

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX022999.D
 Acq On : 29 Jun 2021 13:34
 Operator : JC/MD
 Sample : M2875-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 30 01:43:25 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)

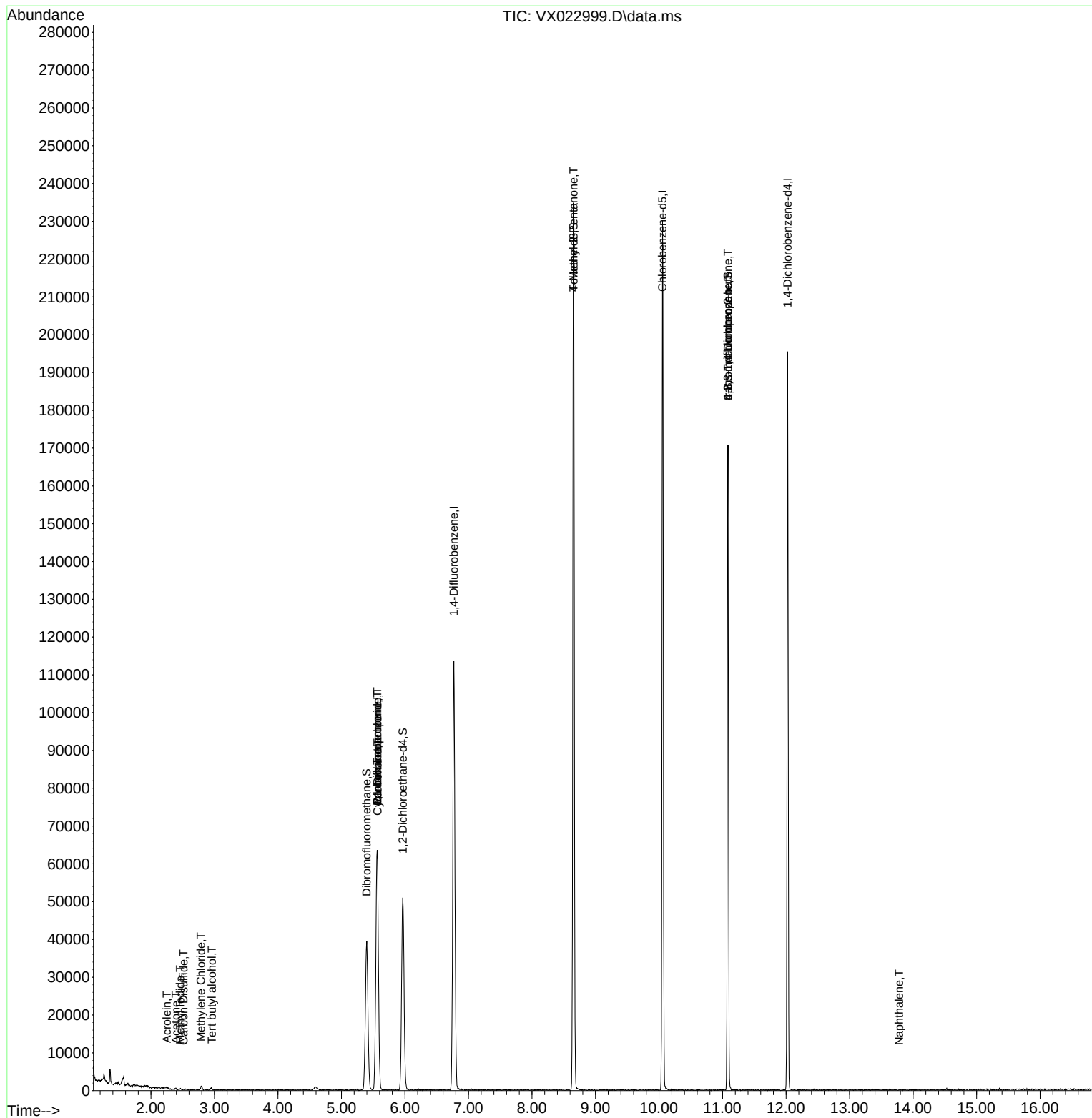
Internal Standards						
1) Pentafluorobenzene	5.562	168	52477	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	105490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47907	50.304	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.600%		
35) Dibromofluoromethane	5.397	113	33180	49.531	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.060%		
50) Toluene-d8	8.653	98	131064	49.921	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.840%		
62) 4-Bromofluorobenzene	11.085	95	44125	45.033	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.060%		
Target Compounds						
						Qvalue
10) Methyl Iodide	2.459	142	127	4.022	ug/l	# 42
11) Tert butyl alcohol	2.959	59	235	1.184	ug/l	# 73
13) Acrolein	2.251	56	53	0.429	ug/l	# 14
16) Acetone	2.392	43	413	0.978	ug/l	# 87
17) Carbon Disulfide	2.514	76	56	3.544	ug/l	# 75
20) Methylene Chloride	2.788	84	401	0.848	ug/l	# 70
31) Cyclohexane	5.568	56	1776	1.321	ug/l	# 23
36) 1,1-Dichloropropene	5.562	75	5352	4.777	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6280	6.682	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	638	0.491	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	26514	30.887	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26514	79.074	ug/l	# 12
95) Naphthalene	13.780	128	111	1.963	ug/l	# 69

