

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023971.D
 Acq On : 26 Aug 2021 17:30
 Operator : JC/MD
 Sample : M3535-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 05:58:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

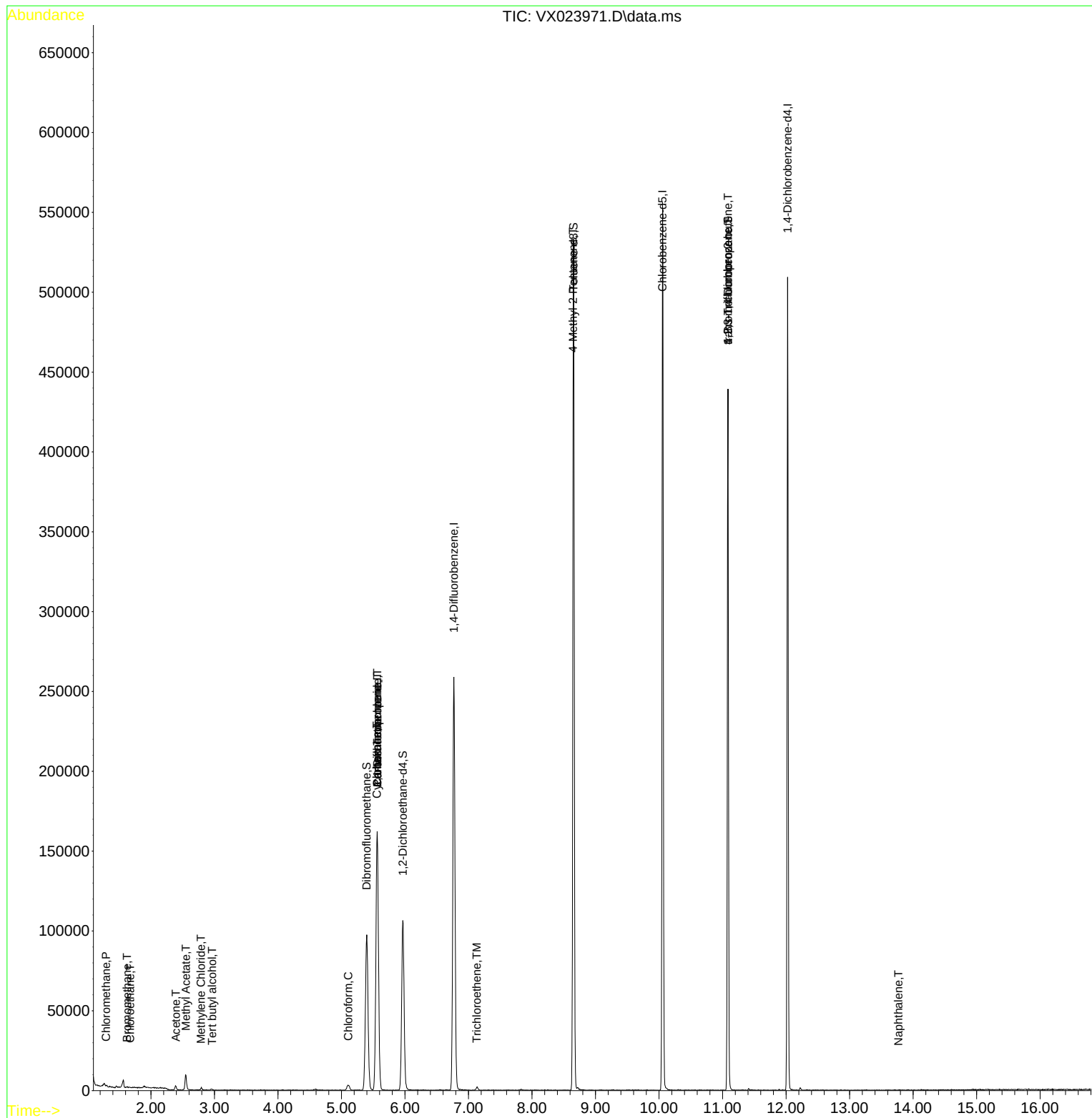
Internal Standards						
1) Pentafluorobenzene	5.562	168	148757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	252572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106129	51.118	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.240%		
35) Dibromofluoromethane	5.397	113	82860	49.566	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.140%		
50) Toluene-d8	8.653	98	304164	47.805	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.600%		
62) 4-Bromofluorobenzene	11.085	95	109050	46.558	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	399	0.232	ug/l #	73
5) Bromomethane	1.624	94	339	0.321	ug/l #	77
6) Chloroethane	1.672	64	38	2.244	ug/l #	43
11) Tert butyl alcohol	2.965	59	336	0.800	ug/l #	73
16) Acetone	2.392	43	2727	2.938	ug/l	93
18) Methyl Acetate	2.550	43	2840	1.225	ug/l #	47
20) Methylene Chloride	2.788	84	551	0.311	ug/l #	87
30) Chloroform	5.105	83	3783	1.225	ug/l #	78
31) Cyclohexane	5.556	56	3540	1.327	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	12405	5.304	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15515	6.361	ug/l #	15
44) Trichloroethene	7.129	130	820	0.429	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1661	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	60150	25.485	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60150	74.964	ug/l #	12
95) Naphthalene	13.768	128	54	1.290	ug/l #	69

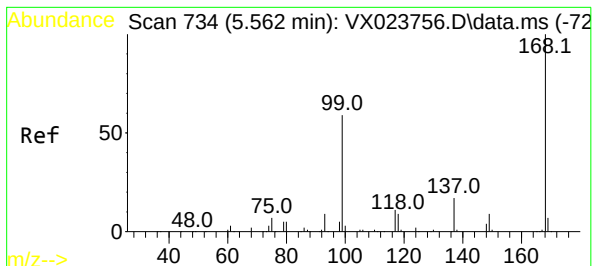
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX023971.D

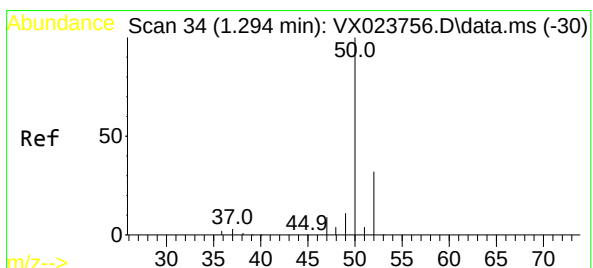
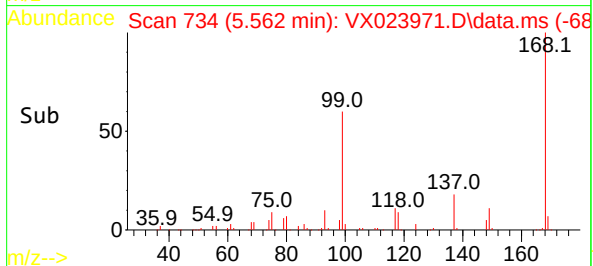
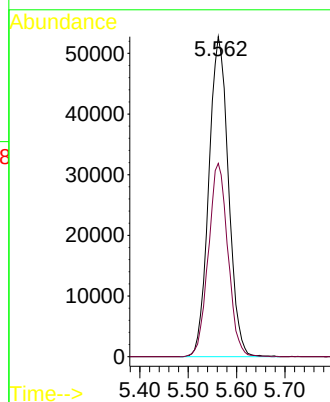
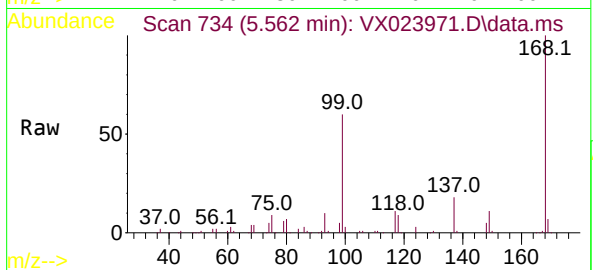
Acq: 26 Aug 2021 17:30

