

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023770.D
 Acq On : 17 Aug 2021 18:03
 Operator : JC/MD
 Sample : PB138432TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB138432TB

Quant Time: Aug 18 06:11:28 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)

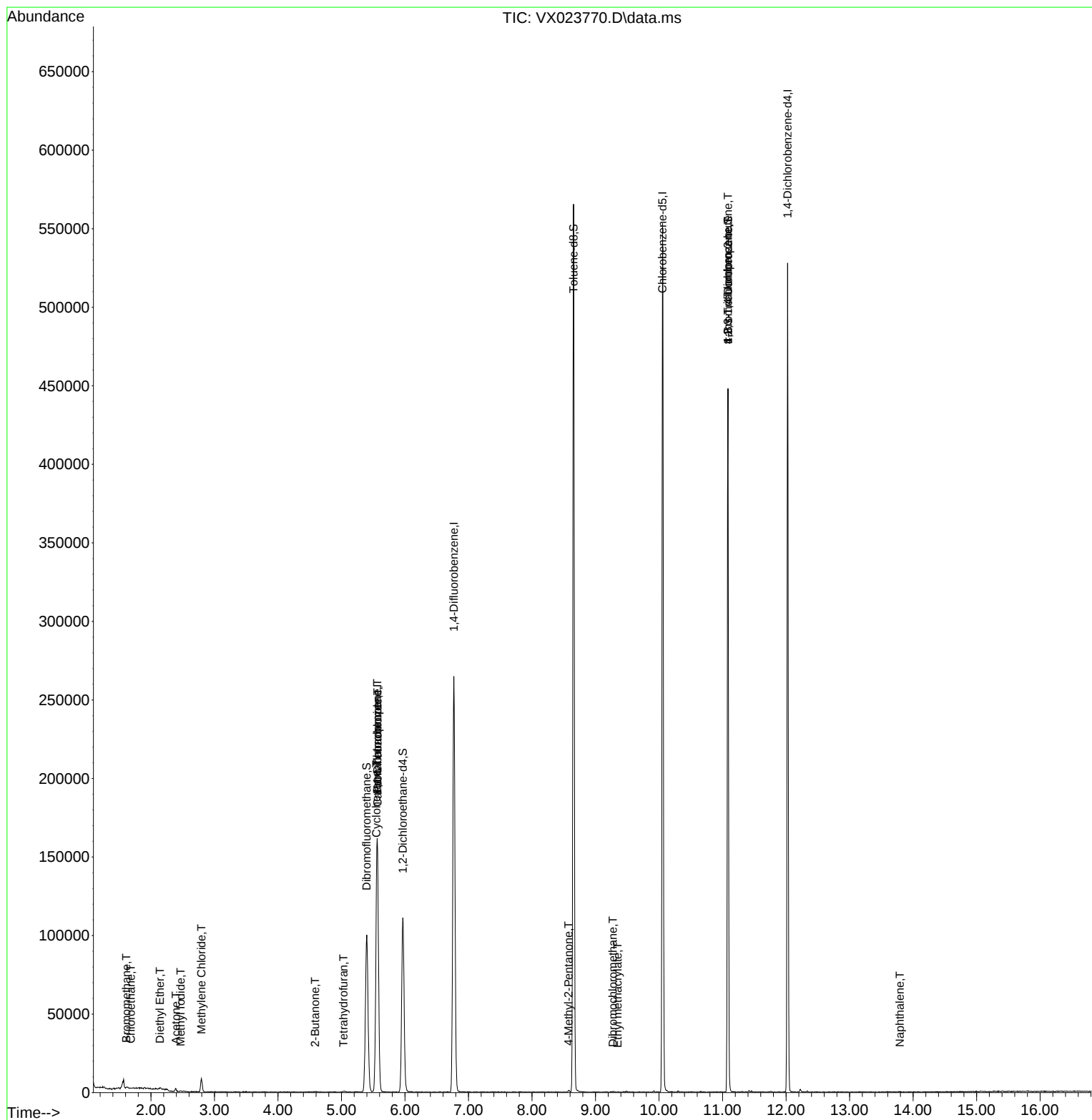
Internal Standards						
1) Pentafluorobenzene	5.562	168	154405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	265223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109937	51.015	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.397	113	84167	47.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.900%			
50) Toluene-d8	8.653	98	324090	48.507	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.020%			
62) 4-Bromofluorobenzene	11.085	95	111500	45.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.660%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	656	0.598	ug/l	99
6) Chloroethane	1.685	64	204	2.351	ug/l	93
8) Diethyl Ether	2.142	74	240	0.250	ug/l #	1
10) Methyl Iodide	2.465	142	846	0.392	ug/l #	92
16) Acetone	2.392	43	2107	2.187	ug/l #	82
20) Methylene Chloride	2.794	84	3713	2.017	ug/l #	90
25) 2-Butanone	4.587	43	359	0.246	ug/l #	45
29) Tetrahydrofuran	5.032	42	355	0.376	ug/l #	55
31) Cyclohexane	5.550	56	3570	1.289	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	12253	4.989	ug/l #	47
38) Carbon Tetrachloride	5.568	117	15266	5.960	ug/l #	15
51) 4-Methyl-2-Pentanone	8.574	43	852	0.279	ug/l #	71
56) Ethyl methacrylate	9.348	69	22	0.766	ug/l #	1
60) Dibromochloromethane	9.275	129	97	1.732	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60852	25.102	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	60852	73.839	ug/l #	12
95) Naphthalene	13.792	128	278	1.318	ug/l #	69