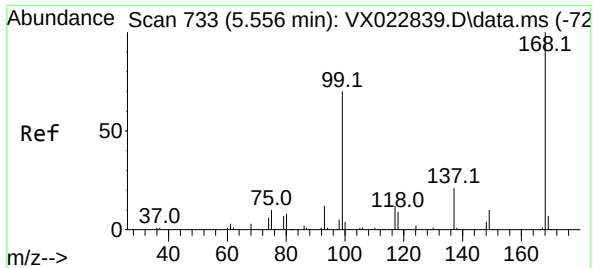
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 30 01:43:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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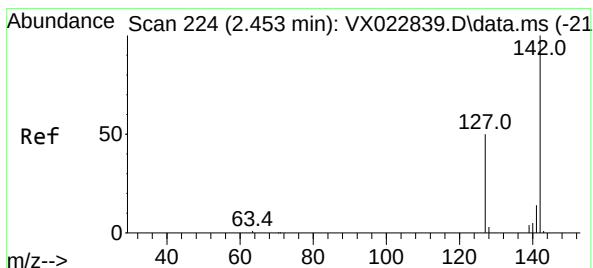
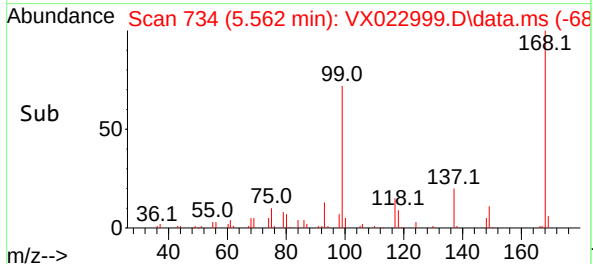
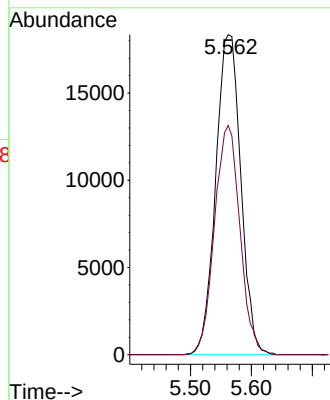
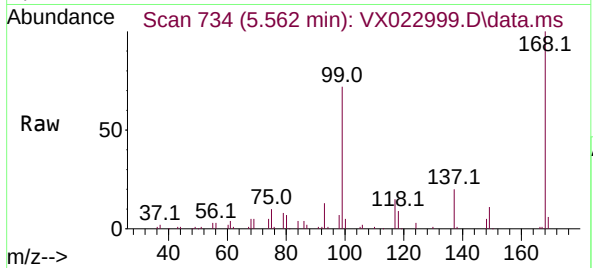




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

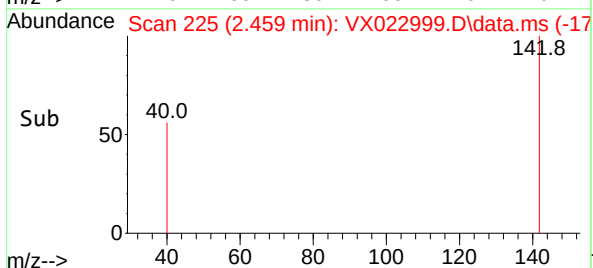
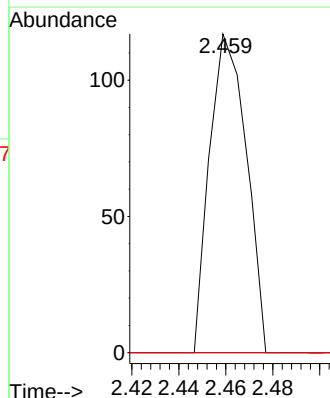
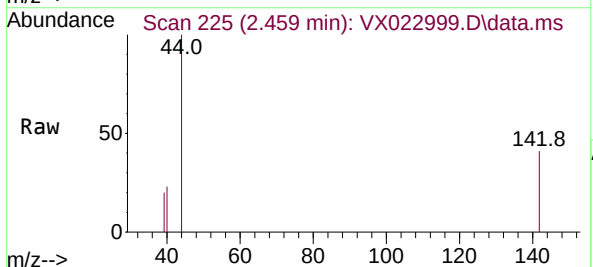
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

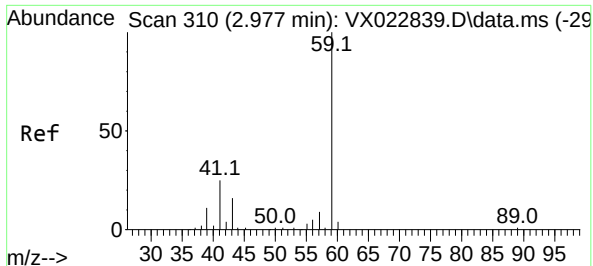
Tgt Ion:168 Resp: 52477
Ion Ratio Lower Upper
168 100
99 71.6 45.8 68.6#



#10
Methyl Iodide
Concen: 4.022 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

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



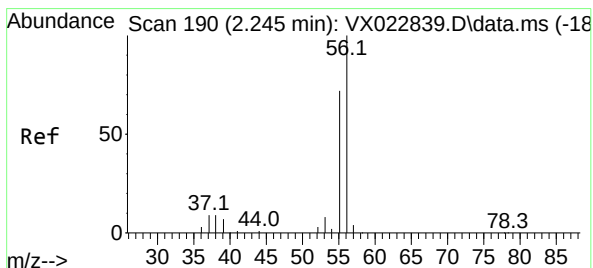
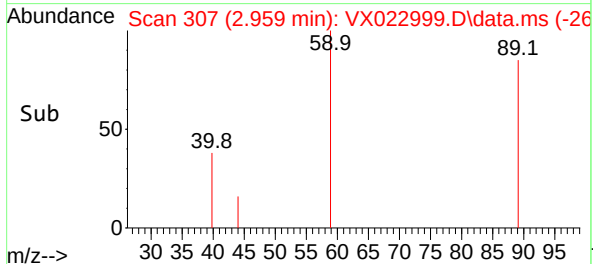
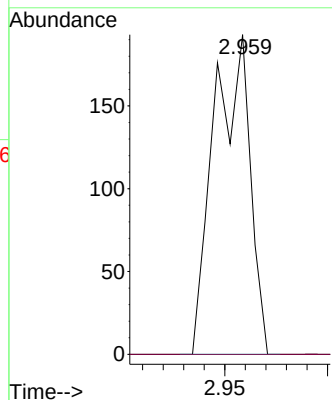
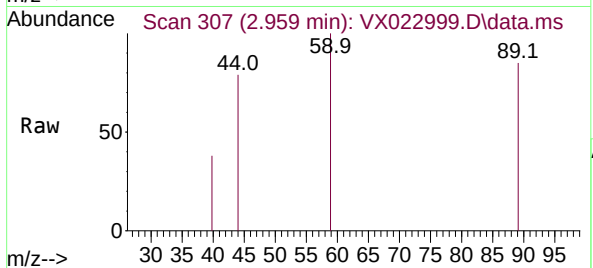


#11

Tert butyl alcohol
Concen: 1.184 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