Tgt Ion:168 Resp: 148757

Ion Ratio Lower Upper

168 100

99 60.4 45.8 68.6



#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX023971.D

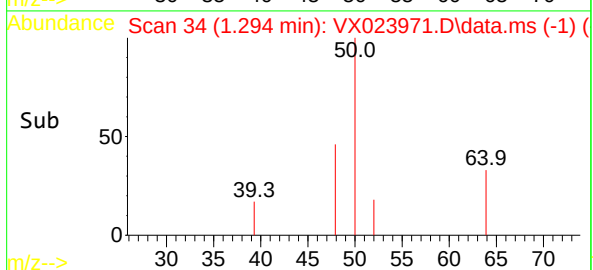
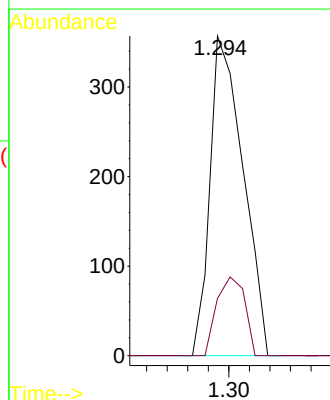
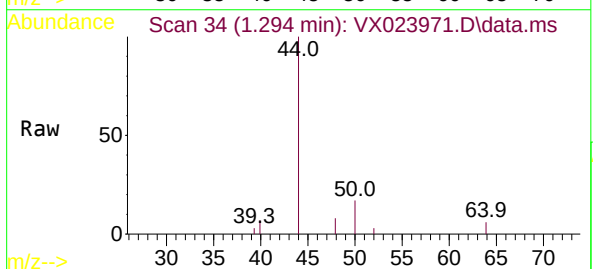
Acq: 26 Aug 2021 17:30

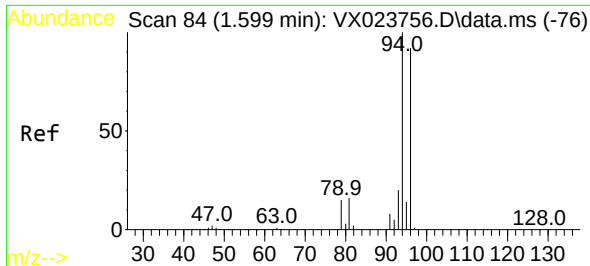
Tgt Ion: 50 Resp: 399

Ion Ratio Lower Upper

50 100

52 17.9 26.4 39.6#

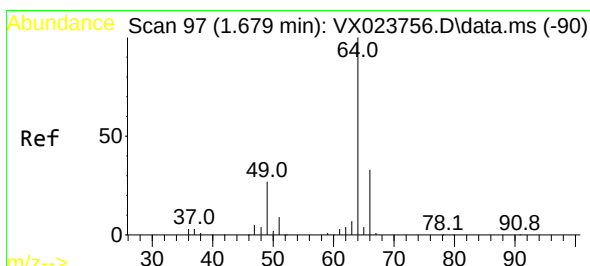
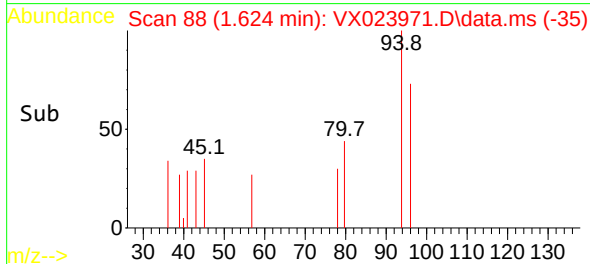
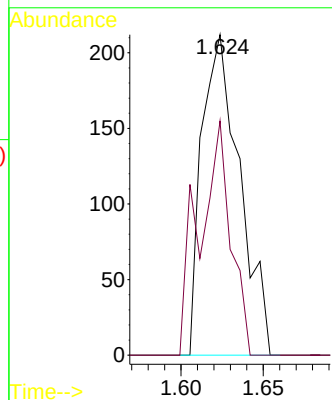
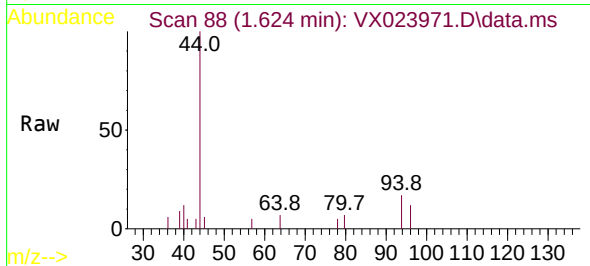




#5
Bromomethane
Concen: 0.321 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

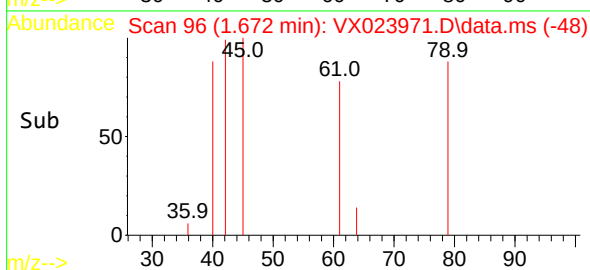
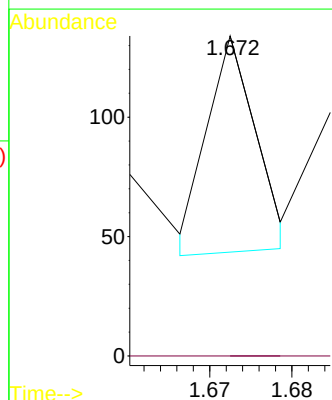
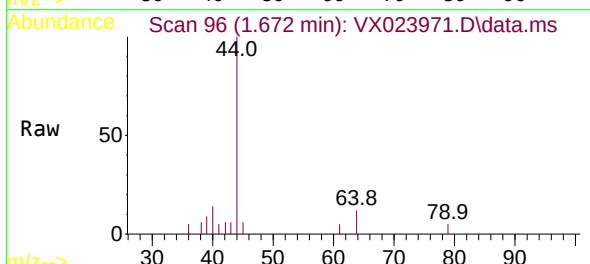
Instrument :
MSVOA_X
ClientSampleId :

