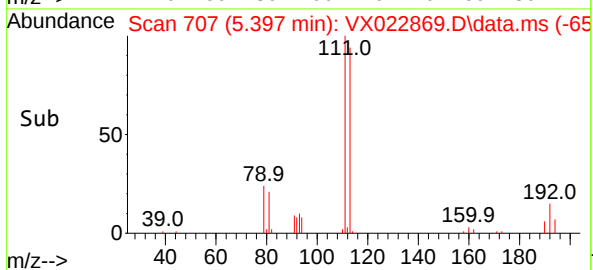
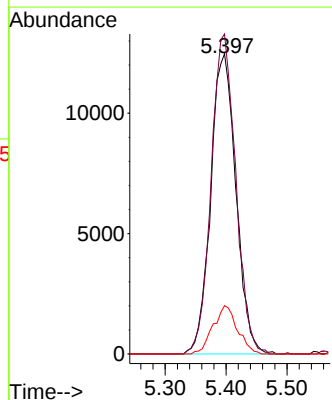
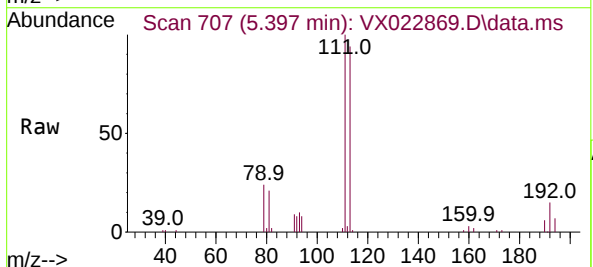
Instrument :
MSVOA_X
ClientSampleId :

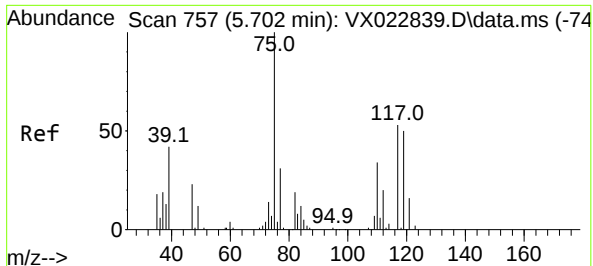
Tgt Ion:114 Resp: 108733
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.02 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion:113 Resp: 35918
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 15.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.78 ug/l

RT: 5.562 min Scan# 734

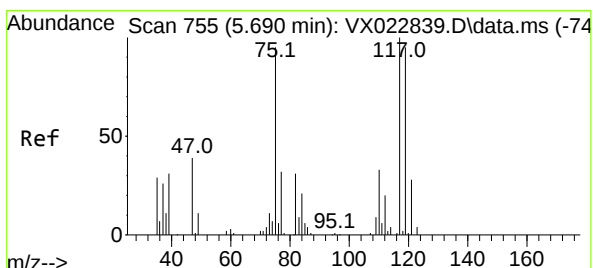
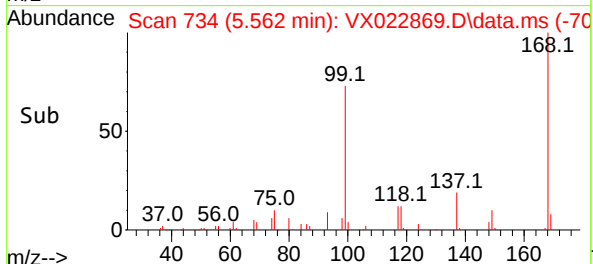
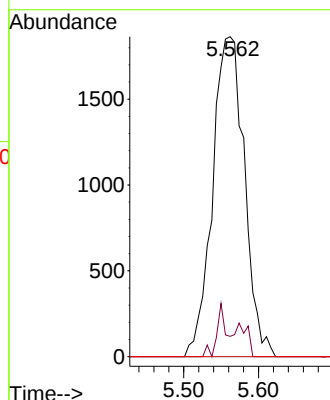
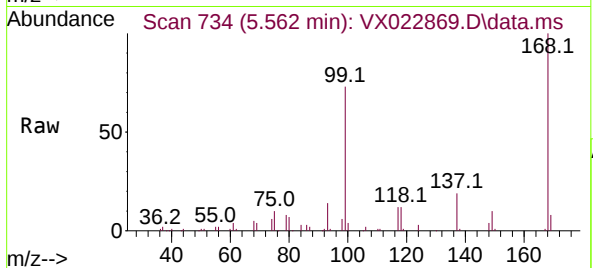
Delta R.T. -0.140 min