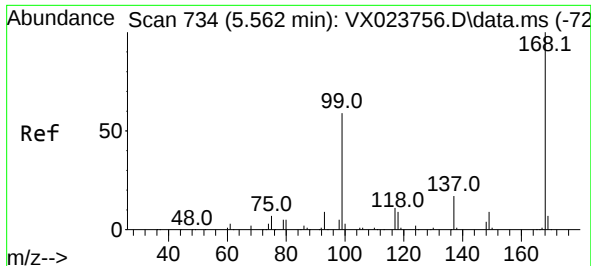
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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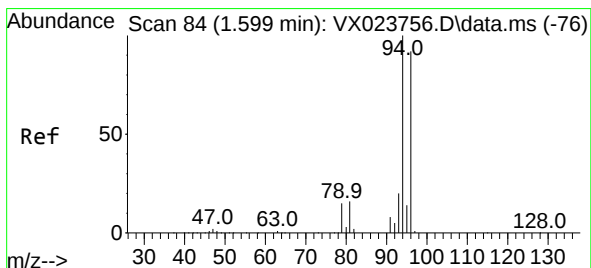
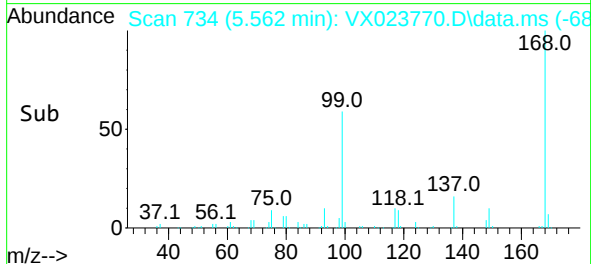
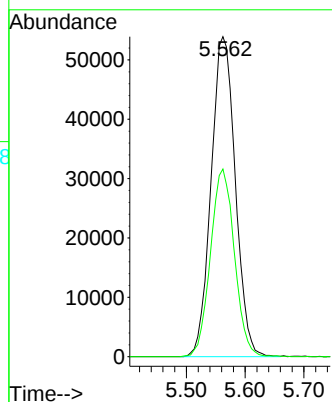
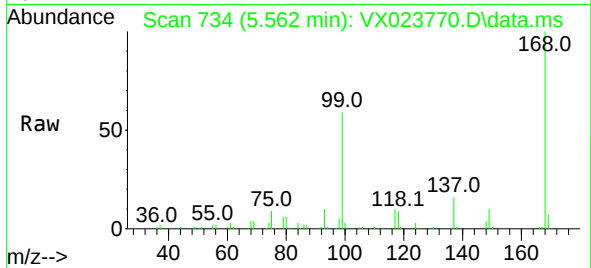




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

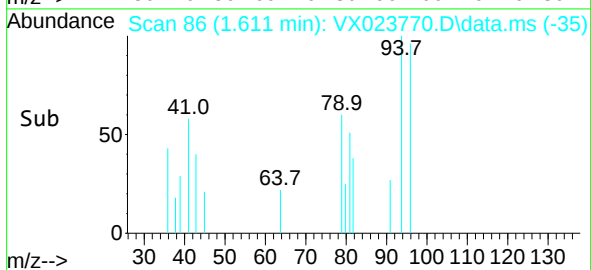
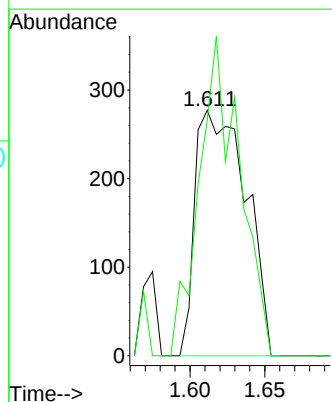
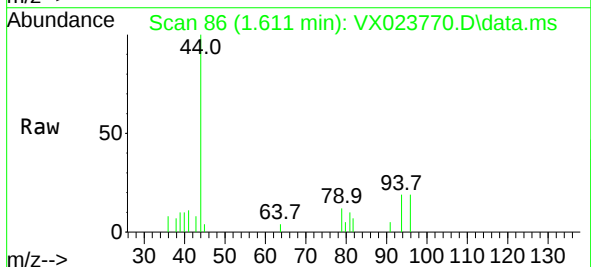
Instrument :
MSVOA_X
ClientSampleId :
PB138432TB

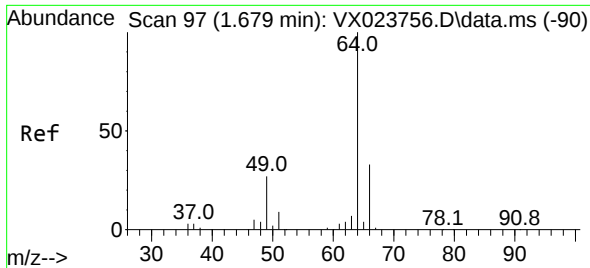
Tgt Ion:168 Resp: 154405
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#5
Bromomethane
Concen: 0.598 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Tgt Ion: 94 Resp: 656
Ion Ratio Lower Upper
94 100
96 96.0 76.4 114.6