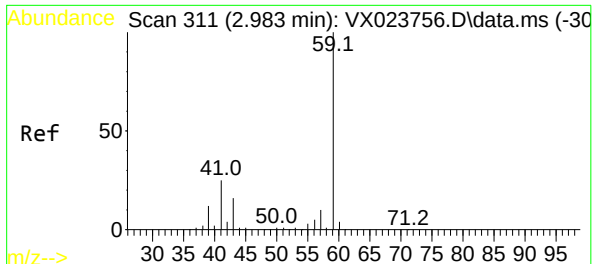
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 73.1 76.4 114.6#



#6
Chloroethane
Concen: 2.244 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



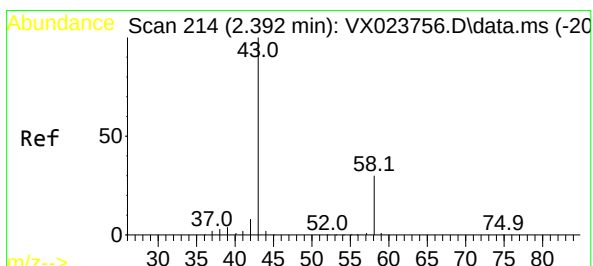
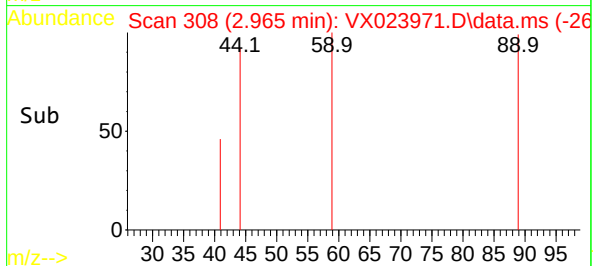
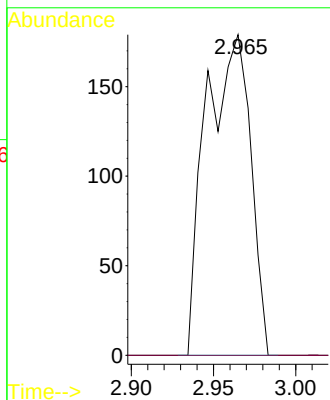
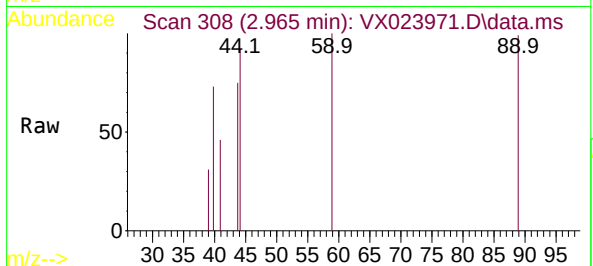


#11

Tert butyl alcohol
Concen: 0.800 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Instrument :
MSVOA_X
ClientSampled :

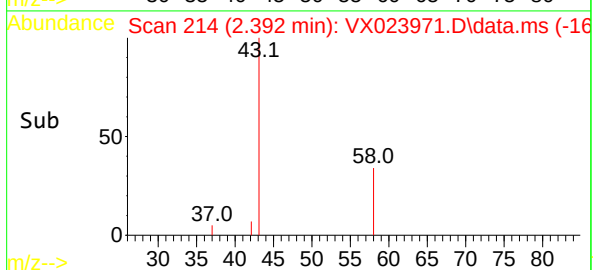
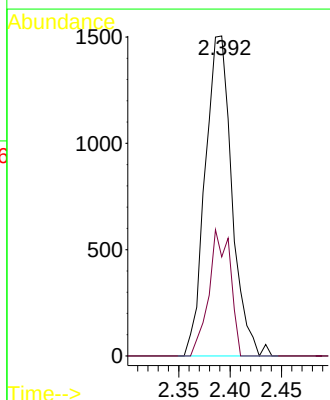
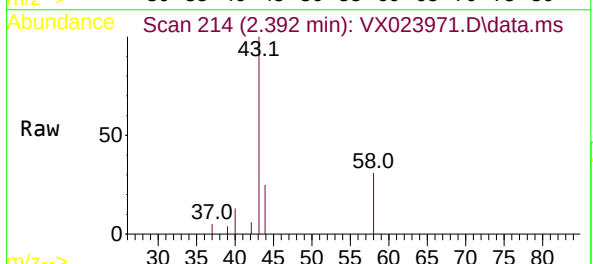
Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

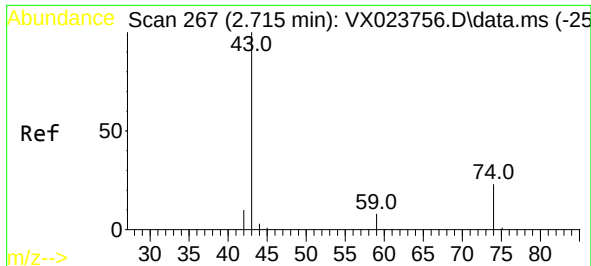


#16

Acetone
Concen: 2.938 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 43 Resp: 2727
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8

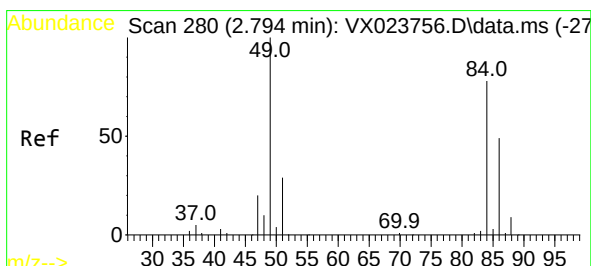
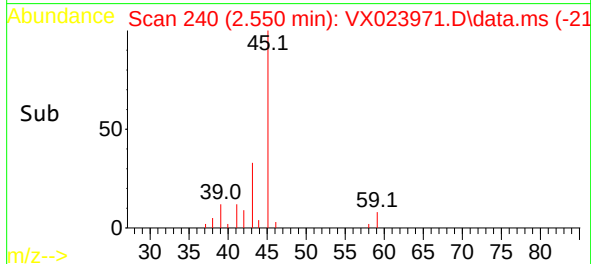
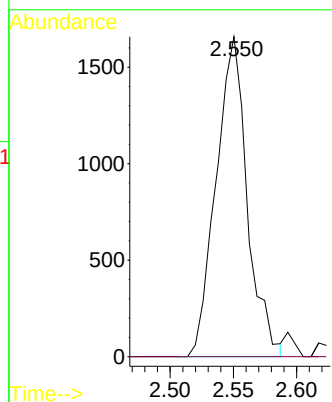
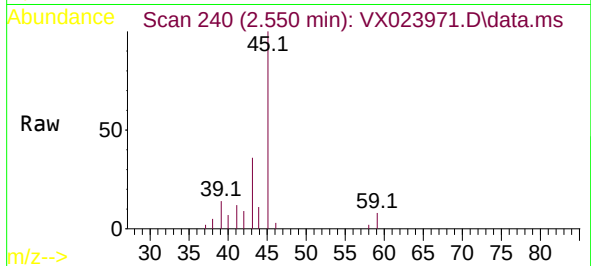




#18
Methyl Acetate
Concen: 1.225 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.165 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