Lab File: VX022869.D

Acq: 24 Jun 2021 13:37

Tgt Ion:	75	Resp:	5526
Ion	Ratio	Lower	Upper
75	100		
110	4.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 0.47 ug/l

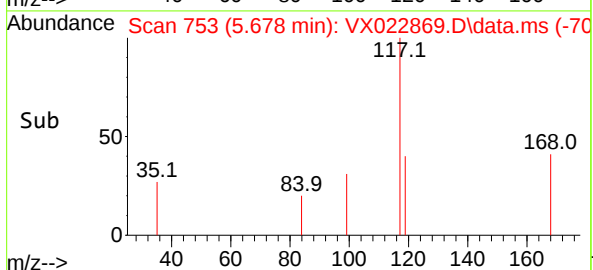
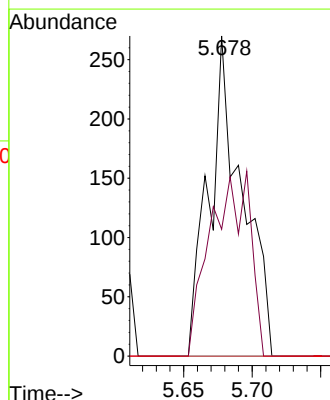
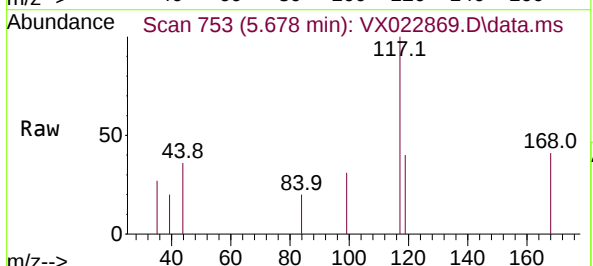
RT: 5.678 min Scan# 753

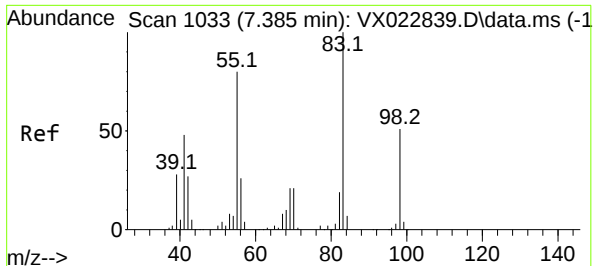
Delta R.T. -0.012 min

Lab File: VX022869.D

Acq: 24 Jun 2021 13:37

Tgt Ion:	117	Resp:	454
Ion	Ratio	Lower	Upper
117	100		
119	39.6	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.29 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022869.D