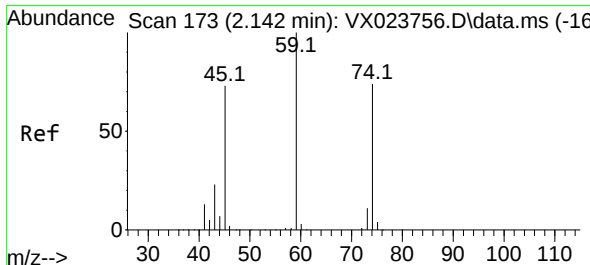
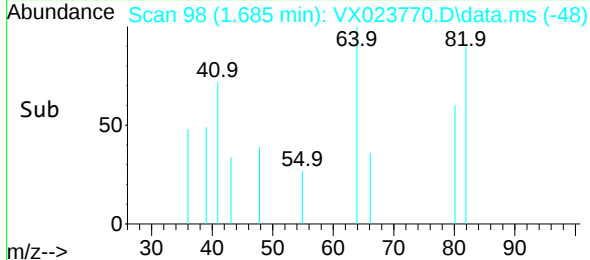
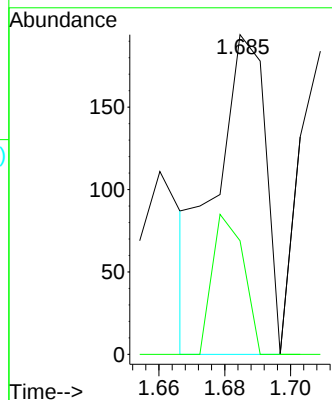
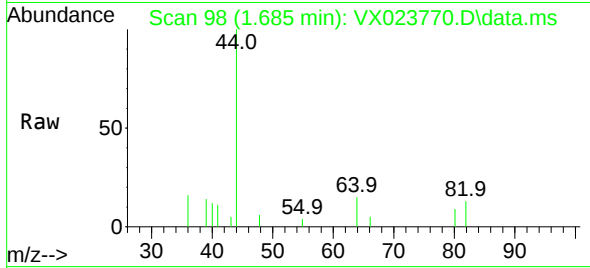




#6
Chloroethane
Concen: 2.351 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

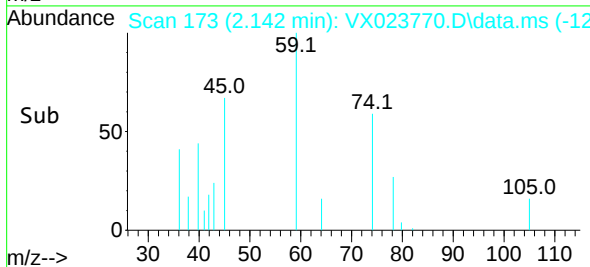
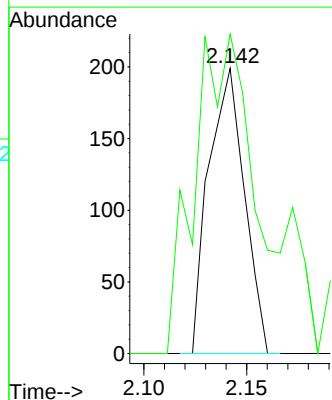
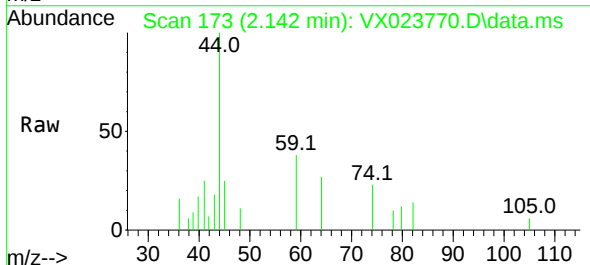
Instrument :
MSVOA_X
ClientSampled :
PB138432TB

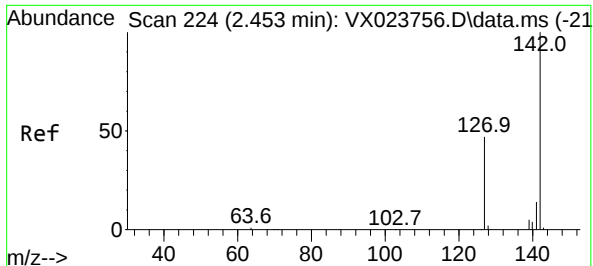
Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 35.6 25.4 38.0



#8
Diethyl Ether
Concen: 0.250 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

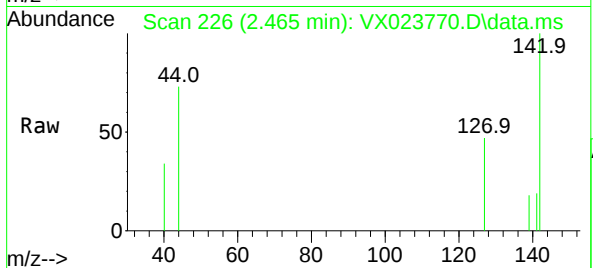
Tgt Ion: 74 Resp: 240
Ion Ratio Lower Upper
74 100
45 220.4 44.5 133.5#