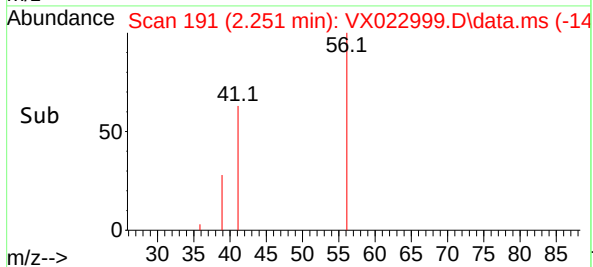
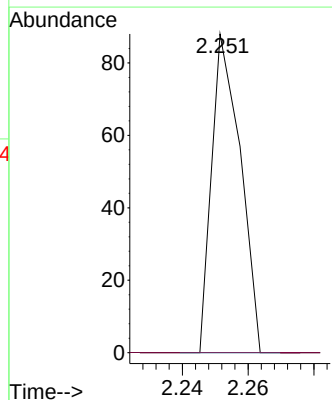
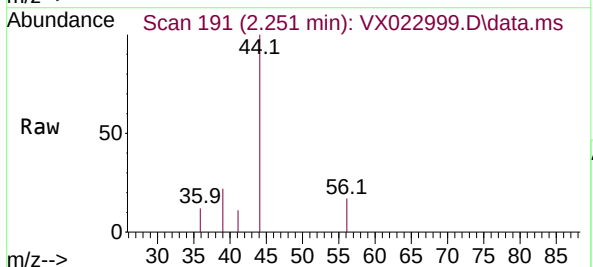
Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

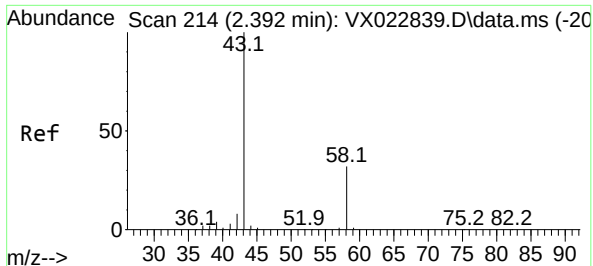


#13

Acrolein
Concen: 0.429 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

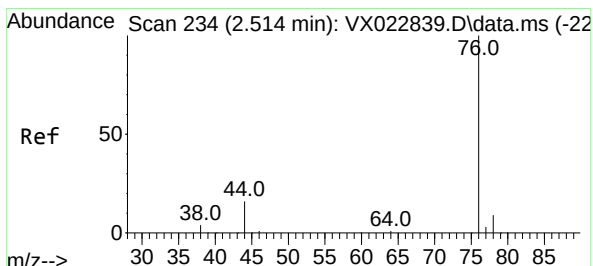
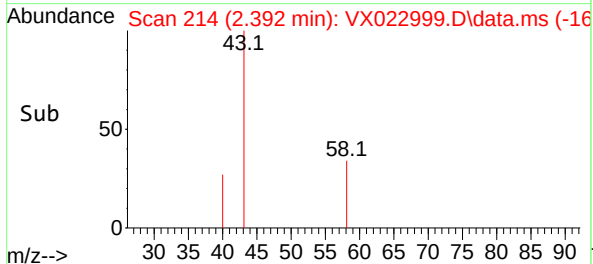
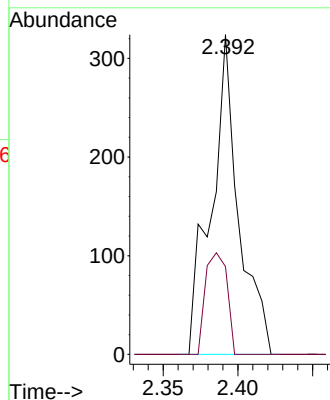
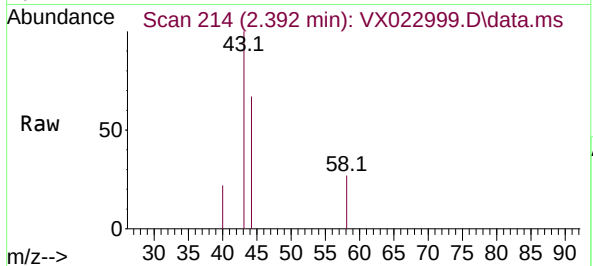




#16
Acetone
Concen: 0.978 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

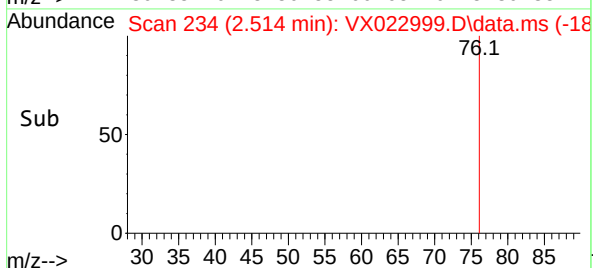
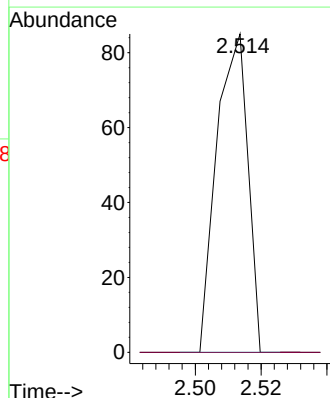
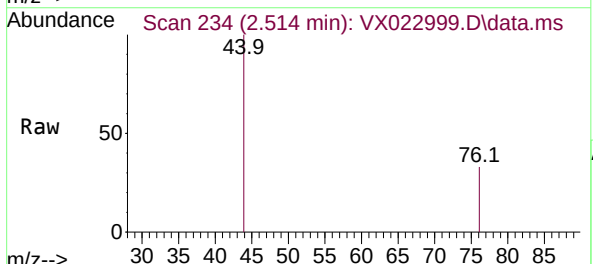
Instrument :
MSVOA_X
ClientSampleId :
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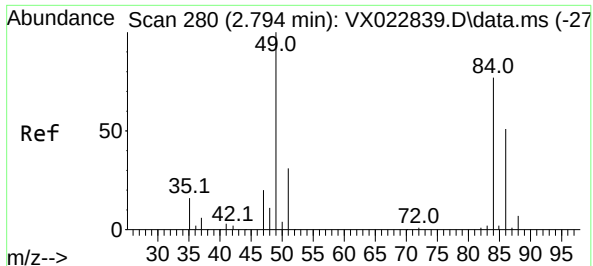
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.544 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.848 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022999.D

