

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022933.D
 Acq On : 25 Jun 2021 19:11
 Operator : JC/MD
 Sample : M2838-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20210622

Quant Time: Jun 26 03:55:35 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	51297	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	48492	52.09	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.18%	
35) Dibromofluoromethane	5.397	113	34240	49.11	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.22%	
50) Toluene-d8	8.653	98	135347	49.53	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.06%	
62) 4-Bromofluorobenzene	11.085	95	51364	50.37	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.74%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	180	0.27	ug/l	# 61
13) Acrolein	2.227	56	33	0.27	ug/l	# 14
16) Acetone	2.386	43	708	1.72	ug/l	95
17) Carbon Disulfide	2.514	76	44	3.54	ug/l	# 75
18) Methyl Acetate	2.544	43	279	0.27	ug/l	# 47
20) Methylene Chloride	2.794	84	74	0.46	ug/l	# 36
31) Cyclohexane	5.550	56	1681	1.28	ug/l	# 53
36) 1,1-Dichloropropene	5.562	75	5517	4.73	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	6224	6.36	ug/l	# 17
39) Methylcyclohexane	7.129	83	384	0.28	ug/l	# 1
44) Trichloroethene	7.135	130	29418	36.89	ug/l	91
49) 1,4-Dioxane	7.665	88	170	7.86	ug/l	# 85
51) 4-Methyl-2-Pentanone	8.647	43	759	0.56	ug/l	# 1
60) Dibromochloromethane	9.281	129	859	4.65	ug/l	# 11
64) Tetrachloroethene	9.287	164	677	0.95	ug/l	# 82
76) 1,2,3-Trichloropropane	11.085	75	27885	23.78	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27885	62.38	ug/l	# 12

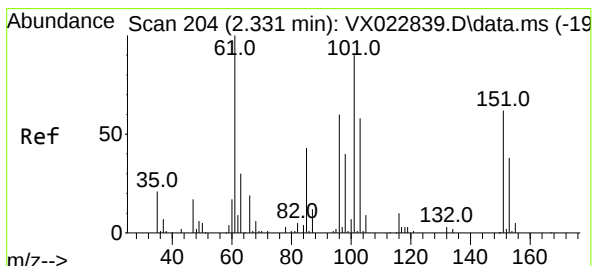
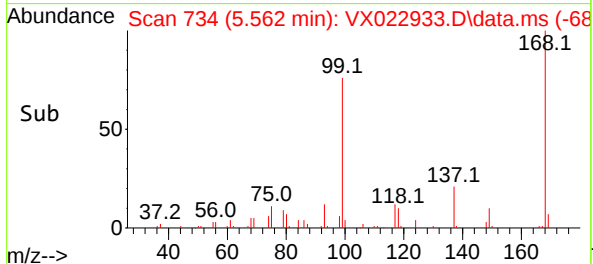
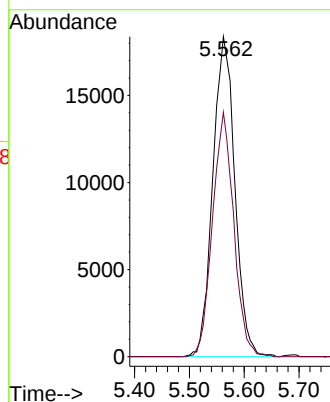
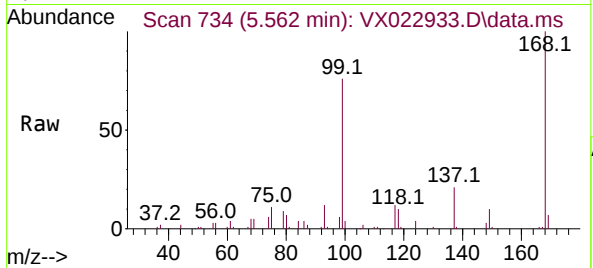
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

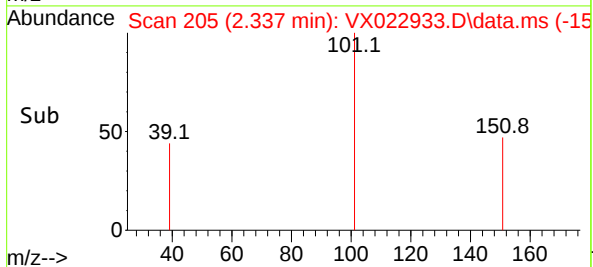
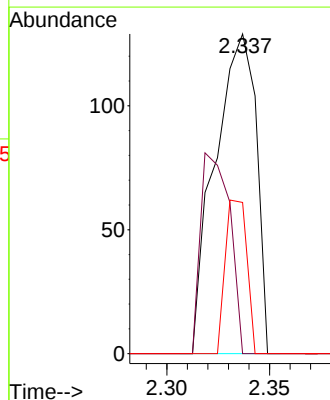
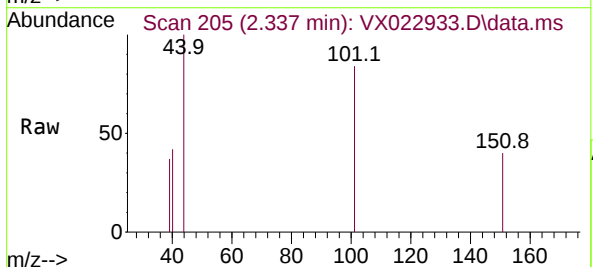
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

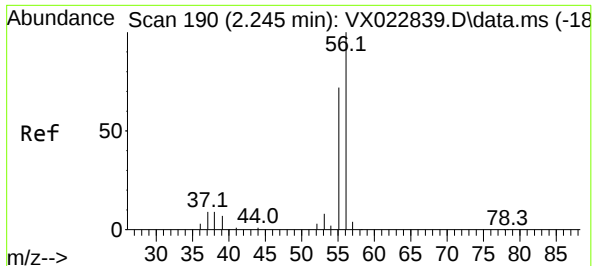
Tgt Ion:168 Resp: 51297
Ion Ratio Lower Upper
168 100
99 76.4 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.27 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion:101 Resp: 180
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 25.0 61.4 92.2#