Acq: 24 Jun 2021 13:37

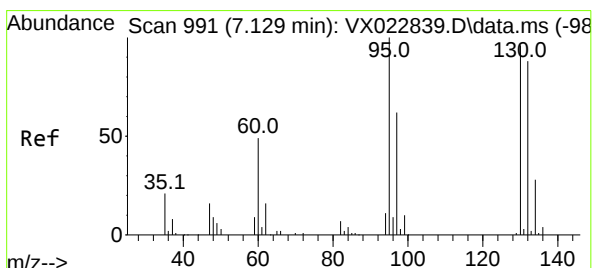
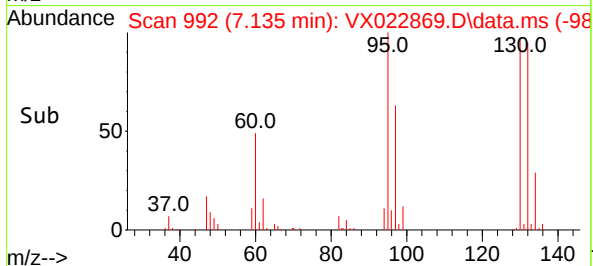
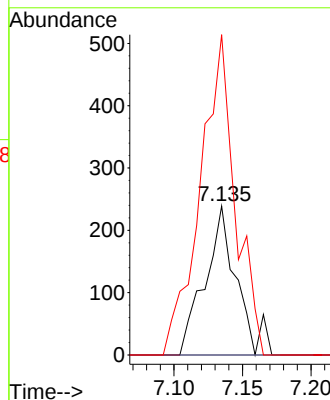
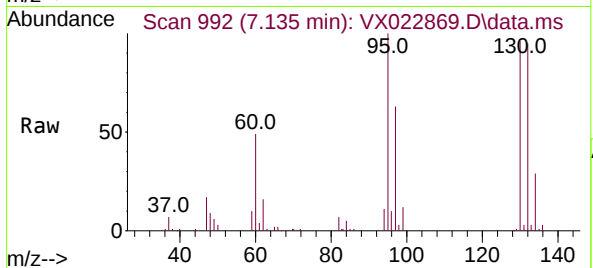
Tgt Ion: 83 Resp: 385

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 215.1 38.1 57.1#



#44

Trichloroethene

Concen: 43.20 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022869.D

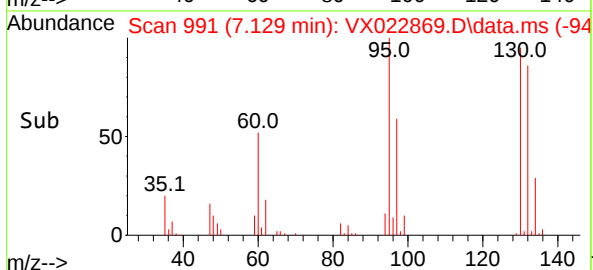
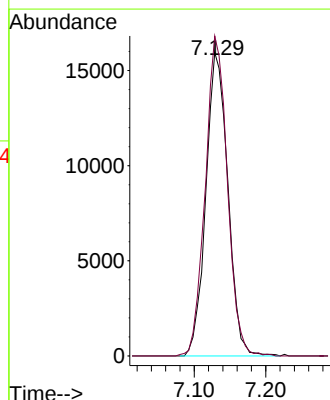
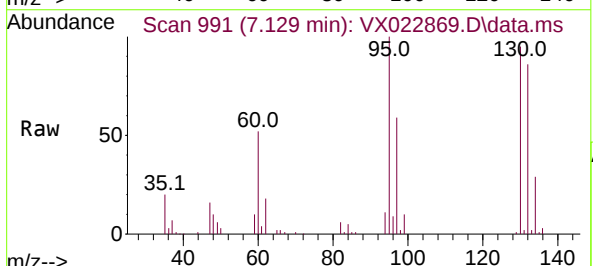
Acq: 24 Jun 2021 13:37