Acq: 29 Jun 2021 13:34

Tgt Ion: 84 Resp: 401

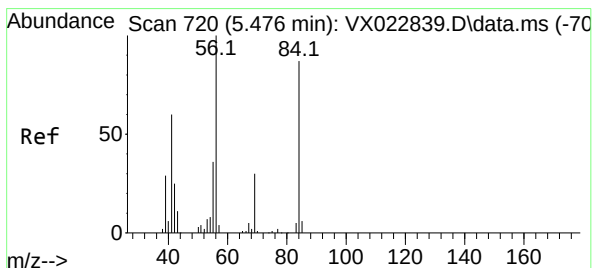
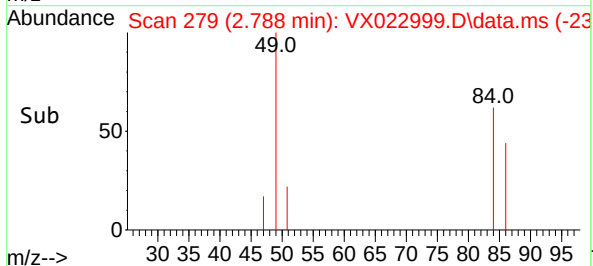
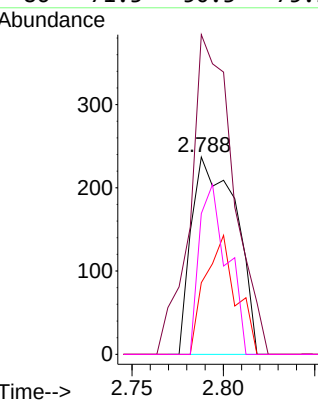
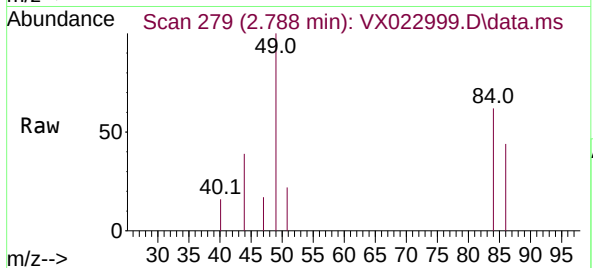
Ion Ratio Lower Upper

84 100

49 162.0 88.6 132.8#

51 36.3 27.0 40.6

86 71.3 50.3 75.5



#31

Cyclohexane

Concen: 1.321 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.092 min

Lab File: VX022999.D

Acq: 29 Jun 2021 13:34

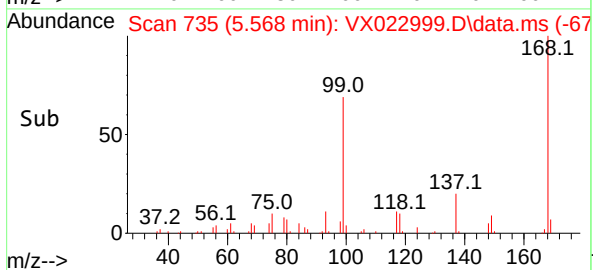
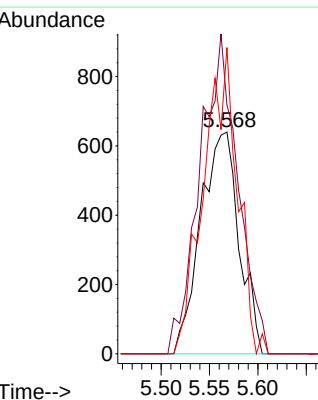
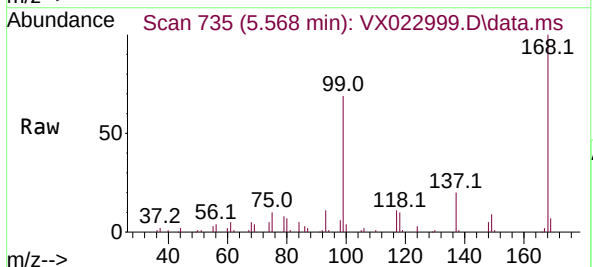
Tgt Ion: 56 Resp: 1776

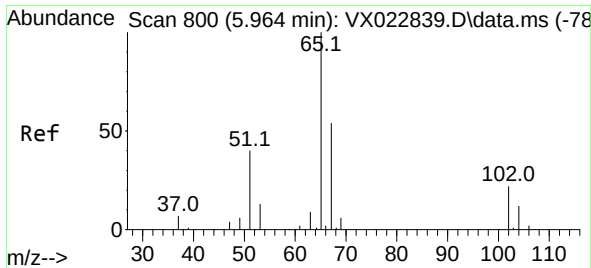
Ion Ratio Lower Upper

56 100

69 112.3 25.3 37.9#

84 138.1 71.4 107.0#

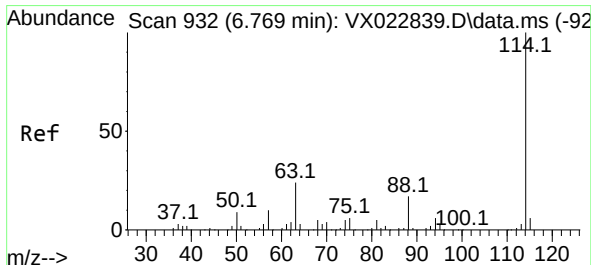
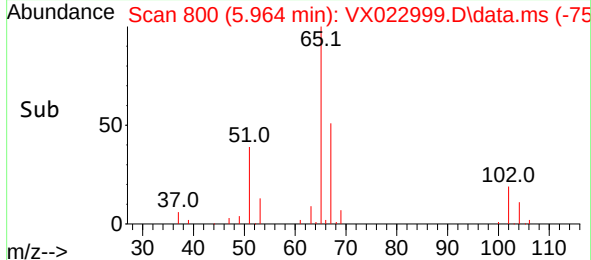
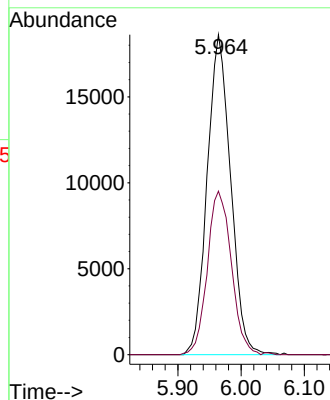
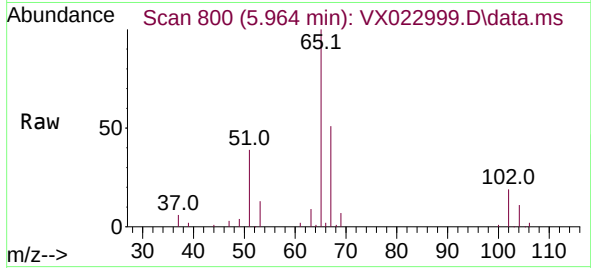