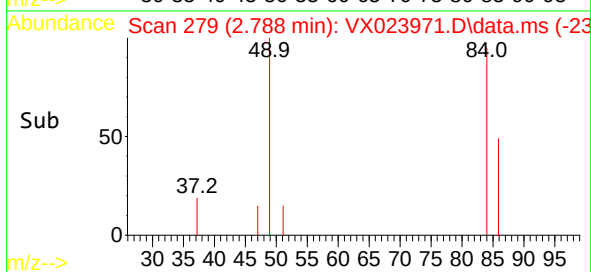
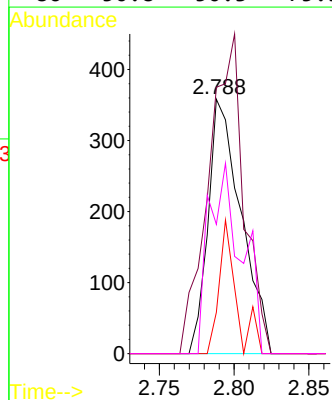
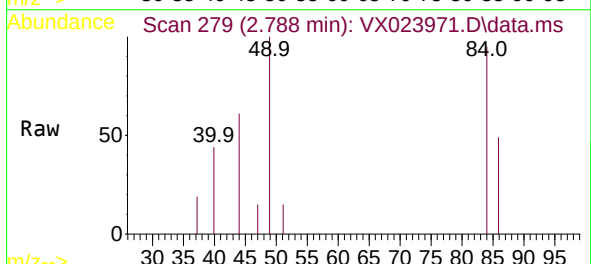
Instrument :
MSVOA_X
ClientSampled :

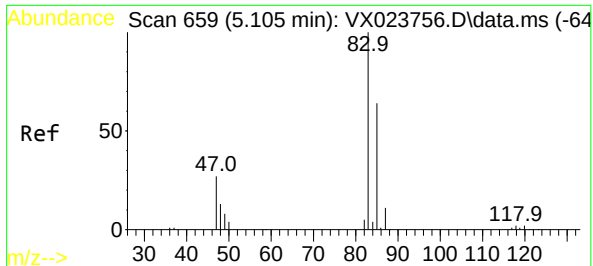
Tgt Ion: 43 Resp: 2840
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.311 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 84 Resp: 551
Ion Ratio Lower Upper
84 100
49 104.7 88.6 132.8
51 16.2 27.0 40.6#
86 50.8 50.3 75.5





#30

Chloroform

Concen: 1.225 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX023971.D

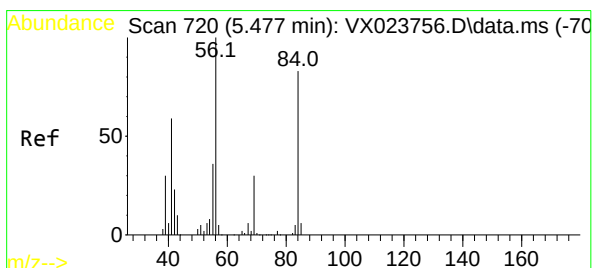
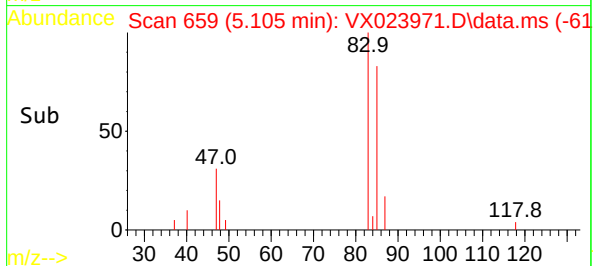
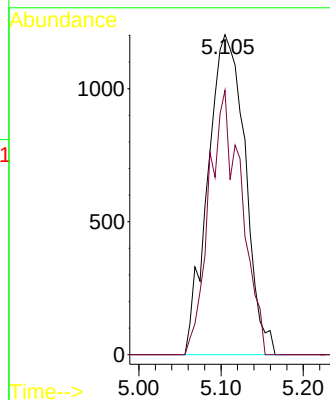
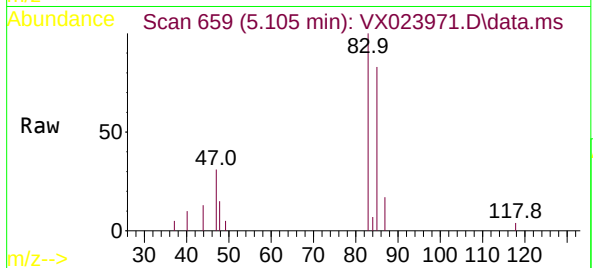
Acq: 26 Aug 2021 17:30

Tgt Ion: 83 Resp: 3783

Ion Ratio Lower Upper

83 100

85 82.6 52.0 78.0#



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX023971.D

Acq: 26 Aug 2021 17:30

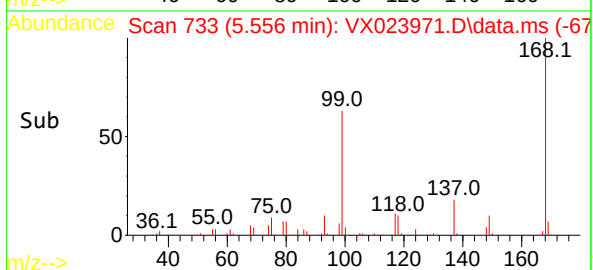
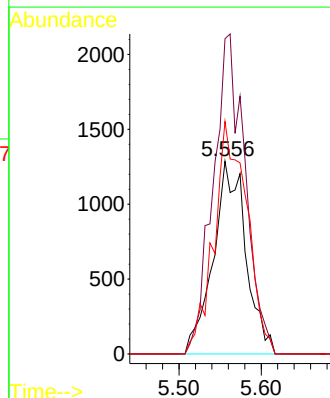
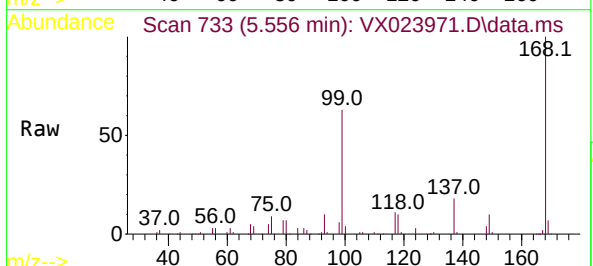
Tgt Ion: 56 Resp: 3540