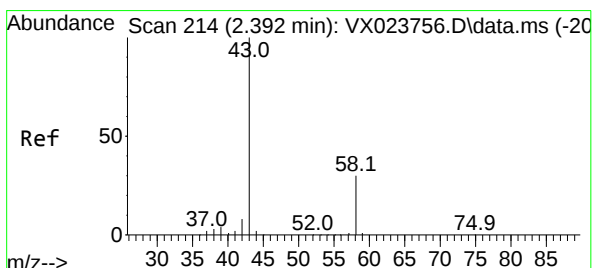
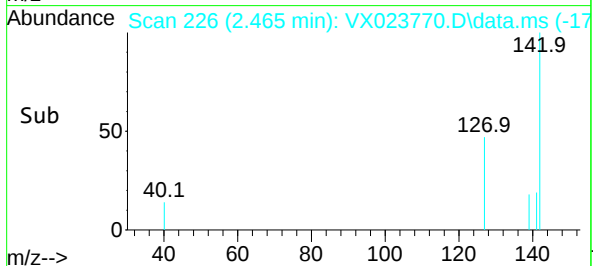
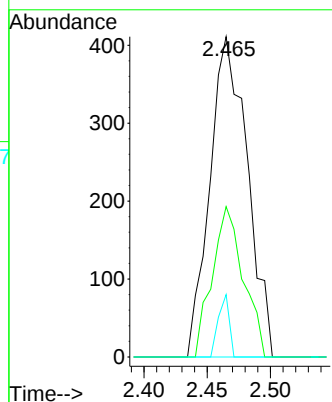


#10
Methyl Iodide
Concen: 0.392 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Instrument :
MSVOA_X
ClientSampleId :
PB138432TB

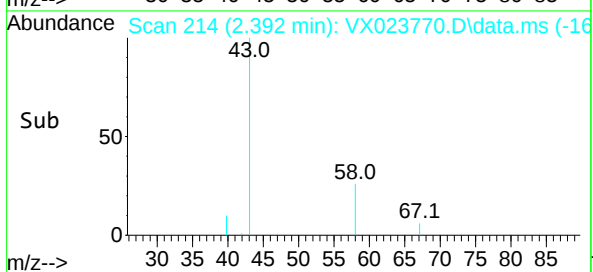
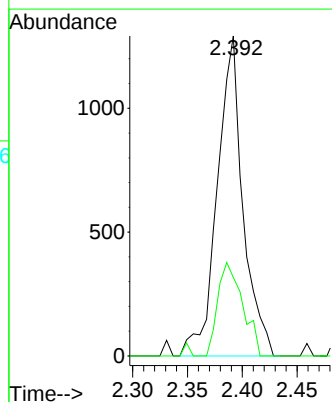
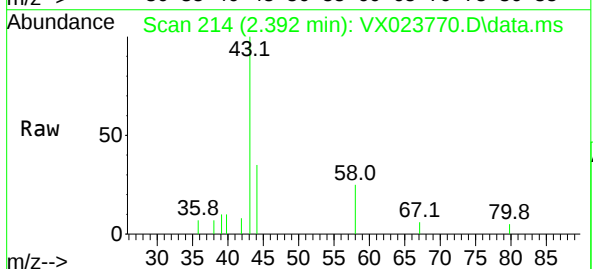


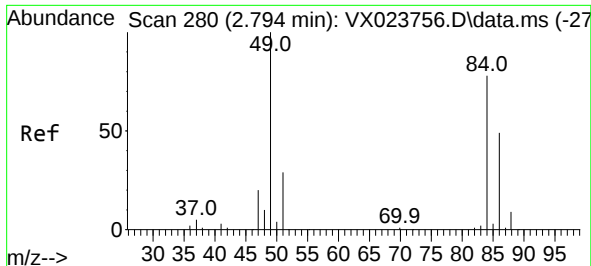
Tgt Ion:142 Resp: 846
Ion Ratio Lower Upper
142 100
127 39.0 33.3 49.9
141 5.7 11.4 17.0#



#16
Acetone
Concen: 2.187 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Tgt Ion: 43 Resp: 2107
Ion Ratio Lower Upper
43 100
58 24.5 27.8 41.8#





#20

Methylene Chloride

Concen: 2.017 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023770.D

Acq: 17 Aug 2021 18:03

Instrument :

MSVOA_X

ClientSampleId :

PB138432TB

Tgt Ion: 84 Resp: 3713

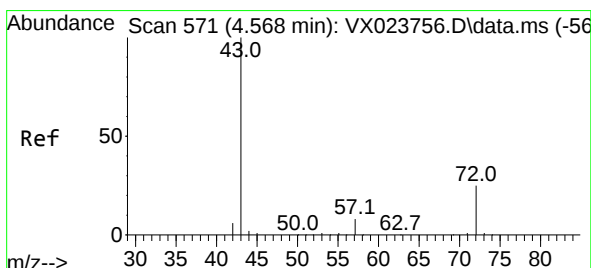
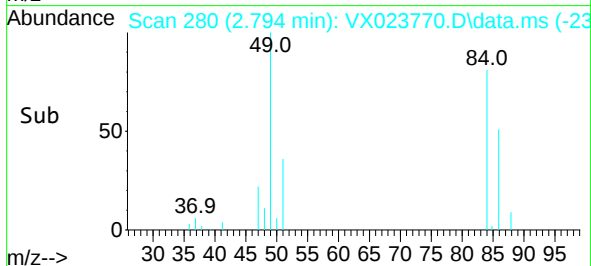
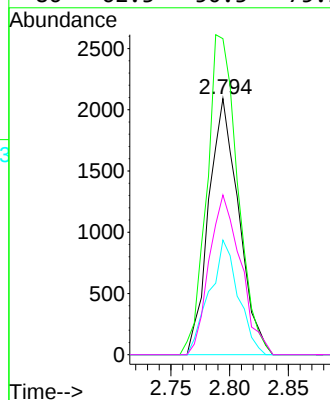
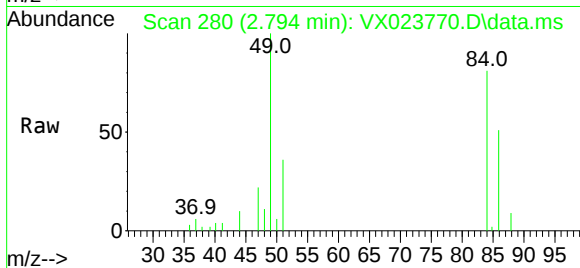
Ion Ratio Lower Upper