#33
1,2-Dichloroethane-d4
Concen: 50.304 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

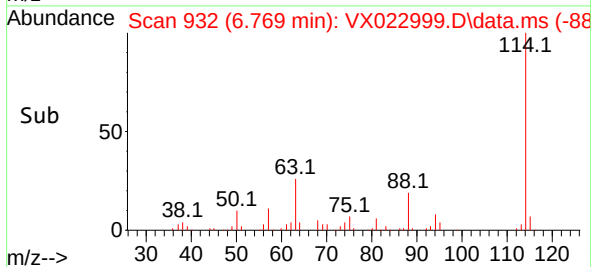
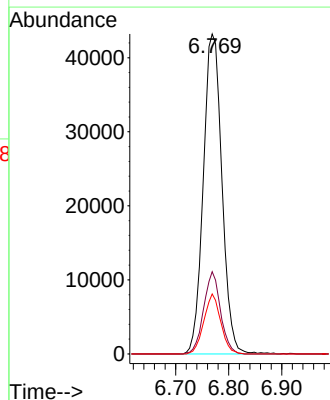
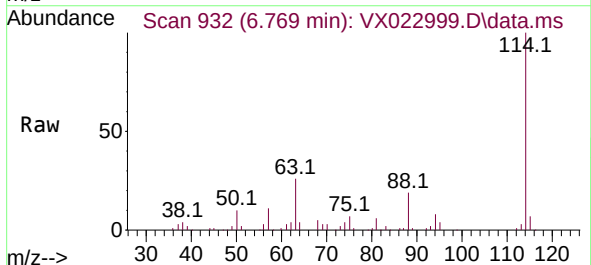
Instrument :
MSVOA_X
ClientSampleId :
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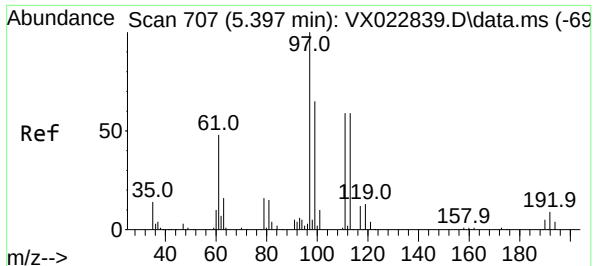
Tgt Ion: 65 Resp: 47907
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Tgt Ion: 114 Resp: 105490
Ion Ratio Lower Upper
114 100
63 25.7 0.0 40.8
88 18.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.531 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022999.D

Acq: 29 Jun 2021 13:34

Tgt Ion:113 Resp: 33180

Ion Ratio Lower Upper

113 100

111 104.7 81.9 122.9

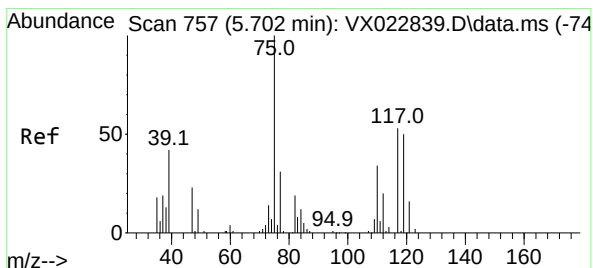
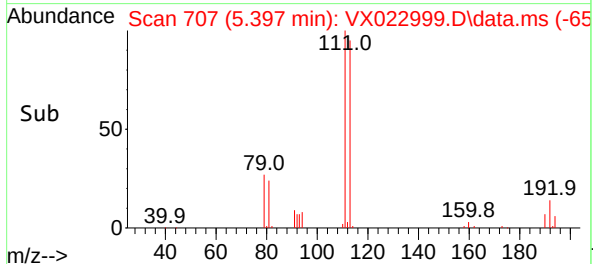
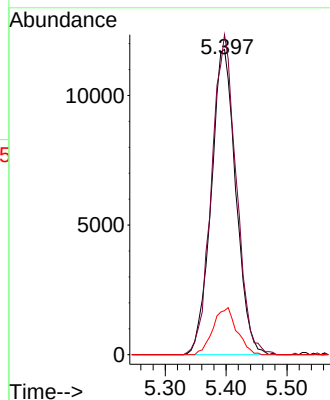
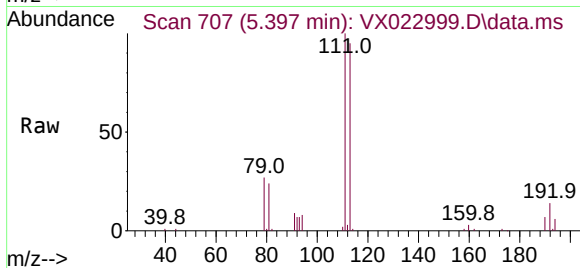
192 14.8 16.7 25.1#

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



#36

1,1-Dichloropropene

Concen: 4.777 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022999.D

Acq: 29 Jun 2021 13:34

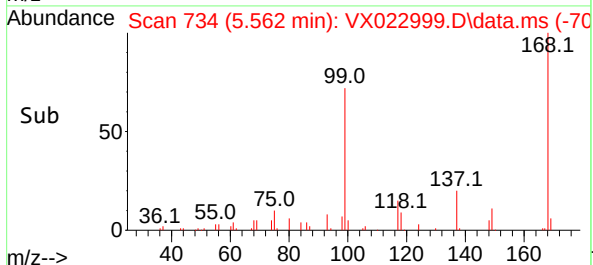
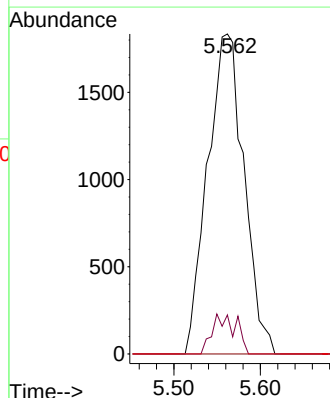
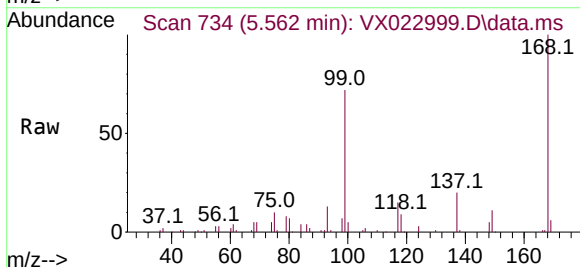
Tgt Ion: 75 Resp: 5352