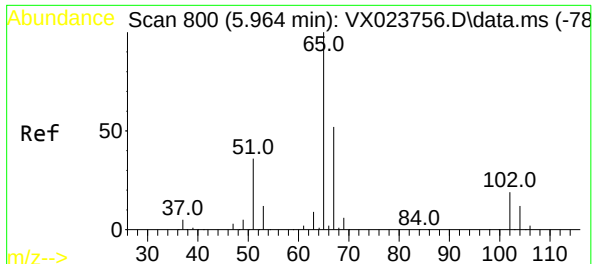
Ion Ratio Lower Upper

56 100

69 163.6 25.3 37.9#

84 120.7 71.4 107.0#



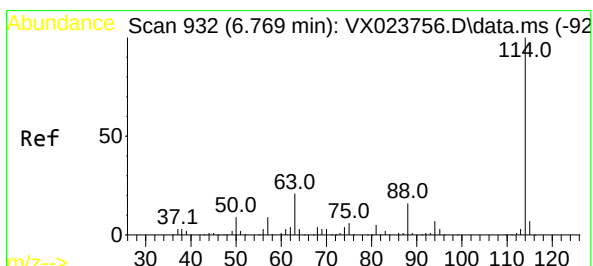
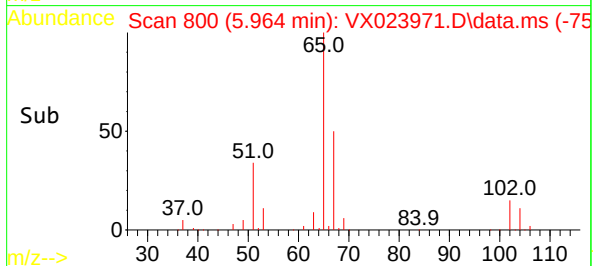
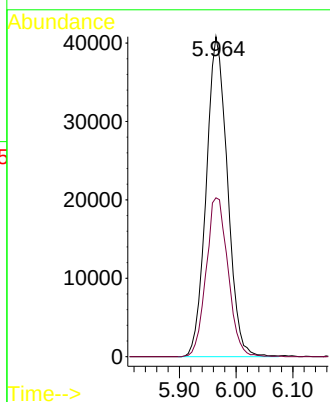
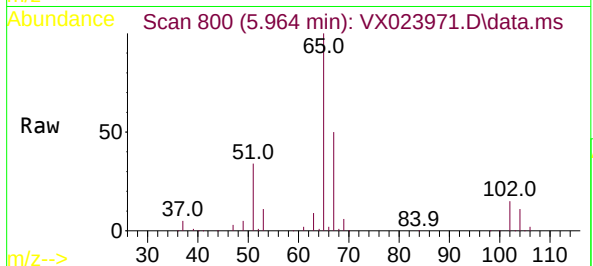


#33

1,2-Dichloroethane-d4
Concen: 51.118 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Instrument :
MSVOA_X
ClientSampled :

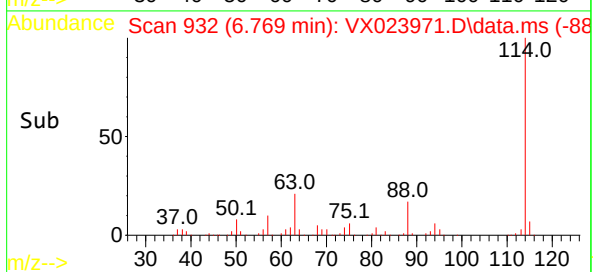
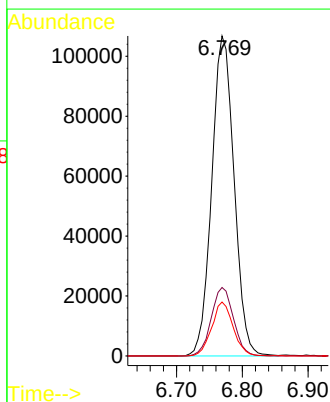
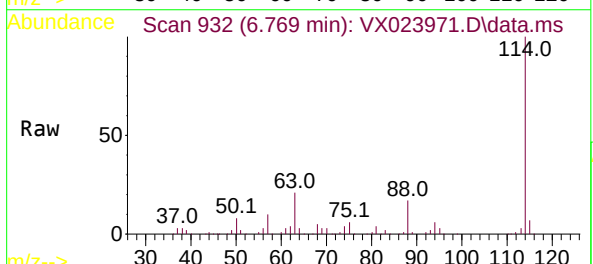
Tgt Ion: 65 Resp: 106129
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

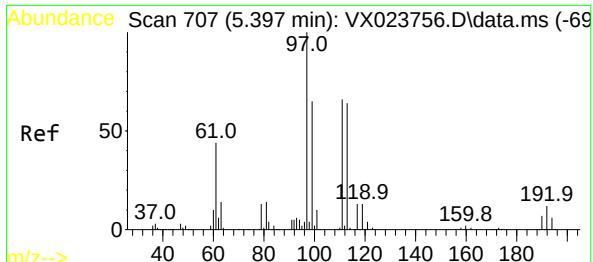


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 114 Resp: 252572
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.8 0.0 32.8

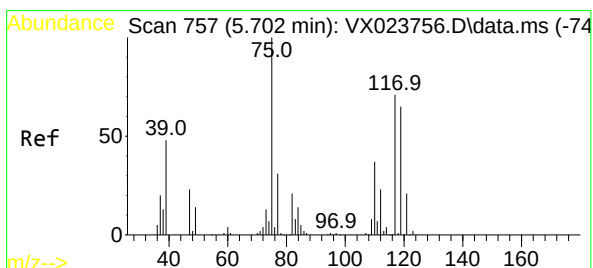
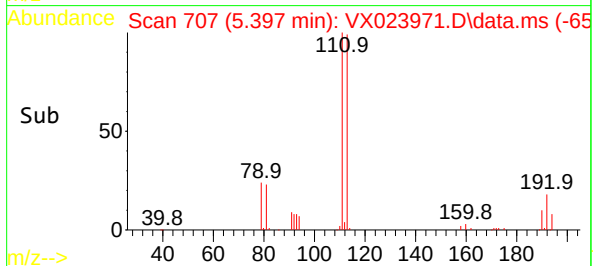
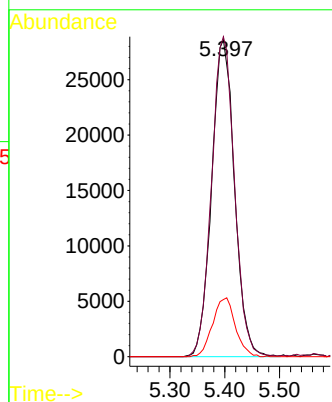
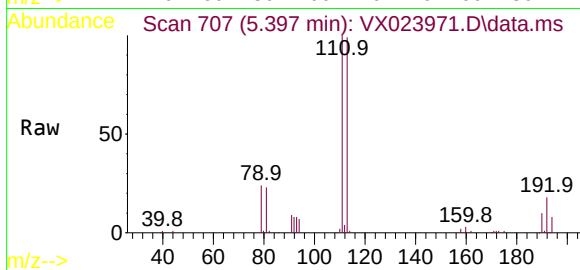




#35
Dibromofluoromethane
Concen: 49.566 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