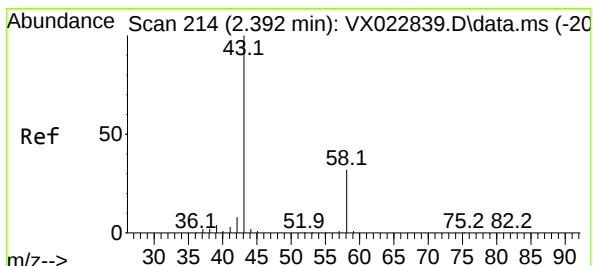
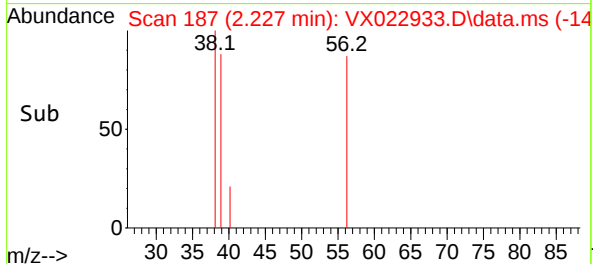
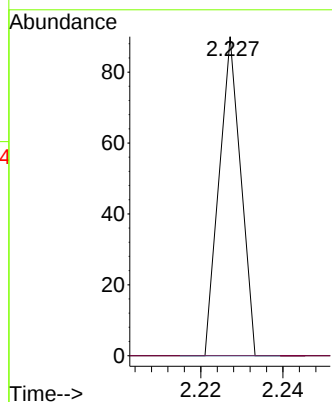
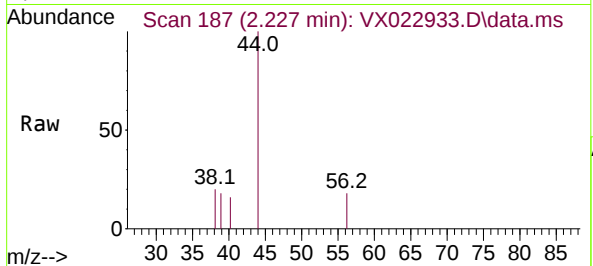




#13
Acrolein
Concen: 0.27 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

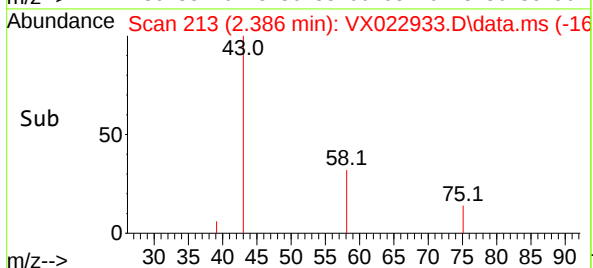
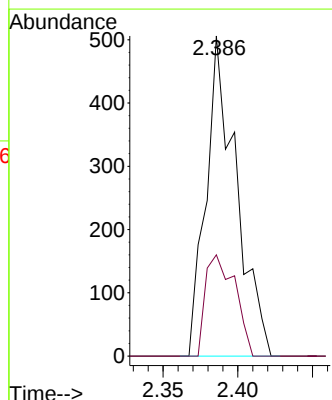
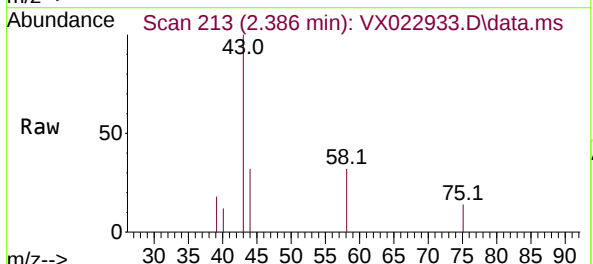
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

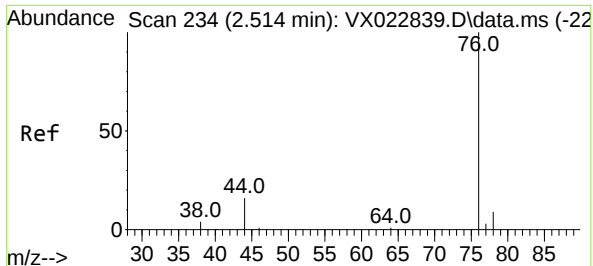
Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.72 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8

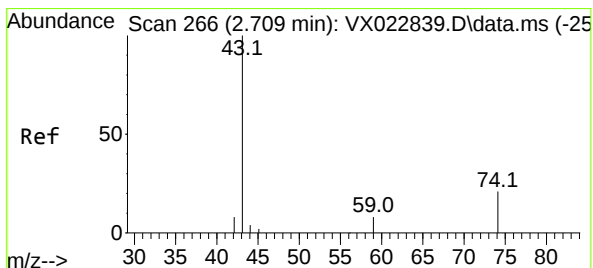
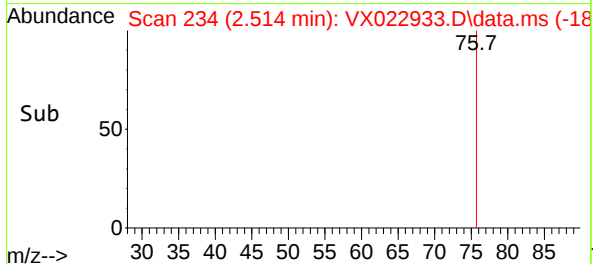
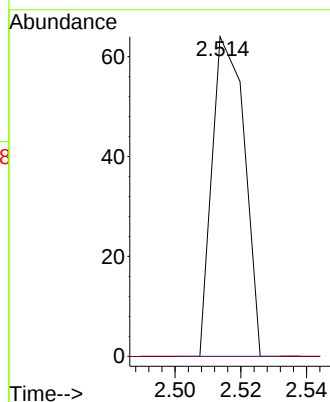
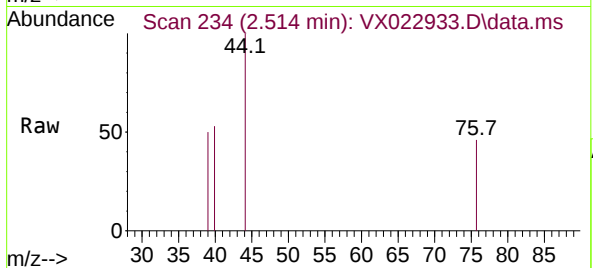




#17
Carbon Disulfide
Concen: 3.54 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

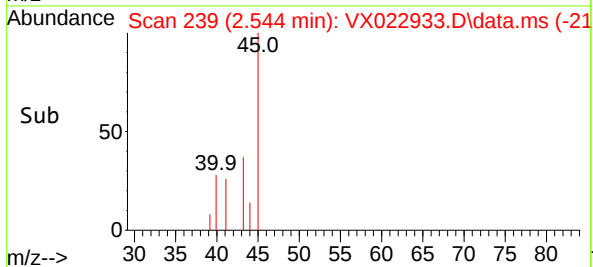
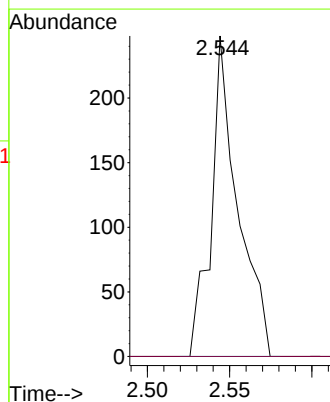
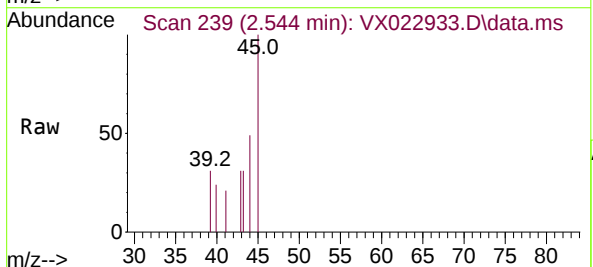
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