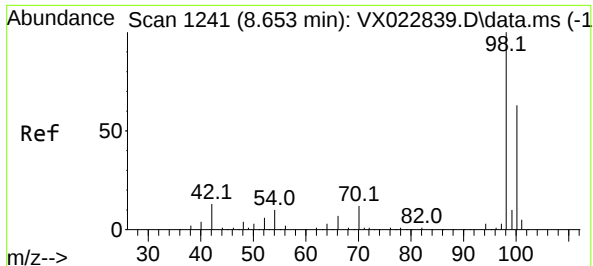
Tgt Ion:130 Resp: 34118

Ion Ratio Lower Upper

130 100

95 105.4 0.0 198.0

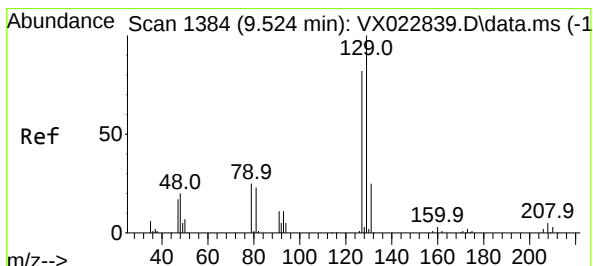
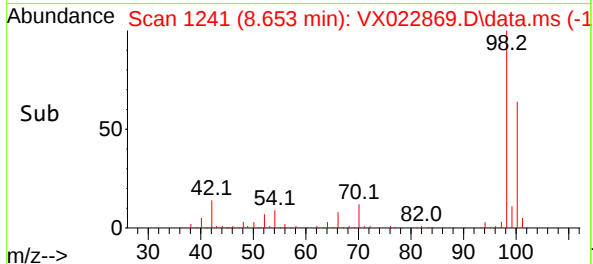
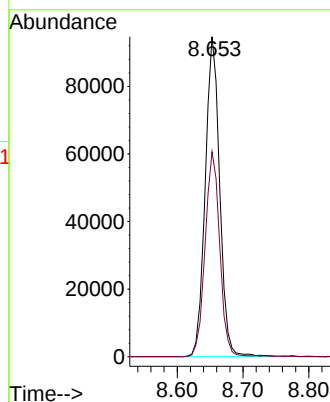
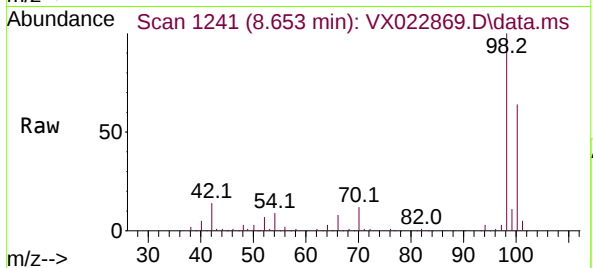




#50
Toluene-d8
Concen: 53.57 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

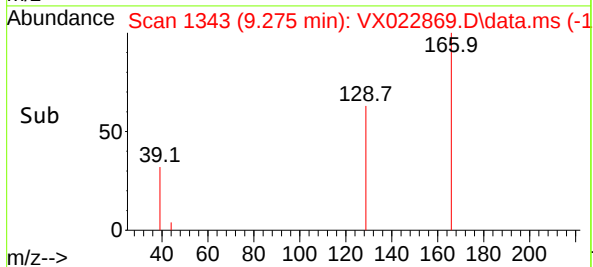
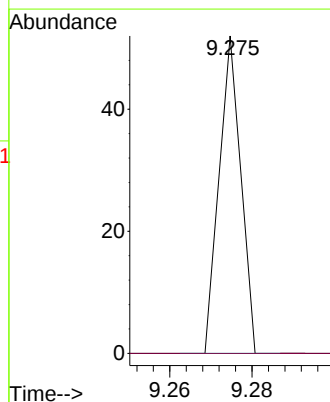
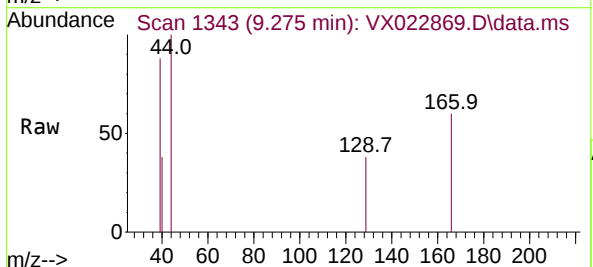
Instrument :
MSVOA_X
ClientSampled :

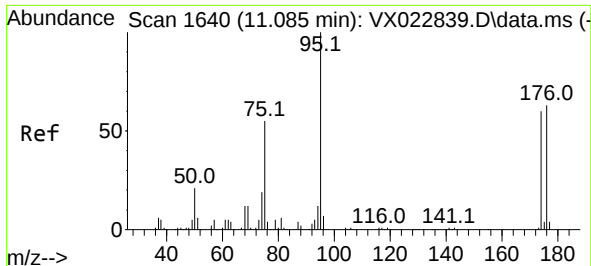
Tgt Ion: 98 Resp: 144961
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#60
Dibromochloromethane
Concen: 3.67 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion:129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