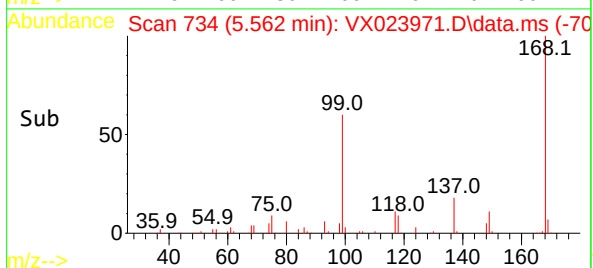
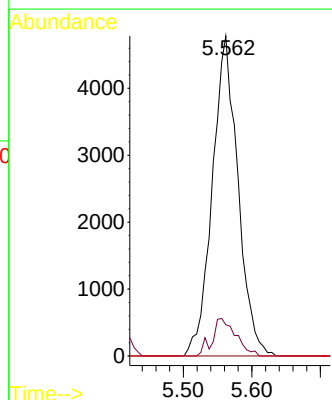
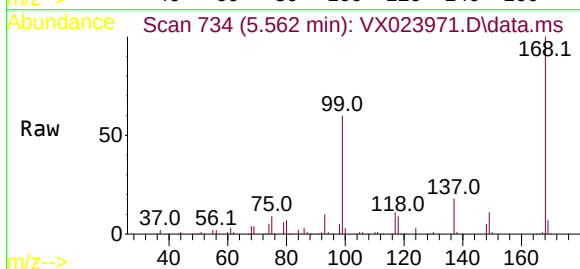
Instrument :
MSVOA_X
ClientSampleId :

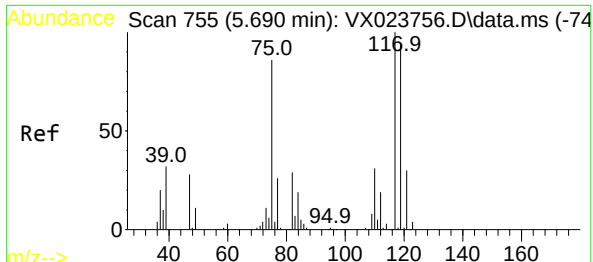
Tgt Ion:113 Resp: 82860
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 18.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

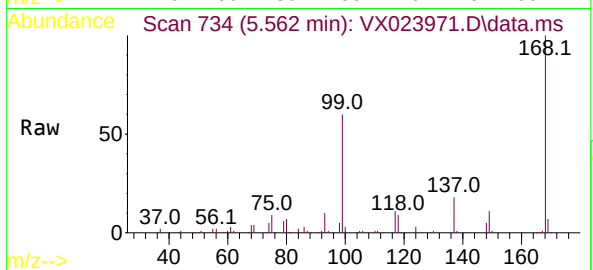
Tgt Ion: 75 Resp: 12405
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#



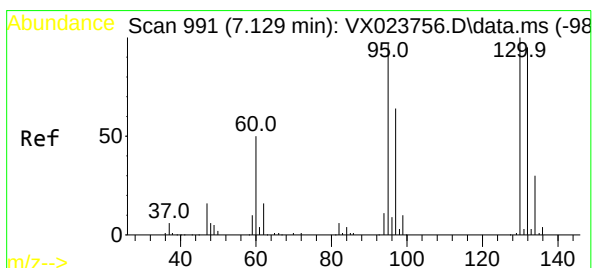
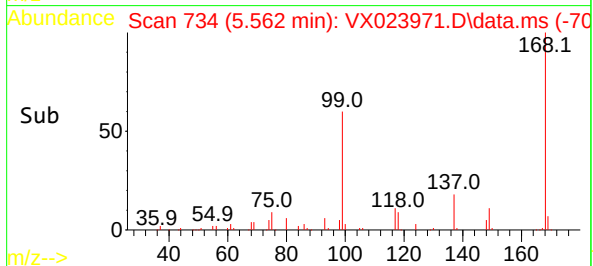
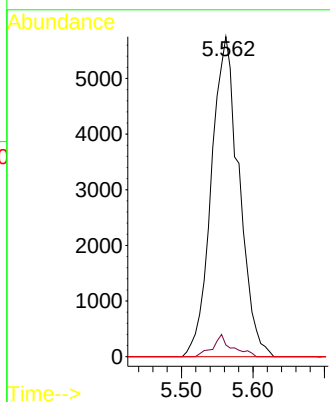


#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Instrument :
MSVOA_X
ClientSampled :

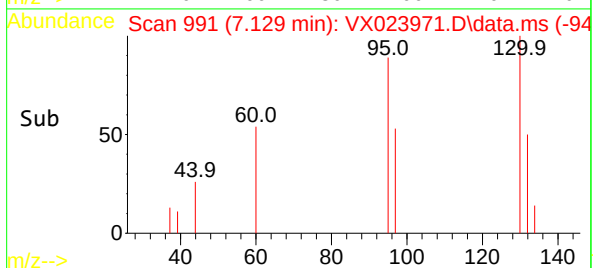
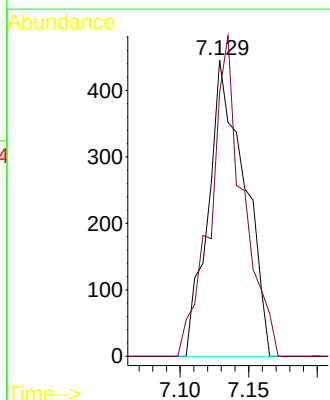
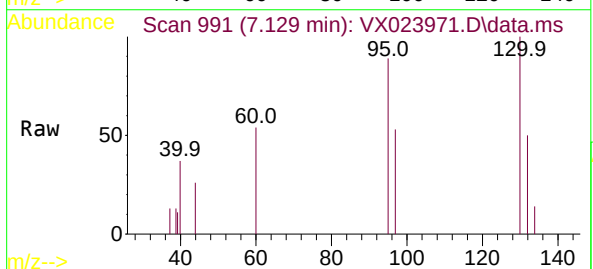


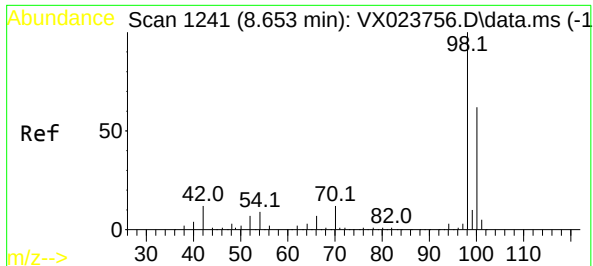
Tgt Ion:117 Resp: 15515
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.429 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion:130 Resp: 820
Ion Ratio Lower Upper
130 100
95 89.0 0.0 198.0

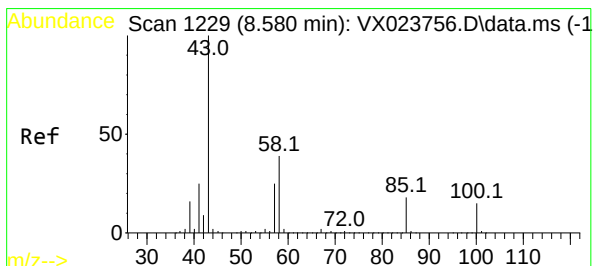
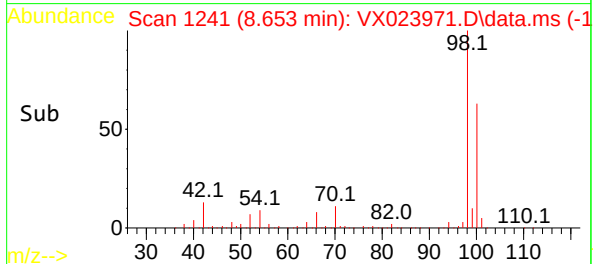
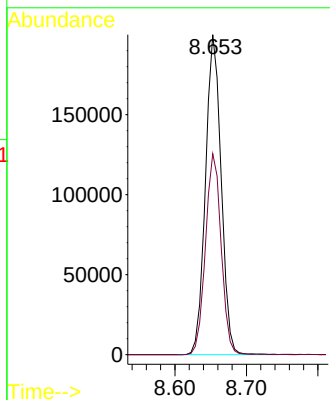
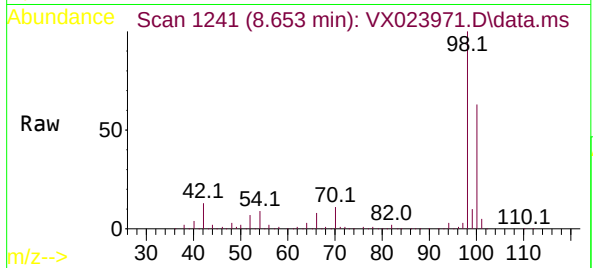