84 100

49 123.3 88.6 132.8

51 44.7 27.0 40.6#

86 62.3 50.3 75.5



#25

2-Butanone

Concen: 0.246 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX023770.D

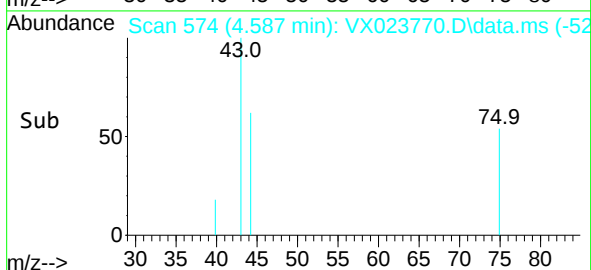
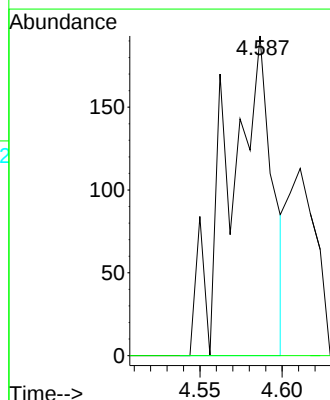
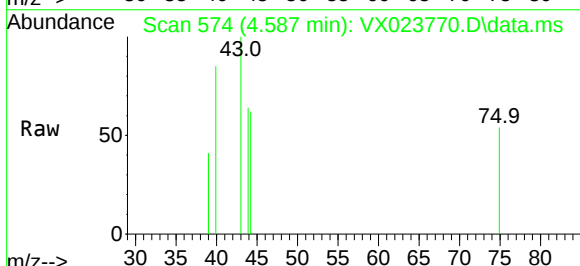
Acq: 17 Aug 2021 18:03

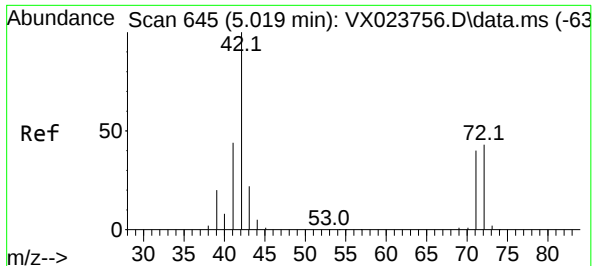
Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.376 ug/l

RT: 5.032 min Scan# 647

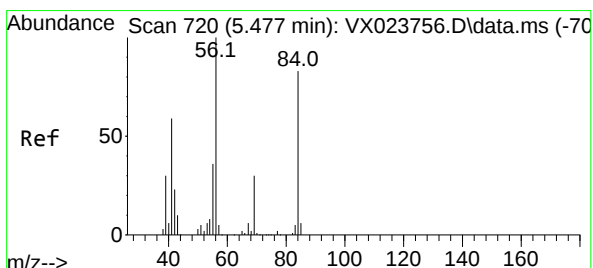
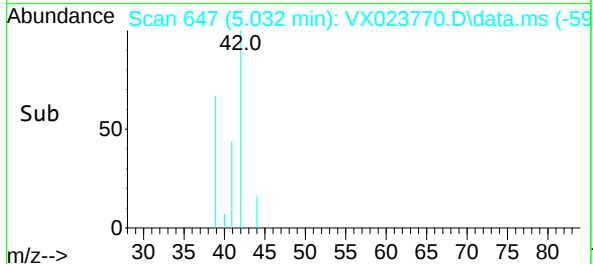
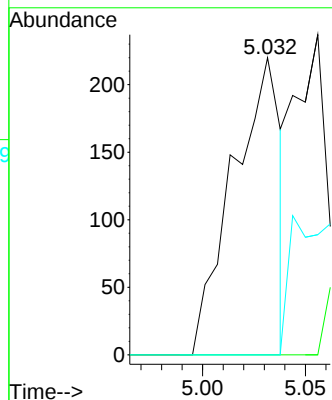
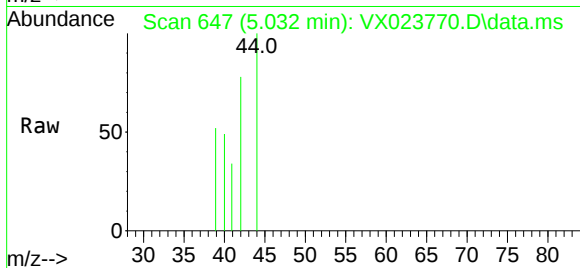
Delta R.T. 0.013 min