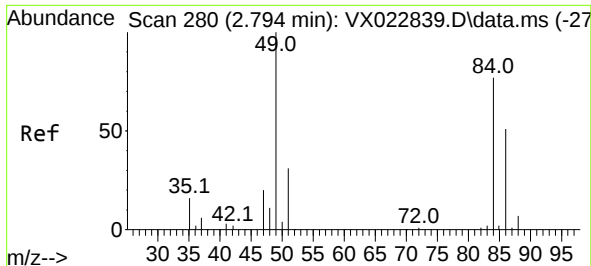
Tgt Ion: 76 Resp: 44
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

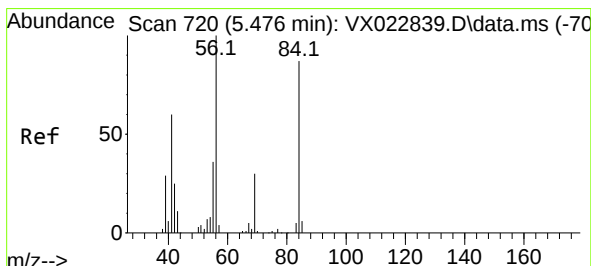
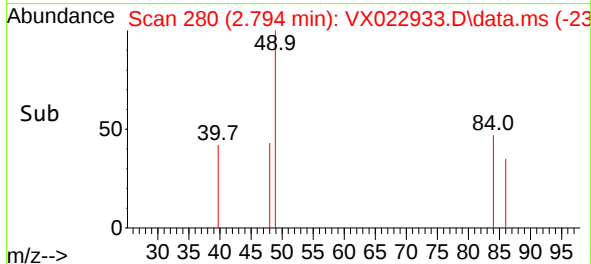
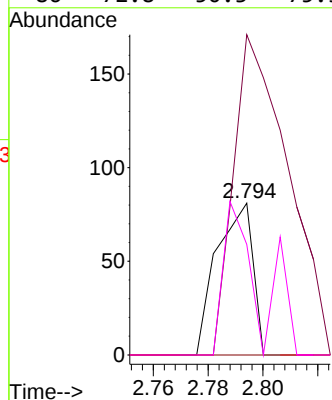
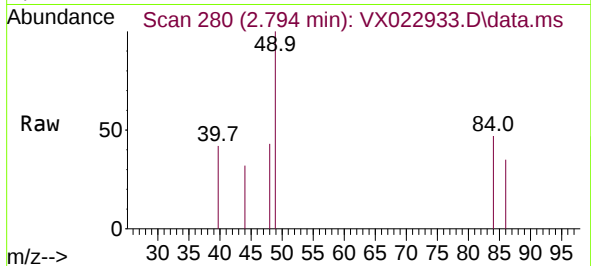




#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

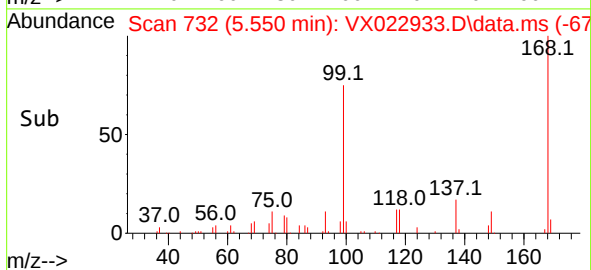
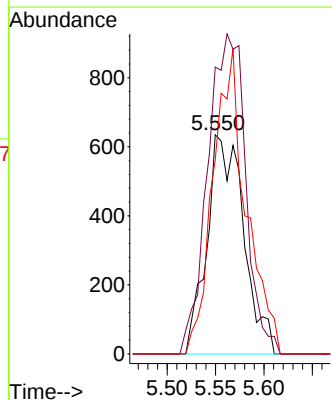
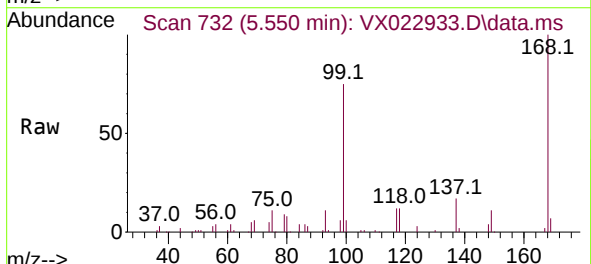
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

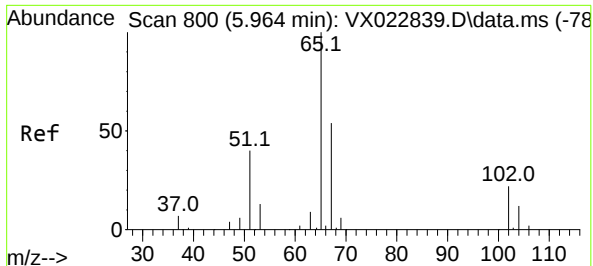
Tgt Ion:	84	Resp:	74
Ion	Ratio	Lower	Upper
84	100		
49	211.1	88.6	132.8#
51	0.0	27.0	40.6#
86	72.8	50.3	75.5



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion:	56	Resp:	1681
Ion	Ratio	Lower	Upper
56	100		
69	130.9	25.3	37.9#
84	88.5	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 52.09 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022933.D

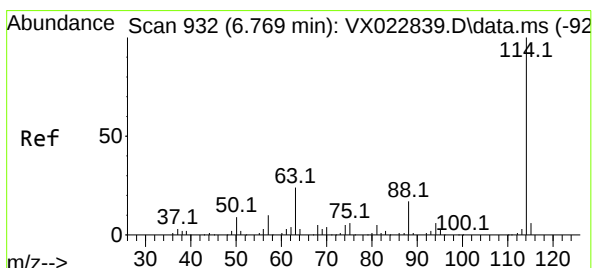
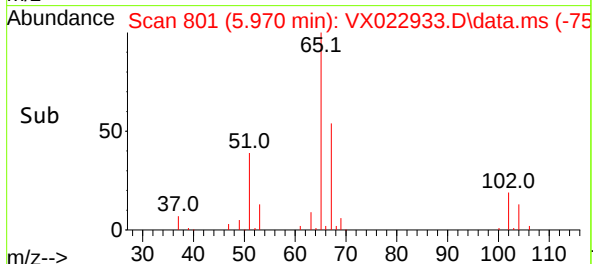
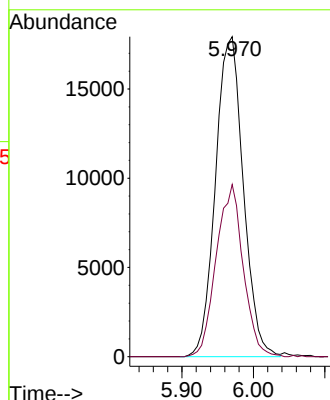
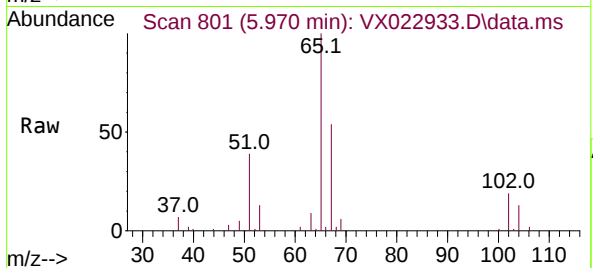
Acq: 25 Jun 2021 19:11