#50
Toluene-d8
Concen: 47.805 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

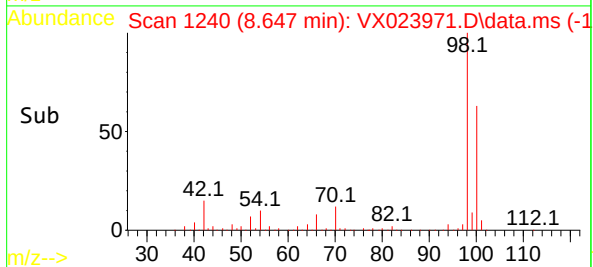
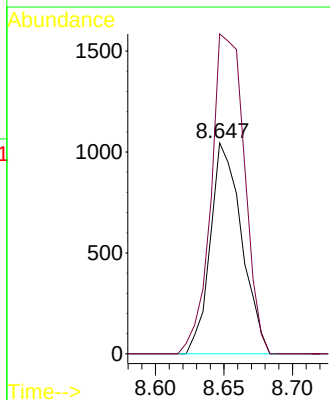
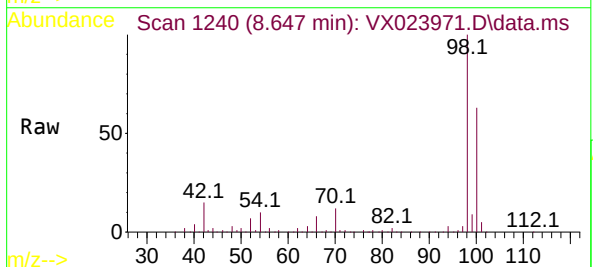
Instrument :
MSVOA_X
ClientSampleId :

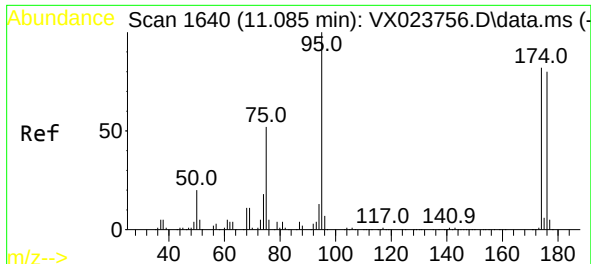
Tgt Ion: 98 Resp: 304164
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 161.3 35.4 53.0#

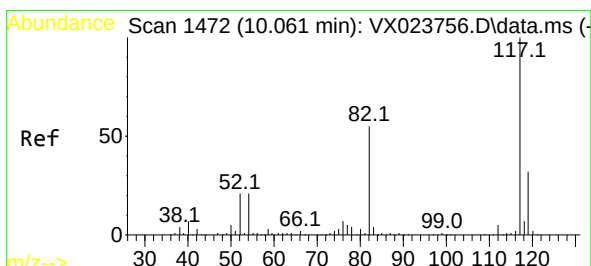
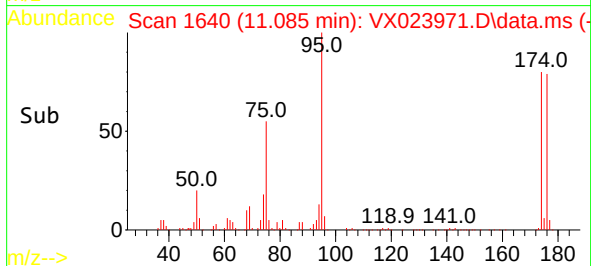
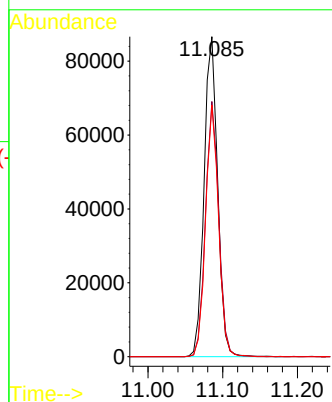
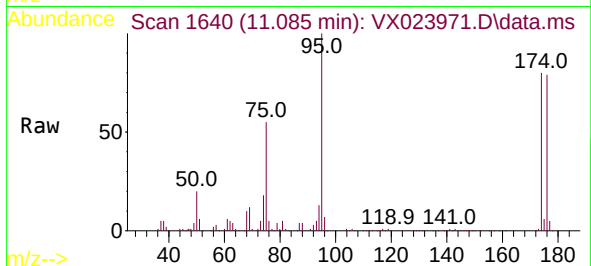




#62
4-Bromofluorobenzene
Concen: 46.558 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

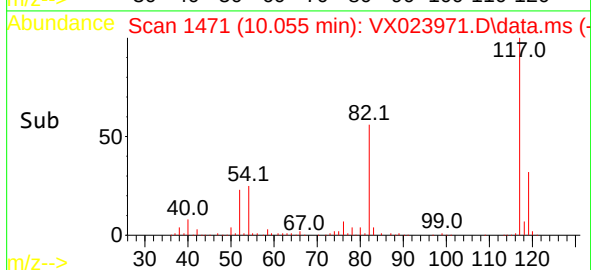
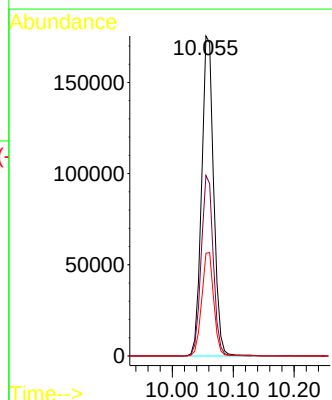
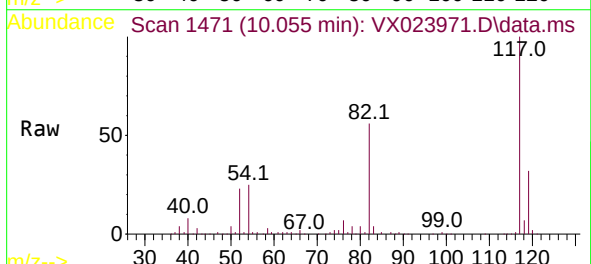
Instrument :
MSVOA_X
ClientSampleId :