Lab File: VX023770.D

Acq: 17 Aug 2021 18:03

Tgt Ion:	42	Resp:	355
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	38.9	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :
PB138432TB



#31

Cyclohexane

Concen: 1.289 ug/l

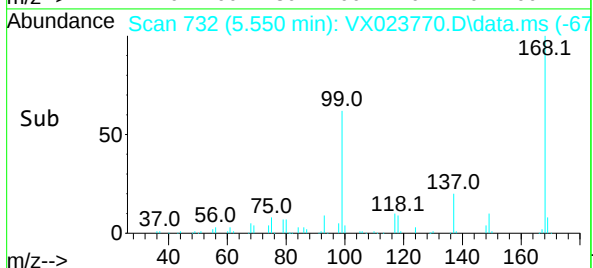
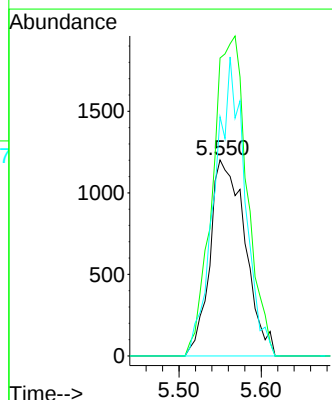
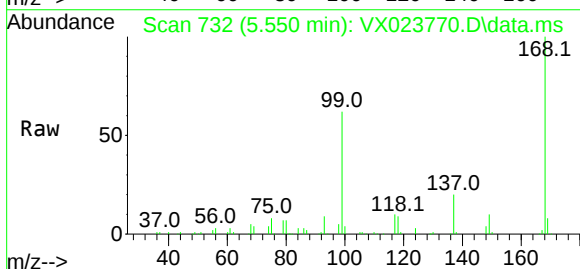
RT: 5.550 min Scan# 732

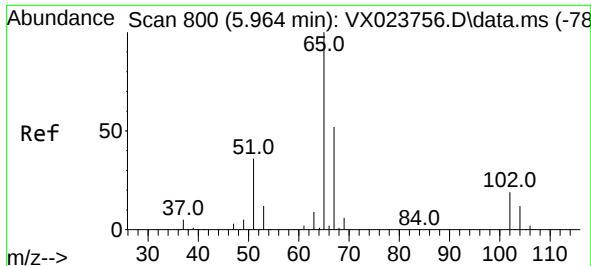
Delta R.T. 0.073 min

Lab File: VX023770.D

Acq: 17 Aug 2021 18:03

Tgt Ion:	56	Resp:	3570
Ion	Ratio	Lower	Upper
56	100		
69	152.0	25.3	37.9#
84	122.0	71.4	107.0#

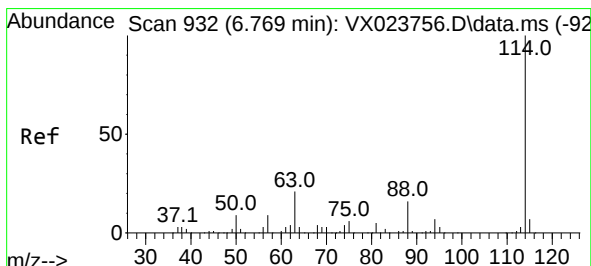
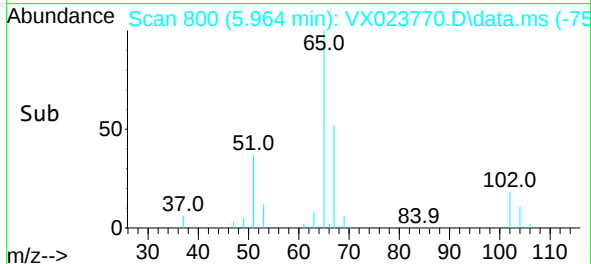
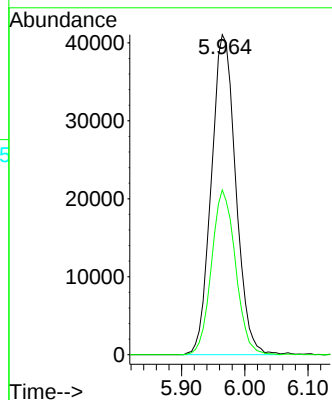
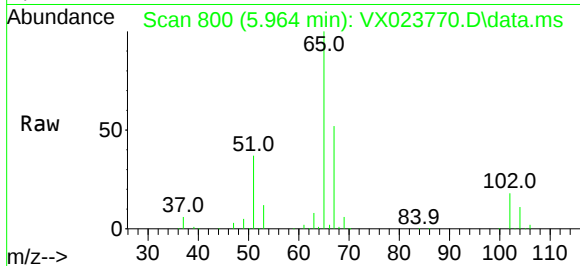




#33
1,2-Dichloroethane-d4
Concen: 51.015 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