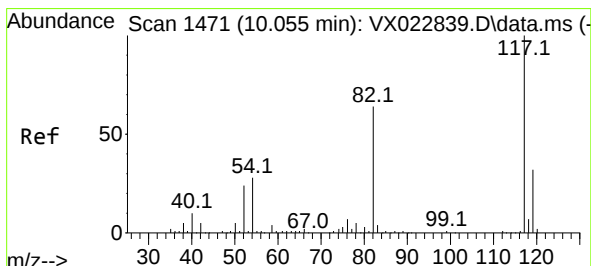
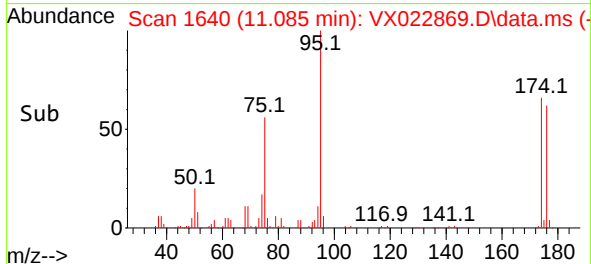
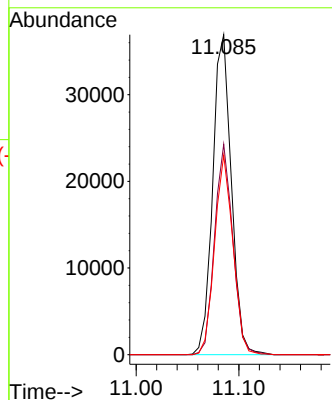
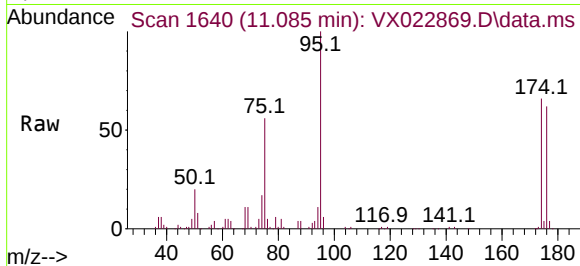




#62
4-Bromofluorobenzene
Concen: 46.13 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

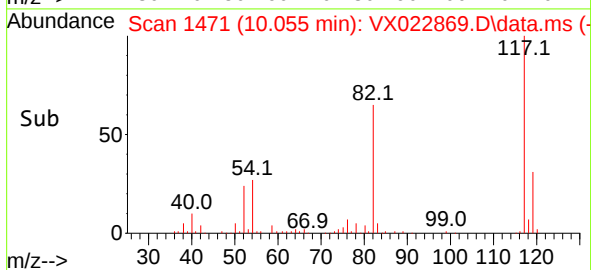
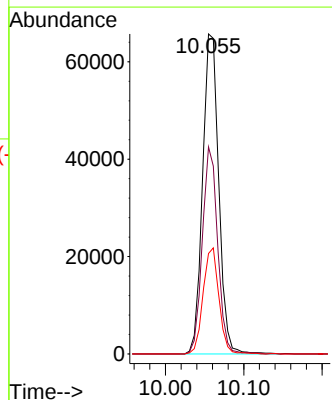
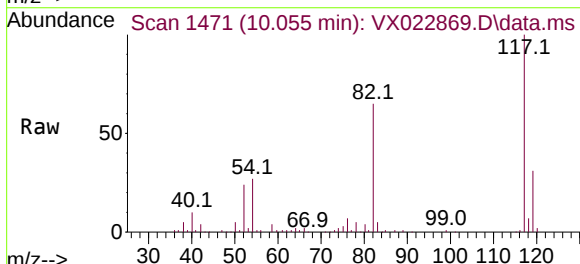
Instrument :
MSVOA_X
ClientSampleId :

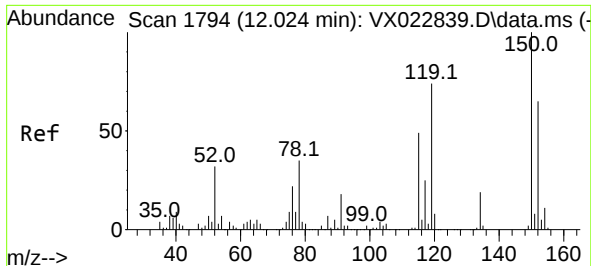
Tgt Ion: 95 Resp: 46592
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 61.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion: 117 Resp: 93827
Ion Ratio Lower Upper
117 100
82 64.7 47.4 71.2
119 31.4 26.6 39.8