Tgt Ion: 65 Resp: 48492

Ion Ratio Lower Upper

65 100

67 52.0 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: VX022933.D

Acq: 25 Jun 2021 19:11

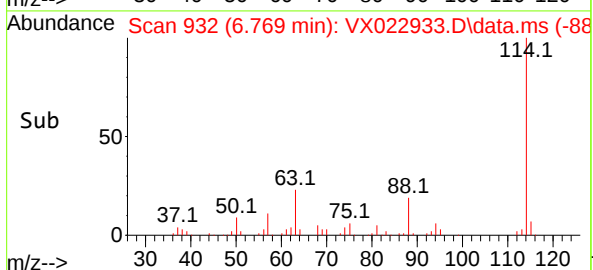
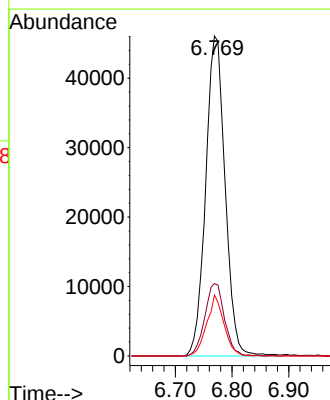
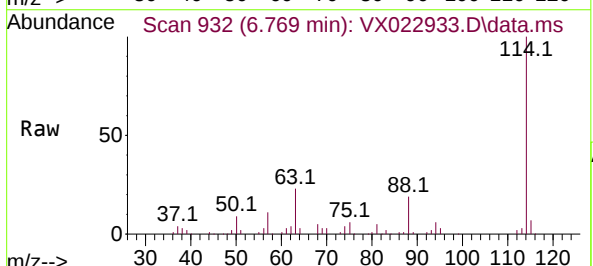
Tgt Ion: 114 Resp: 109795

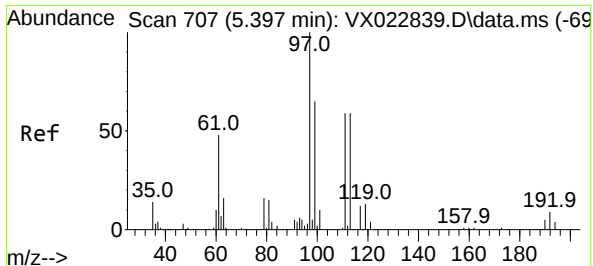
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.8

88 19.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.11 ug/l

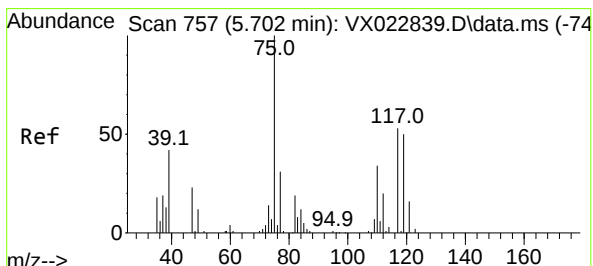
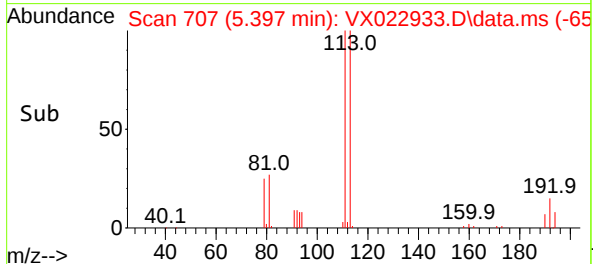
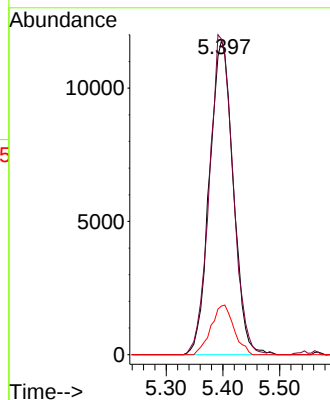
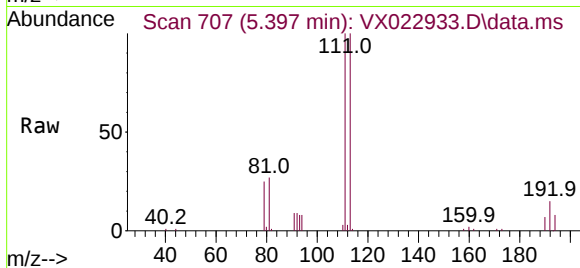
RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022933.D

Acq: 25 Jun 2021 19:11

Tgt Ion:	113	Resp:	34240
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	15.2	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.73 ug/l

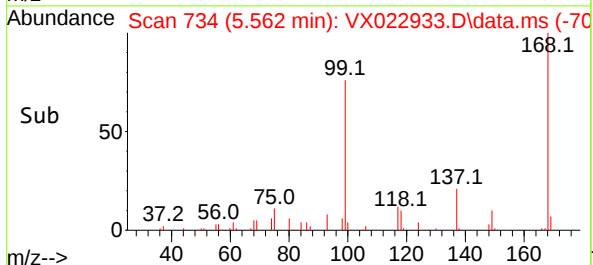
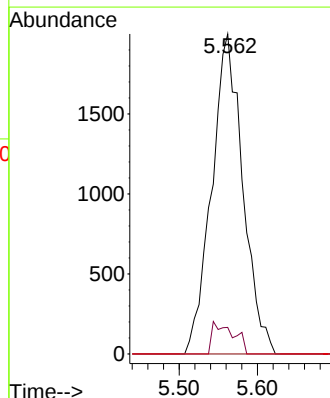
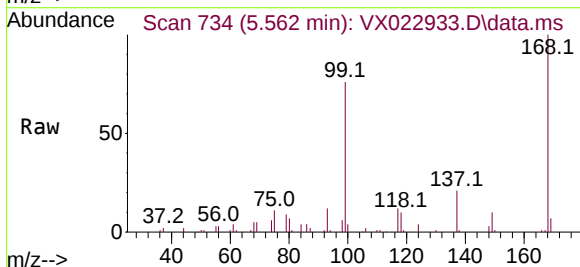
RT: 5.562 min Scan# 734