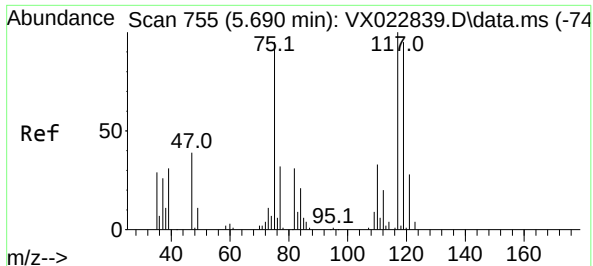
Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.4#

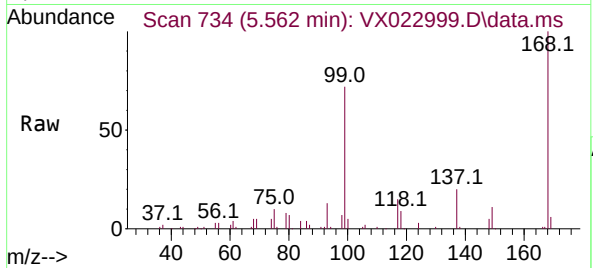
77 0.0 25.3 37.9#



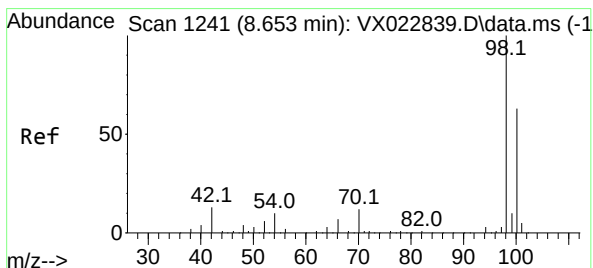
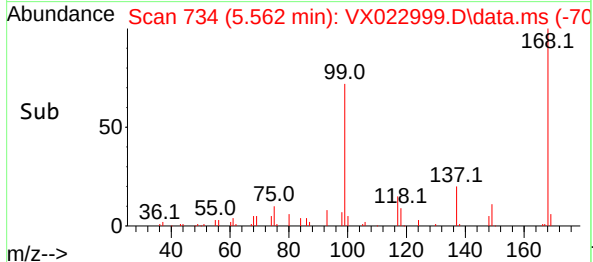
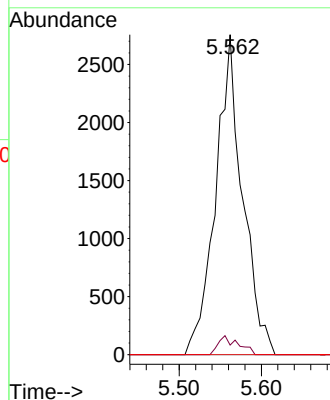


#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

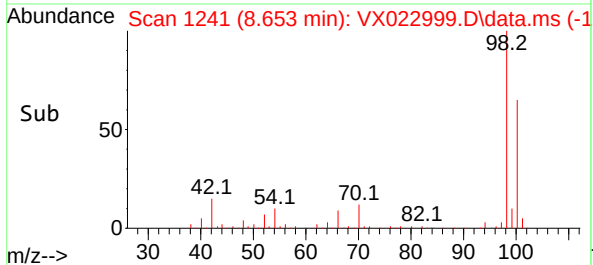
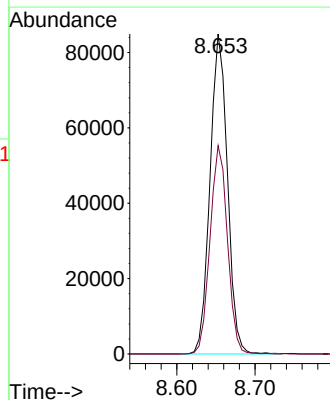
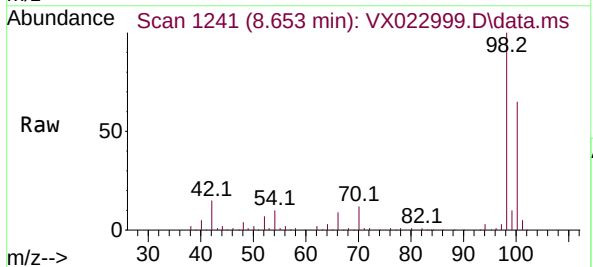


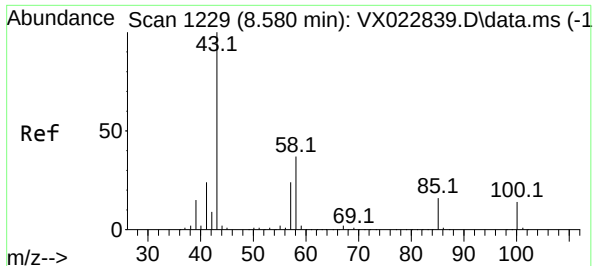
Tgt Ion:117 Resp: 6280
Ion Ratio Lower Upper
117 100
119 3.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.921 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Tgt Ion: 98 Resp: 131064
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

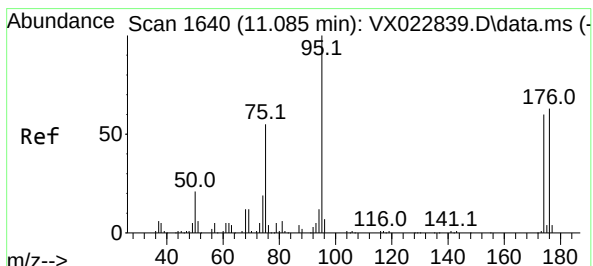
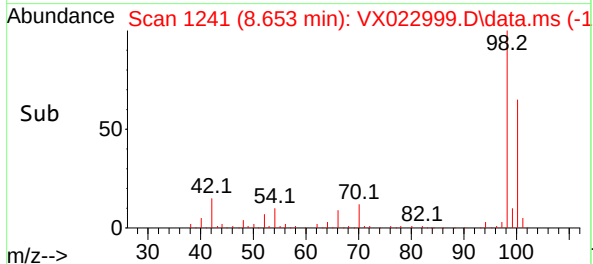
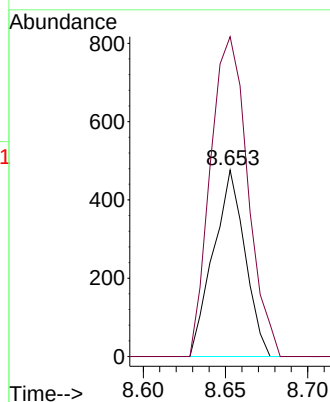
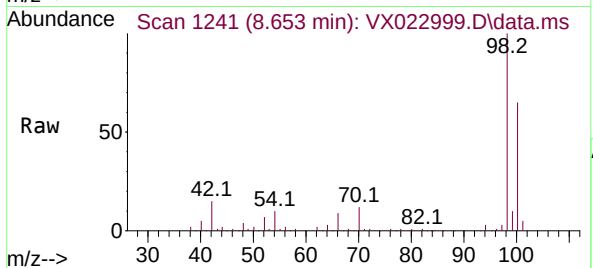