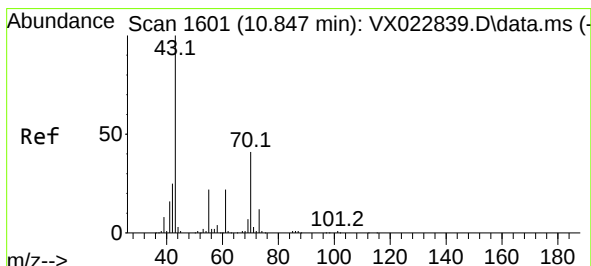
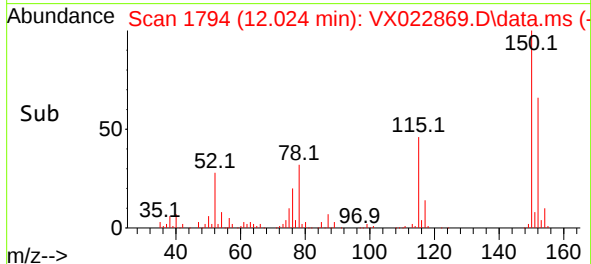
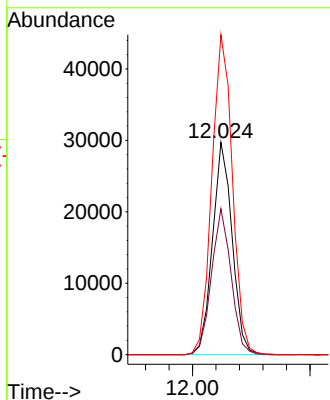
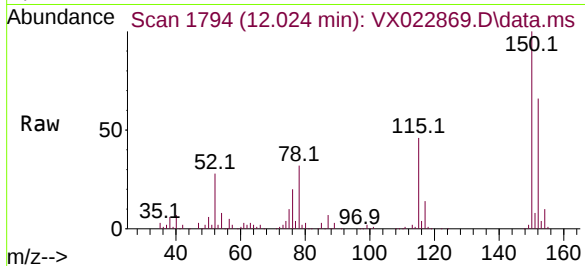




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022869.D
 Acq: 24 Jun 2021 13:37

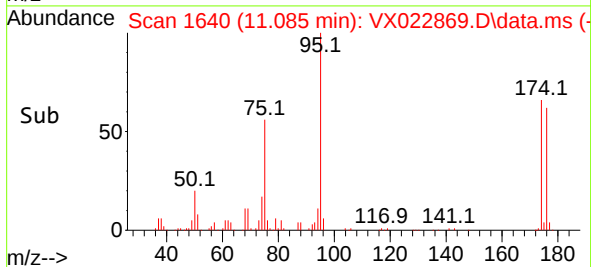
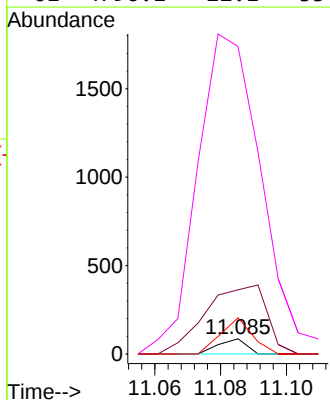
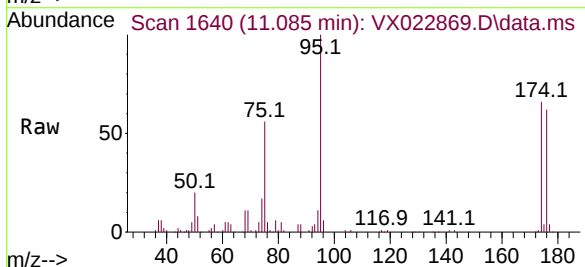
Instrument :
 MSVOA_X
 ClientSampled :