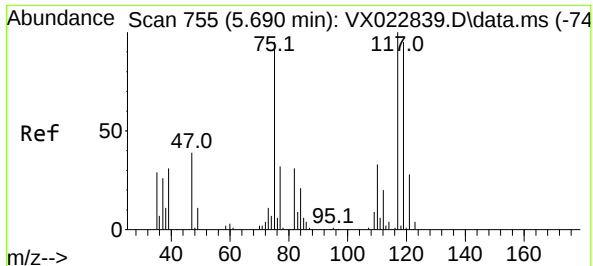
Delta R.T. -0.140 min

Lab File: VX022933.D

Acq: 25 Jun 2021 19:11

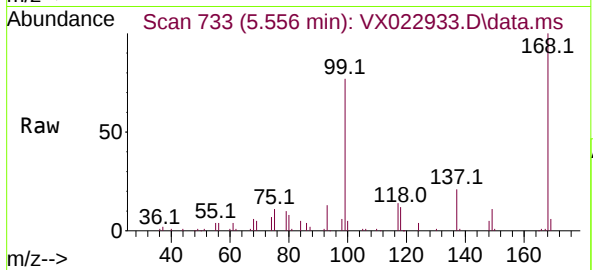
Tgt Ion:	75	Resp:	5517
Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.1	54.4#
77	0.0	25.3	37.9#



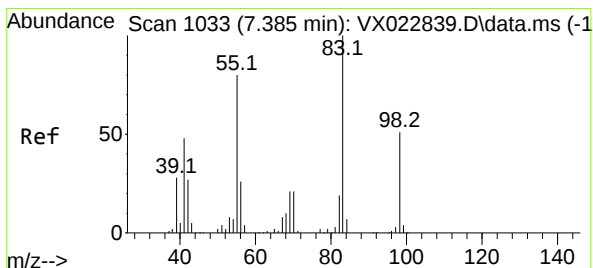
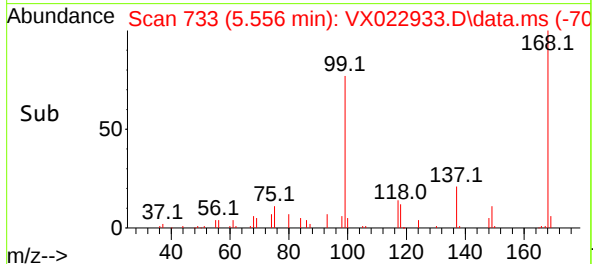
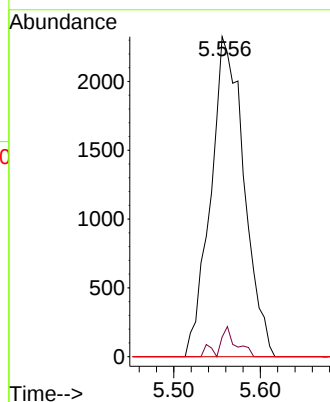


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

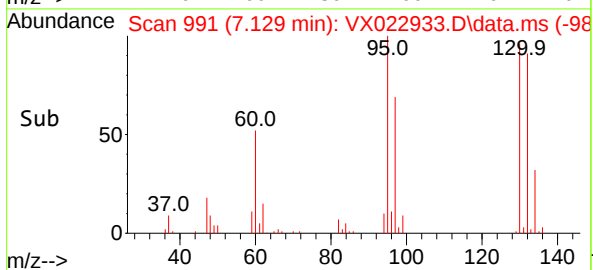
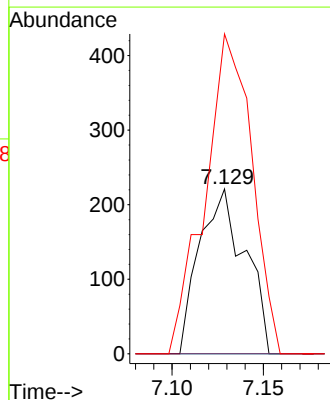
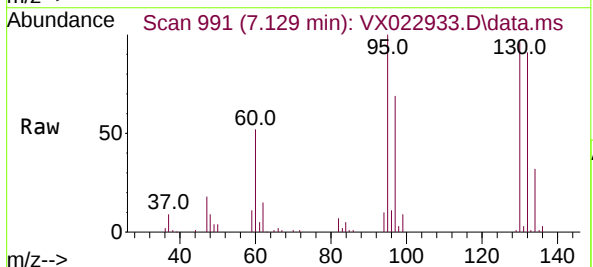


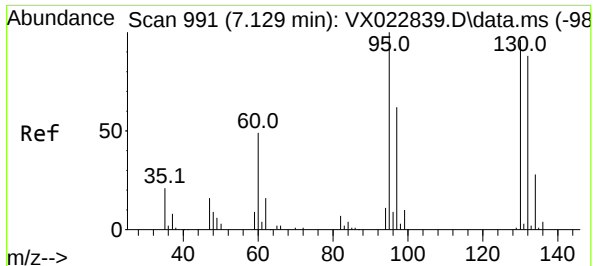
Tgt Ion:117 Resp: 6224
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 83 Resp: 384
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 194.1 38.1 57.1#

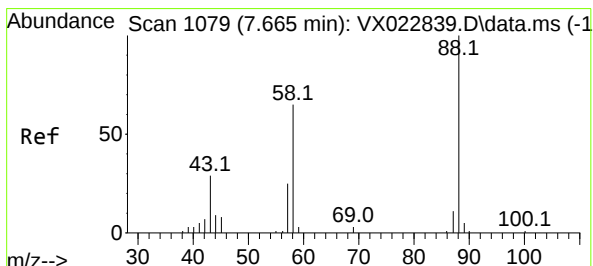
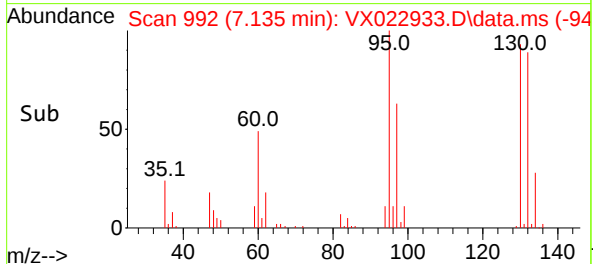
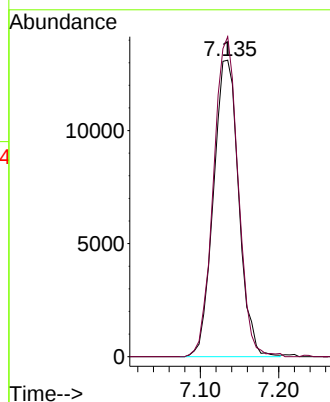
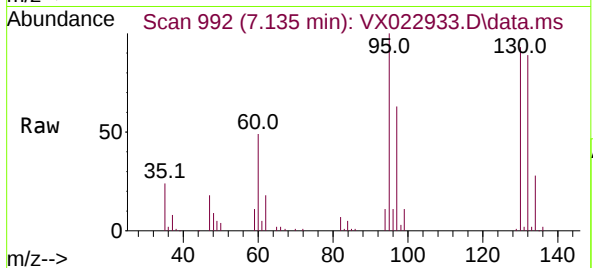




#44
Trichloroethene
Concen: 36.89 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