#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

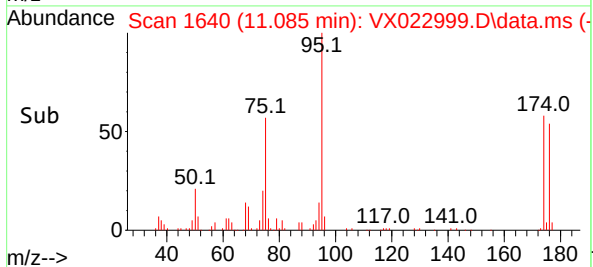
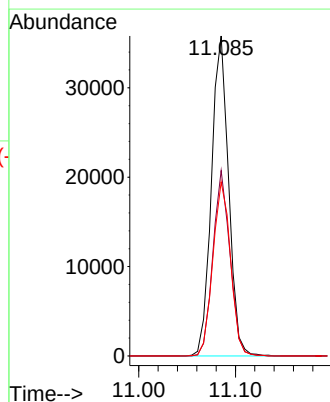
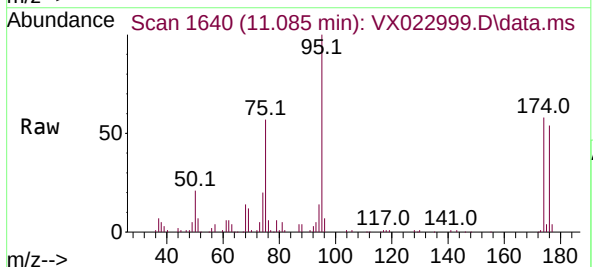
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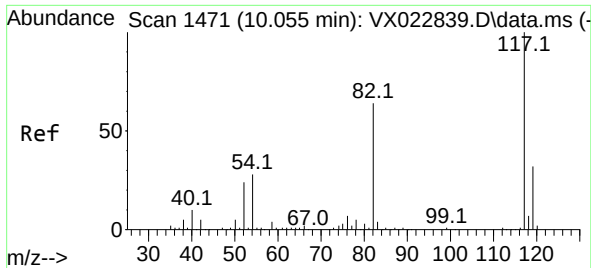
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 202.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.033 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Tgt Ion: 95 Resp: 44125
Ion Ratio Lower Upper
95 100
174 57.6 0.0 154.6
176 56.1 0.0 155.8

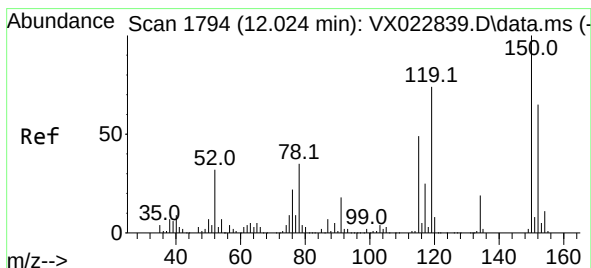
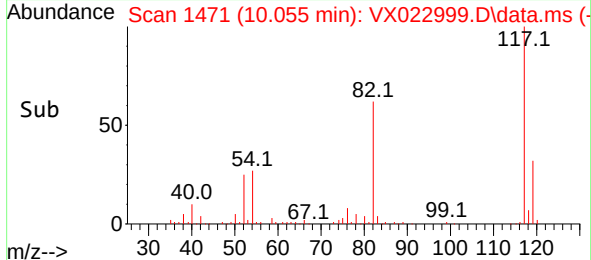
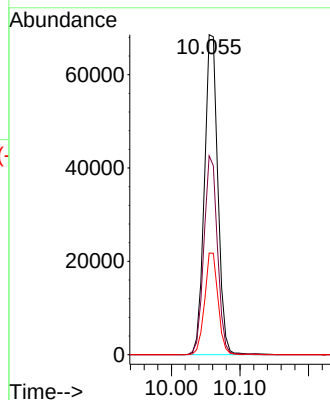
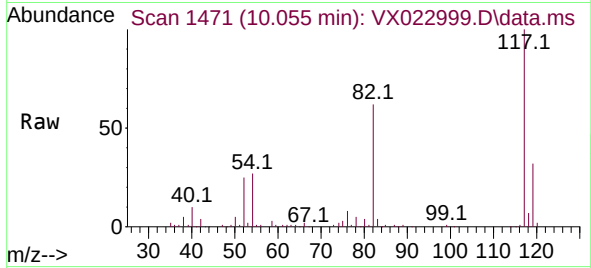