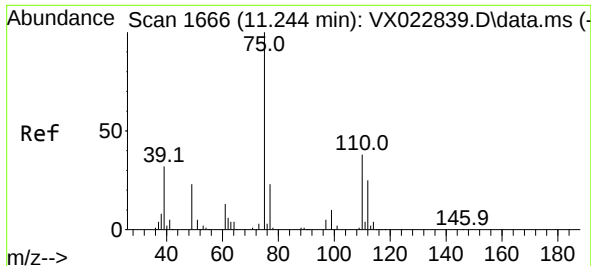
Tgt Ion:152 Resp: 34512
 Ion Ratio Lower Upper
 152 100
 115 68.7 41.1 123.3
 150 157.6 0.0 349.0



#74
 N-ethyl acetate
 Concen: 2.08 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.238 min
 Lab File: VX022869.D
 Acq: 24 Jun 2021 13:37

Tgt Ion: 43 Resp: 51
 Ion Ratio Lower Upper
 43 100
 70 988.2 39.0 58.6#
 55 268.6 21.5 32.3#
 61 4796.1 22.1 33.1#

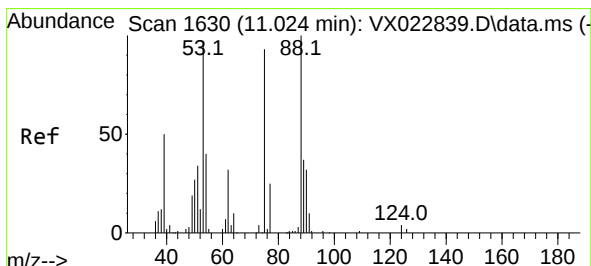
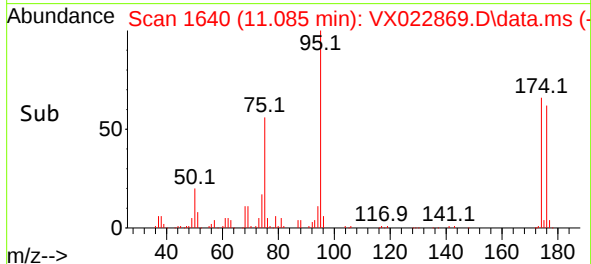
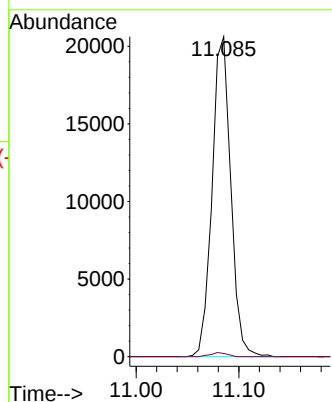
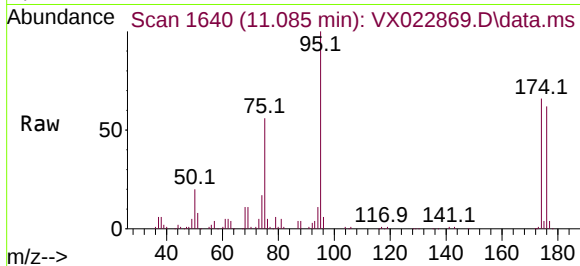




#76
1,2,3-Trichloropropane
Concen: 28.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