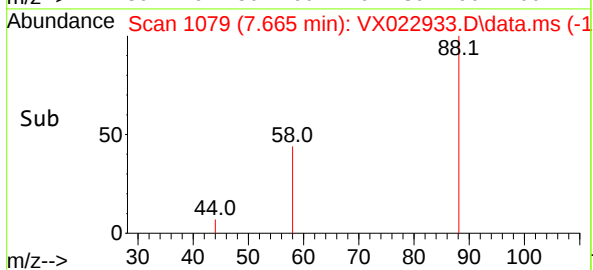
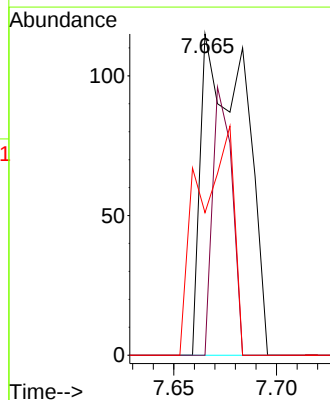
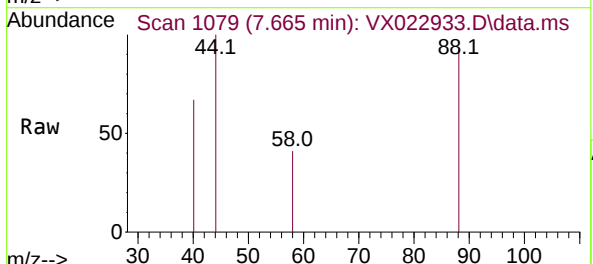
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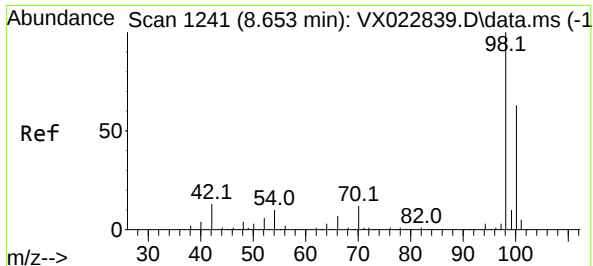
Tgt Ion:130 Resp: 29418
Ion Ratio Lower Upper
130 100
95 107.9 0.0 198.0



#49
1,4-Dioxane
Concen: 7.86 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
43 37.1 23.2 34.8#
58 57.1 55.0 82.4





#50

Toluene-d8

Concen: 49.53 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022933.D

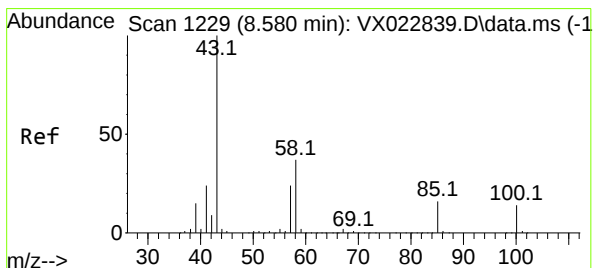
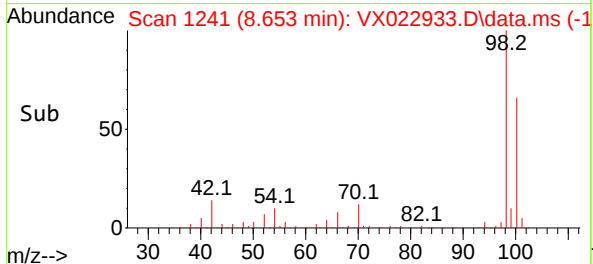
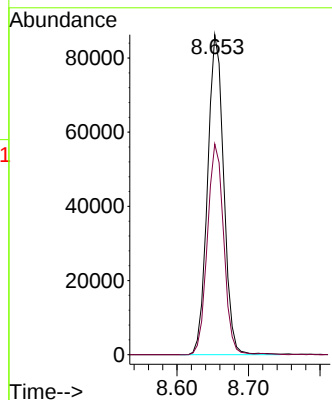
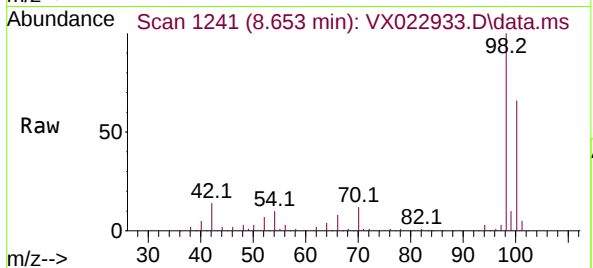
Acq: 25 Jun 2021 19:11

Tgt Ion: 98 Resp: 135347

Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.56 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX022933.D

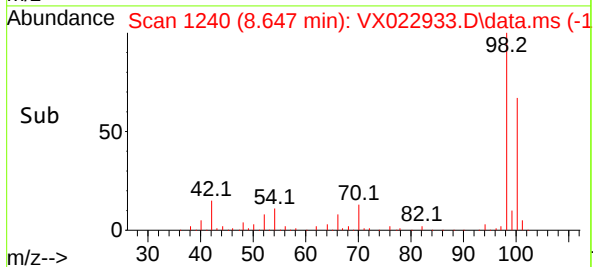
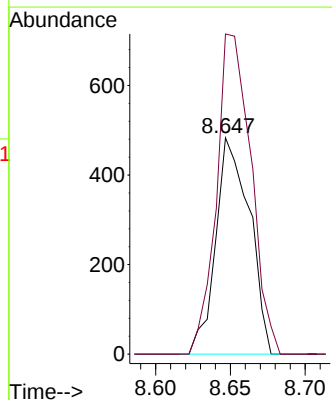
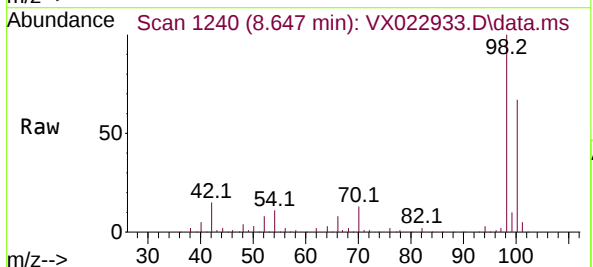
Acq: 25 Jun 2021 19:11

Tgt Ion: 43 Resp: 759

Ion Ratio Lower Upper

43 100

58 151.4 35.4 53.0#

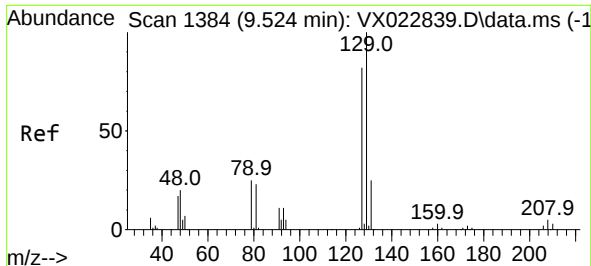


Instrument :

MSVOA_X

ClientSampleId :