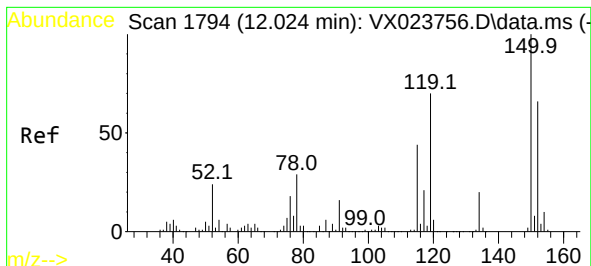
Tgt Ion: 95 Resp: 109050
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 117 Resp: 241210
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.1 26.6 39.8

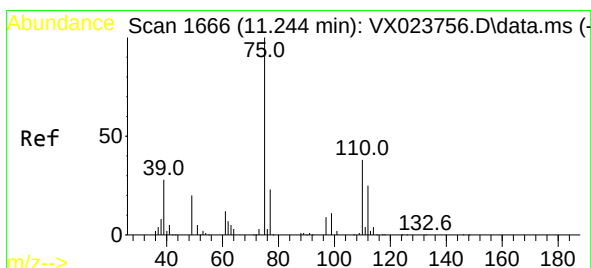
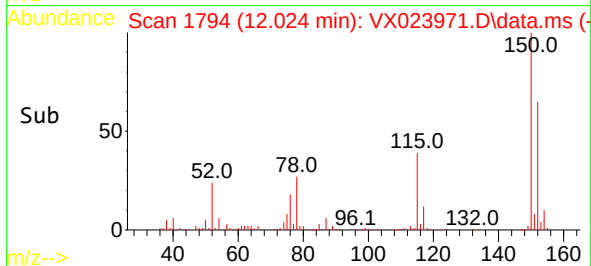
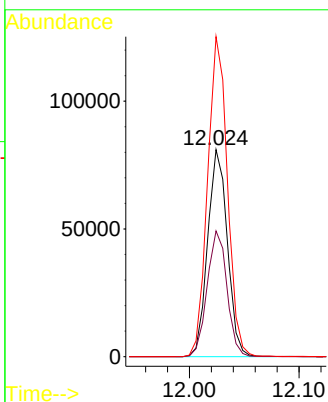
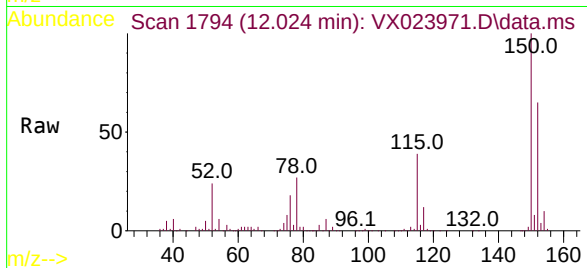




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

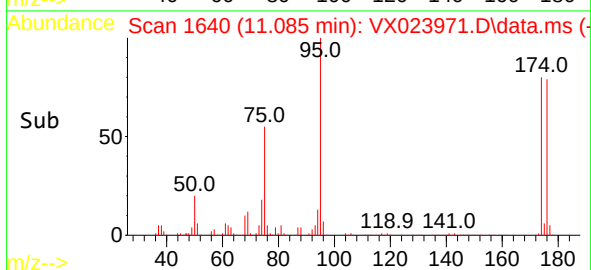
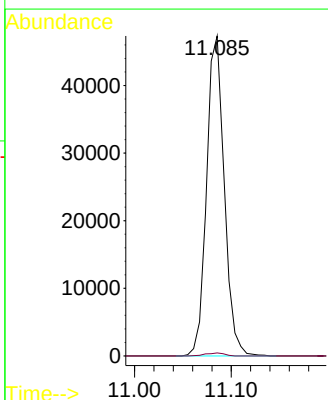
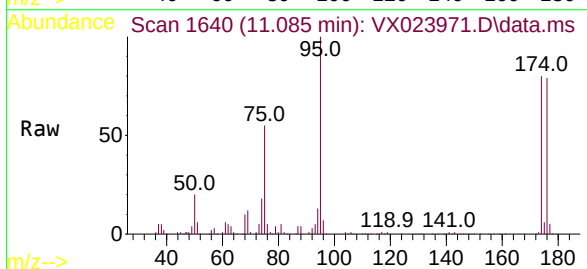
Instrument :
MSVOA_X
ClientSampled :

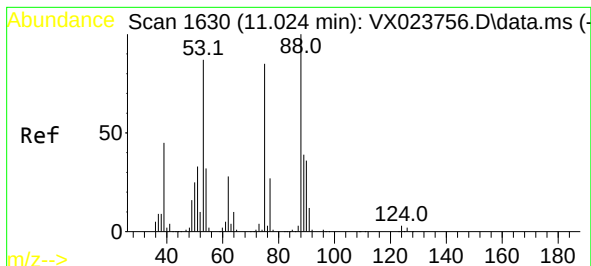
Tgt Ion:152 Resp: 101179
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 155.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.485 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 75 Resp: 60150
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

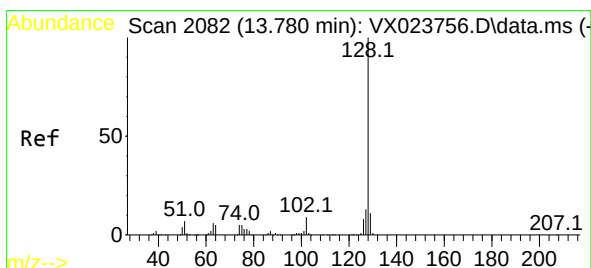
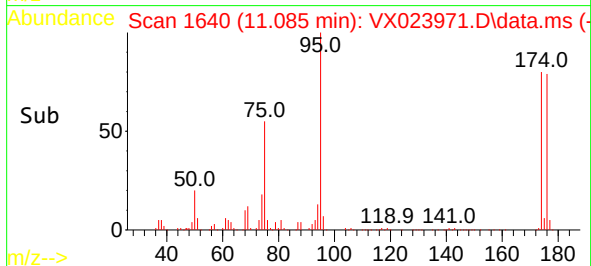
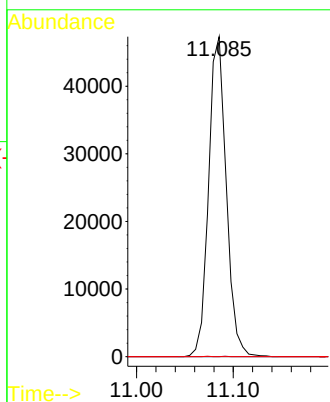
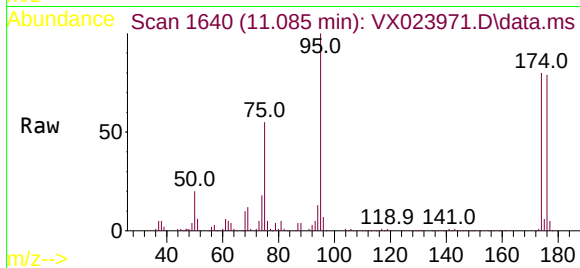




#81
trans-1,4-Dichloro-2-butene
Concen: 74.964 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 60150
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.290 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.012 min
Lab File: VX023971.D
Acq: 26 Aug 2021 17:30

Tgt Ion: 128 Resp: 54
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