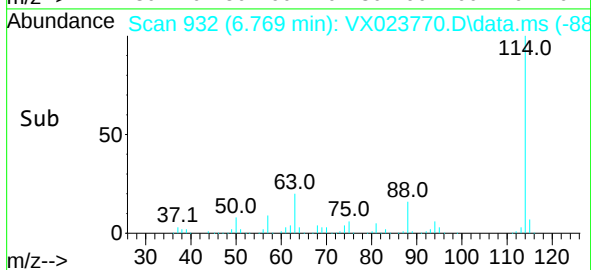
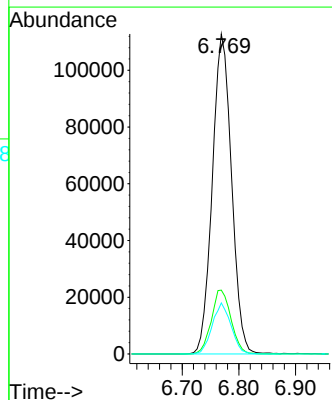
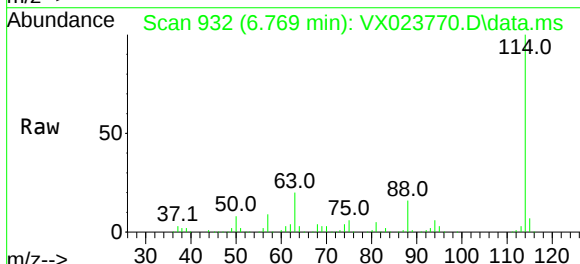
Instrument :
MSVOA_X
ClientSampleId :
PB138432TB

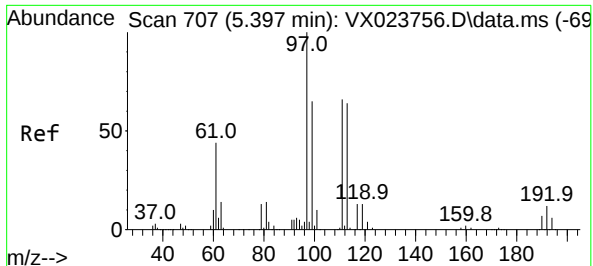
Tgt Ion: 65 Resp: 109937
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Tgt Ion: 114 Resp: 265223
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.946 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023770.D

Acq: 17 Aug 2021 18:03

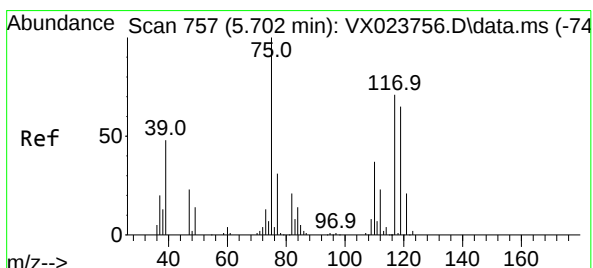
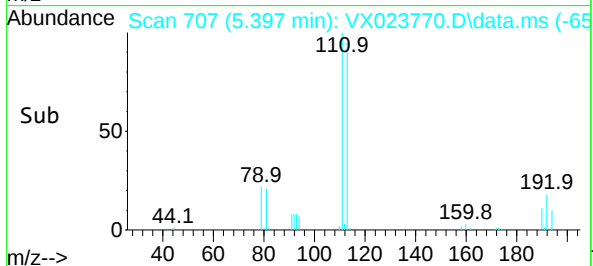
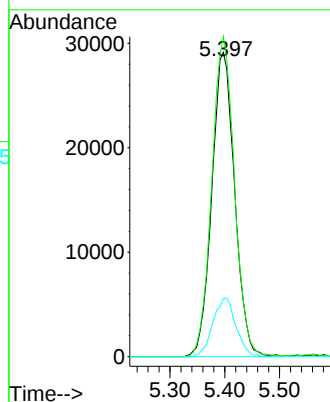
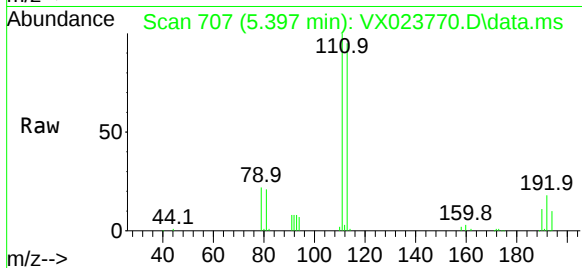
Tgt Ion:113 Resp: 84167

Ion Ratio Lower Upper

113 100

111 104.9 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023770.D

Acq: 17 Aug 2021 18:03

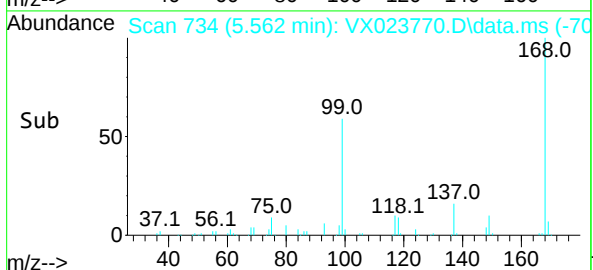
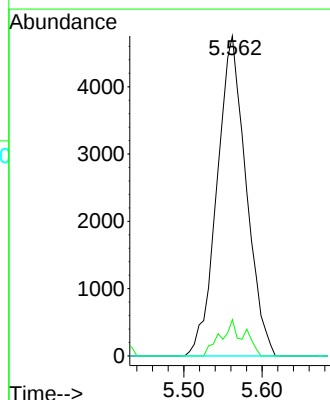
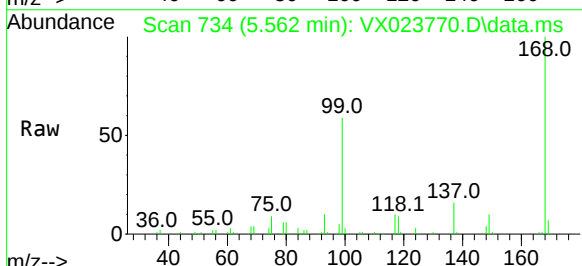
Tgt Ion: 75 Resp: 12253