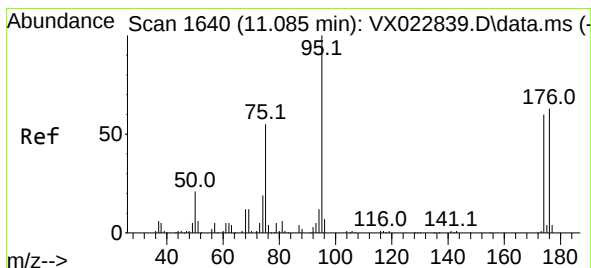
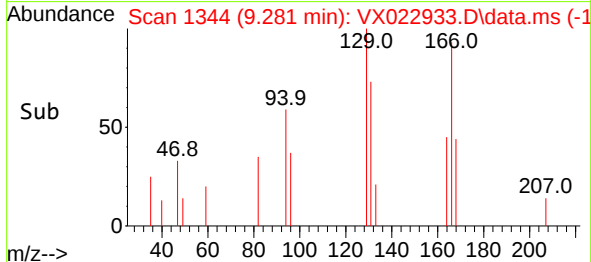
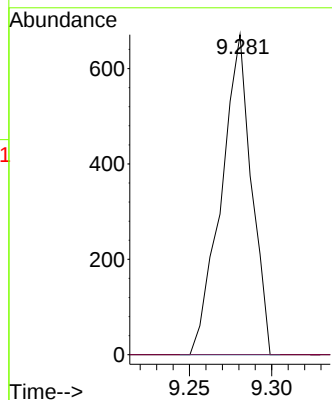
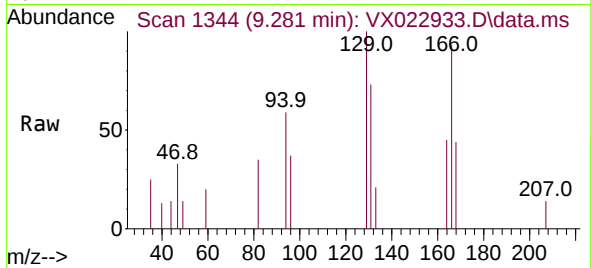
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#60
Dibromochloromethane
Concen: 4.65 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

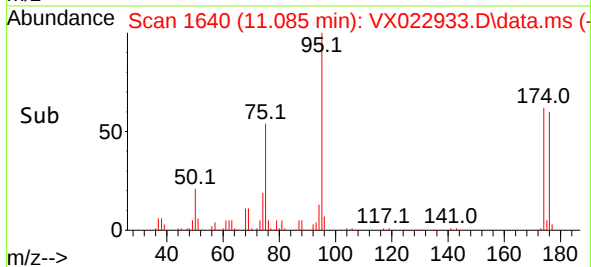
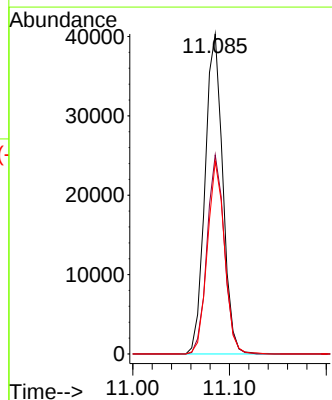
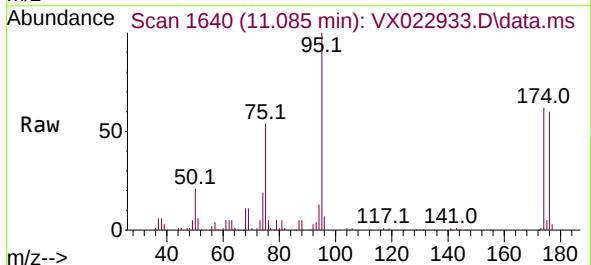
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

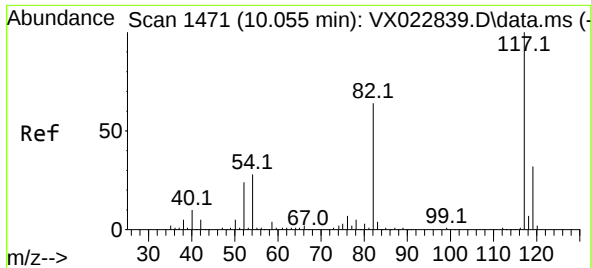
Tgt Ion:129 Resp: 859
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion: 95 Resp: 51364
Ion Ratio Lower Upper
95 100
174 60.7 0.0 154.6
176 58.4 0.0 155.8

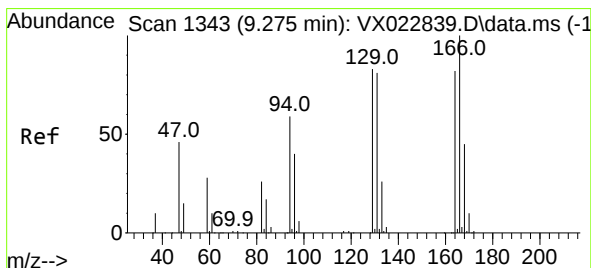
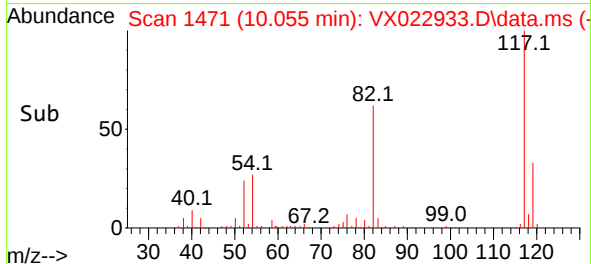
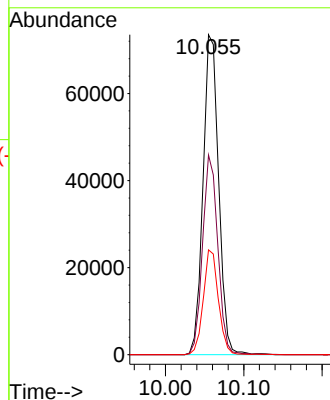
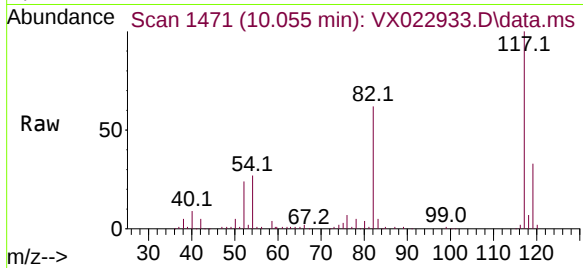