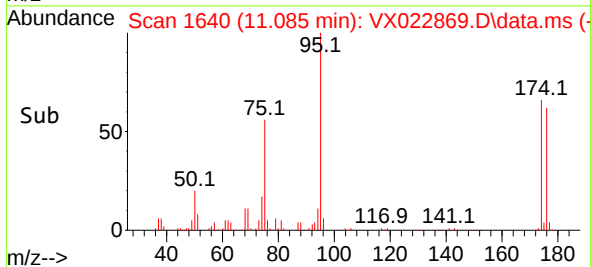
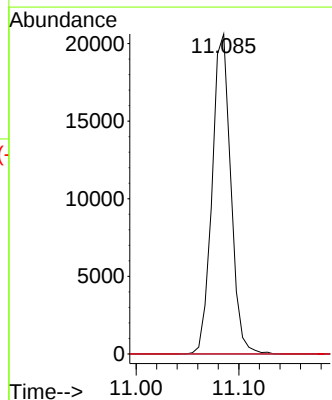
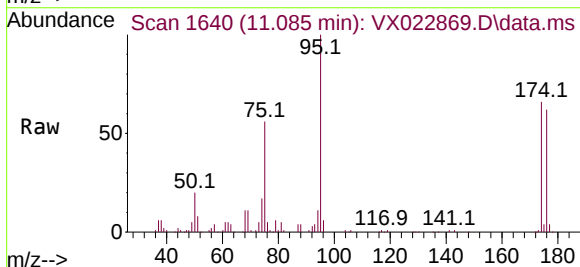
Instrument :
MSVOA_X
ClientSampled :

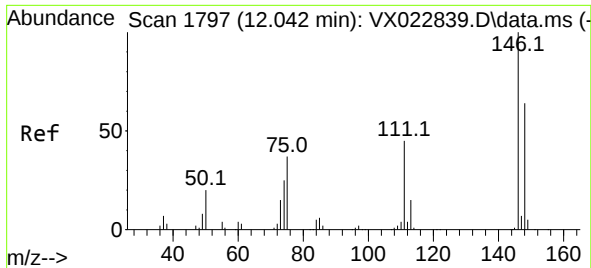
Tgt Ion: 75 Resp: 26078
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.72 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion: 75 Resp: 26078
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

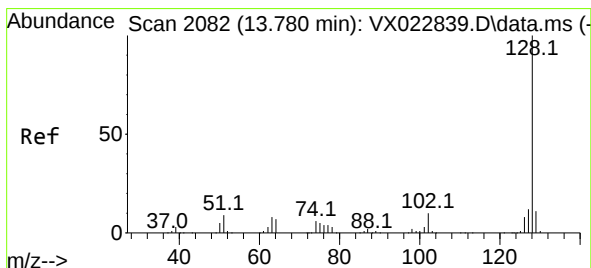
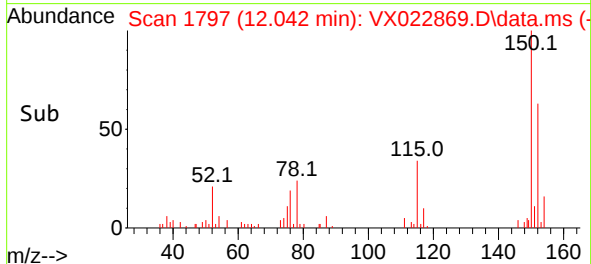
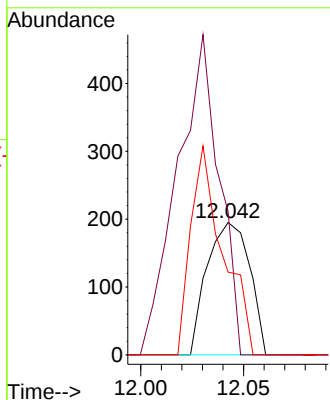
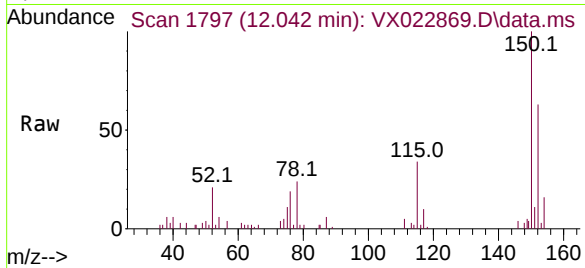




#88
1,4-Dichlorobenzene
Concen: 0.23 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:146 Resp: 281
Ion Ratio Lower Upper
146 100
111 238.1 19.6 58.8#
148 119.2 31.6 95.0#



#95
Naphthalene
Concen: 2.09 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022869.D
Acq: 24 Jun 2021 13:37

Tgt Ion:128 Resp: 497
Ion Ratio Lower Upper
128 100
127 4.4 10.3 15.5#
129 8.5 8.8 13.2#