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

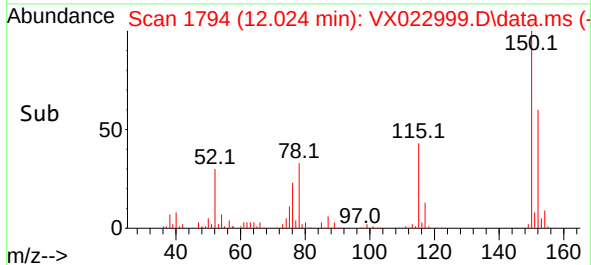
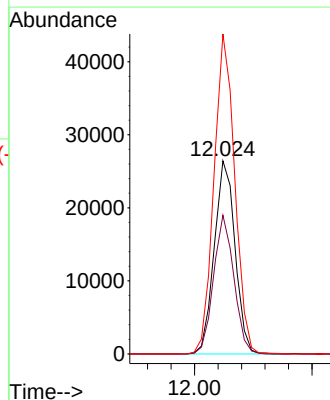
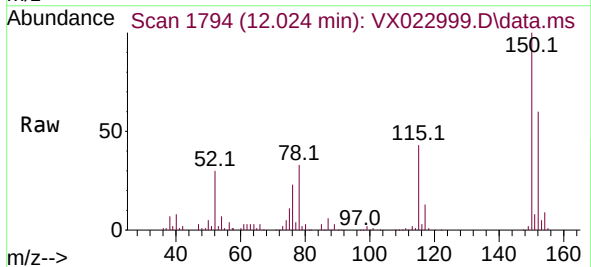
Instrument :
MSVOA_X
ClientSampleId :
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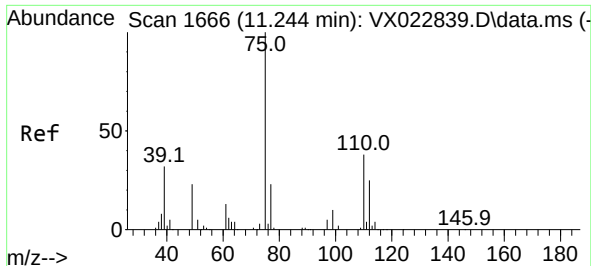
Tgt Ion:117 Resp: 93777
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Tgt Ion:152 Resp: 32499
Ion Ratio Lower Upper
152 100
115 70.0 41.1 123.3
150 165.2 0.0 349.0

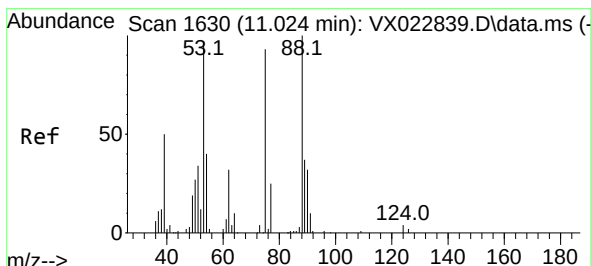
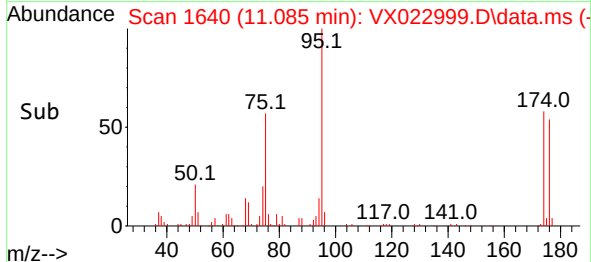
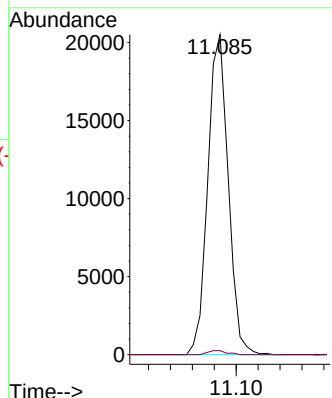
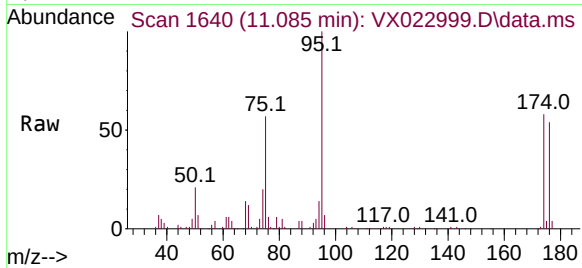




#76
1,2,3-Trichloropropane
Concen: 30.887 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

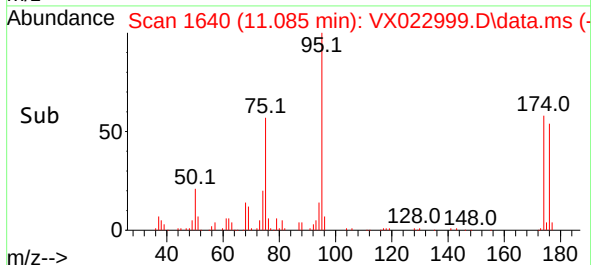
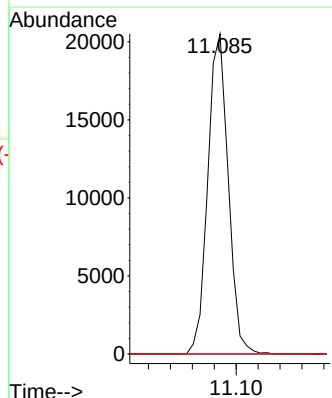
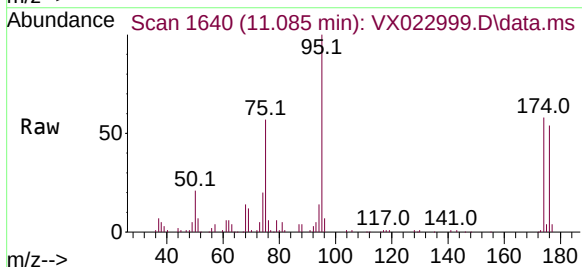
Instrument :
MSVOA_X
ClientSampled :
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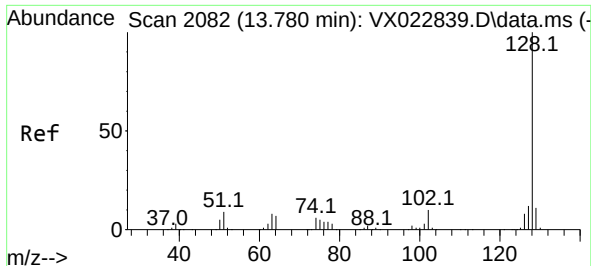
Tgt Ion: 75 Resp: 26514
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.074 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

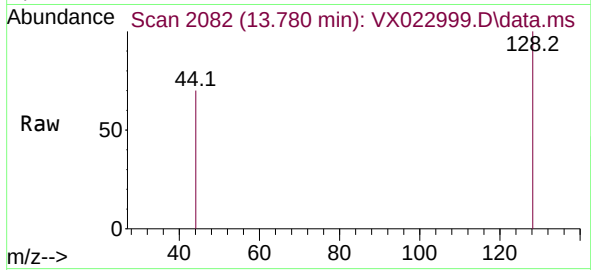
Tgt Ion: 75 Resp: 26514
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.963 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022999.D
Acq: 29 Jun 2021 13:34

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:128 Resp: 111
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