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

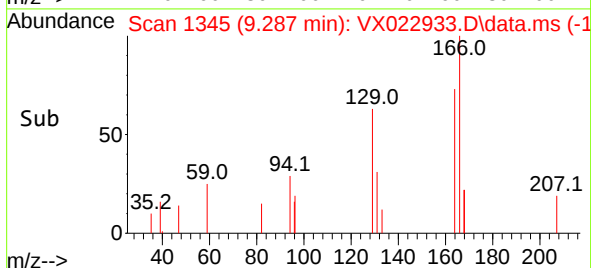
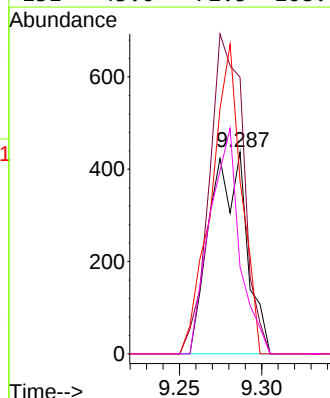
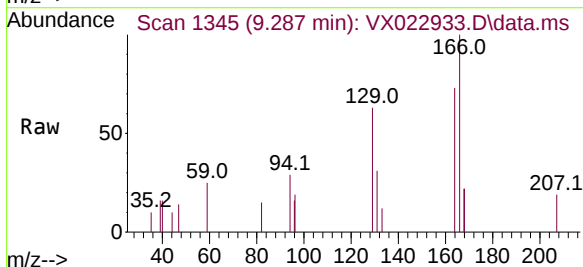
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20210622

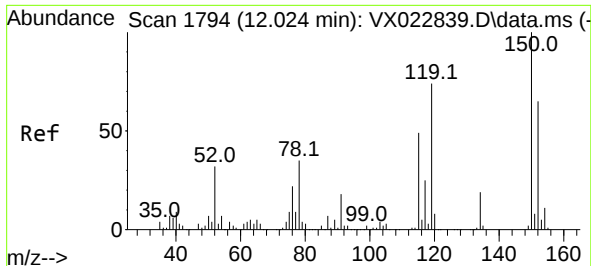
Tgt Ion:117 Resp: 101609
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.95 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. 0.012 min
Lab File: VX022933.D
Acq: 25 Jun 2021 19:11

Tgt Ion:164 Resp: 677
Ion Ratio Lower Upper
164 100
166 137.1 103.4 155.2
129 85.8 70.8 106.2
131 43.0 72.5 108.7#

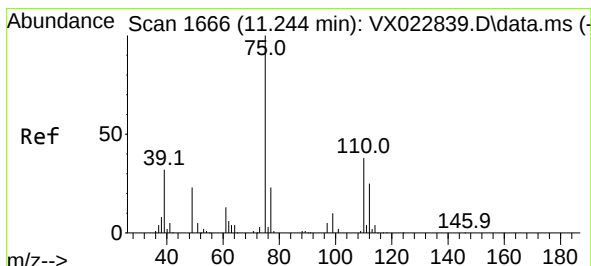
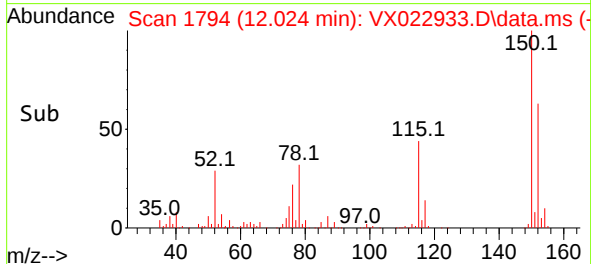
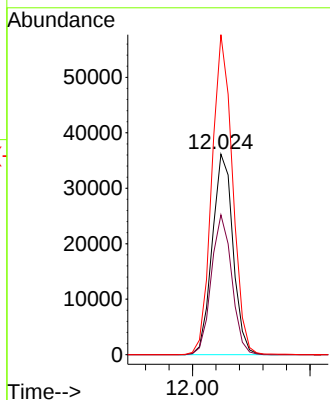
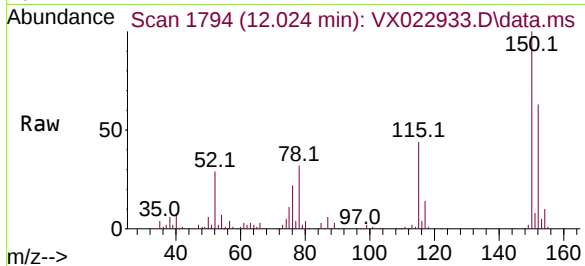




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022933.D
 Acq: 25 Jun 2021 19:11

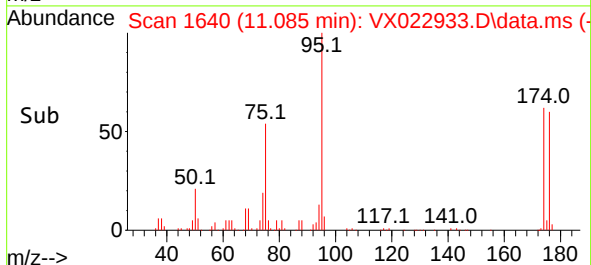
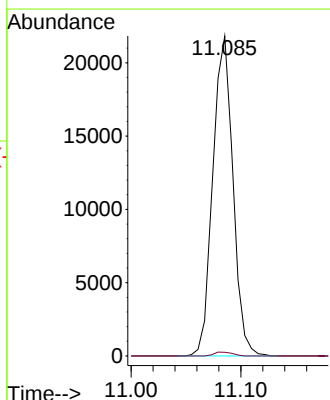
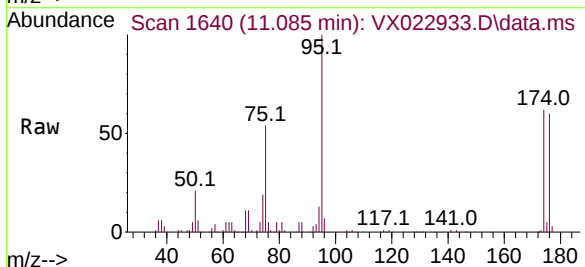
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20210622

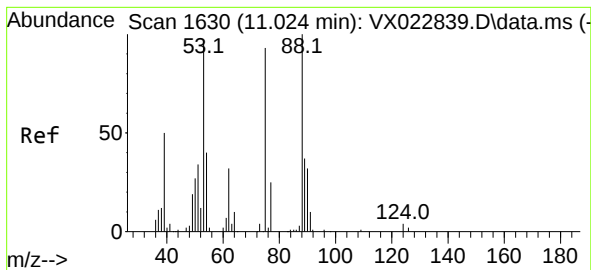
Tgt Ion:152 Resp: 44391
 Ion Ratio Lower Upper
 152 100
 115 68.4 41.1 123.3
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.78 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022933.D
 Acq: 25 Jun 2021 19:11

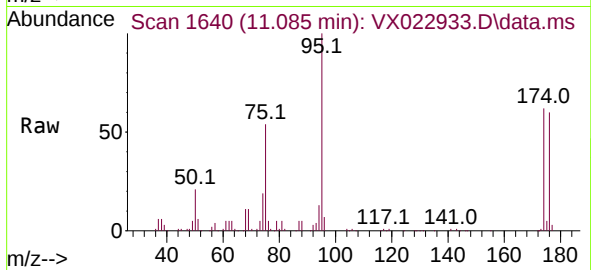
Tgt Ion: 75 Resp: 27885
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.38 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022933.D
 Acq: 25 Jun 2021 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20210622



Tgt Ion: 75 Resp: 27885
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