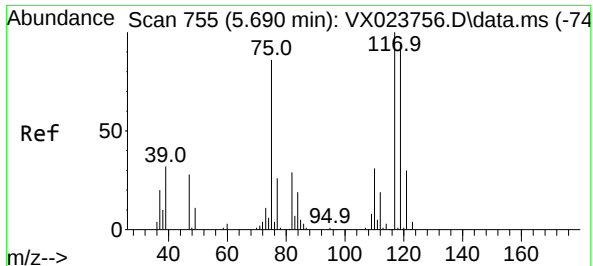
Ion Ratio Lower Upper

75 100

110 6.9 18.1 54.4#

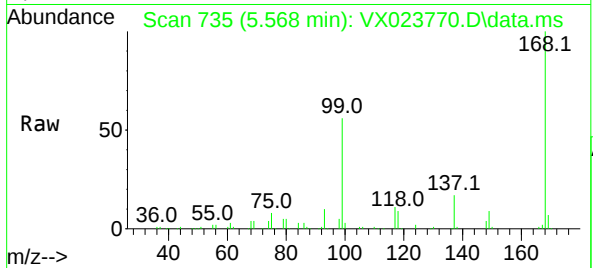
77 0.0 25.3 37.9#



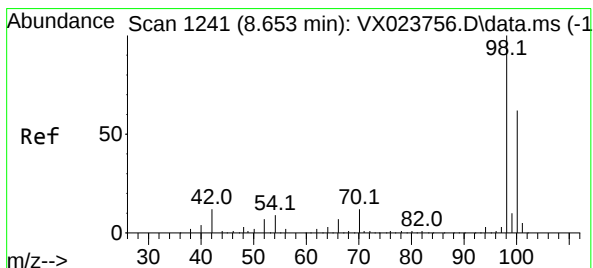
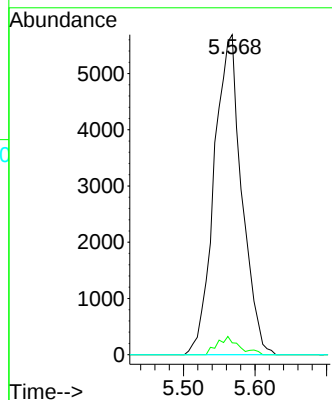
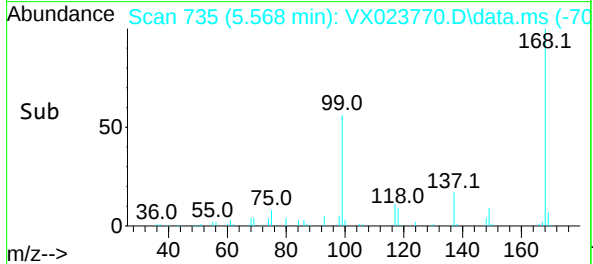


#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

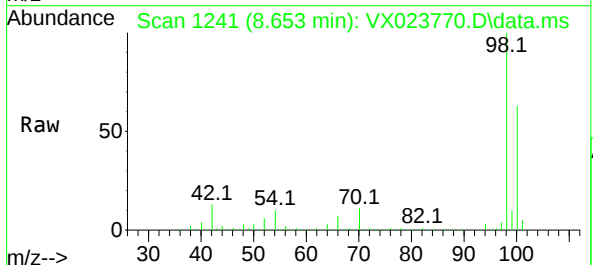
Instrument :
MSVOA_X
ClientSampleId :
PB138432TB



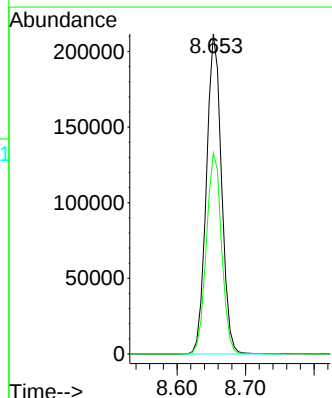
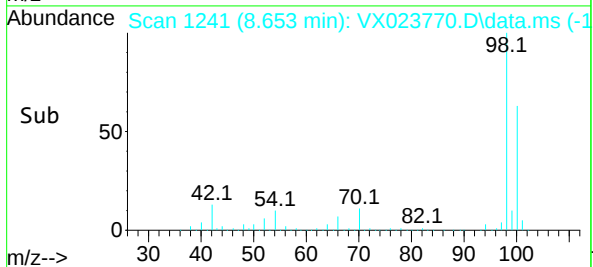
Tgt Ion:117 Resp: 15266
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

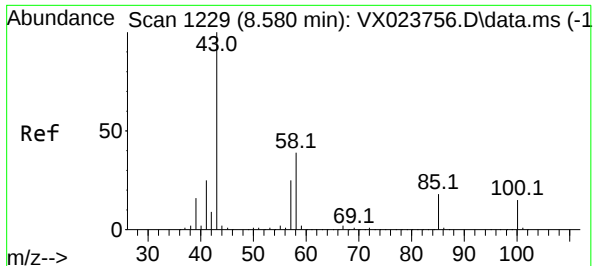


#50
Toluene-d8
Concen: 48.507 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03



Tgt Ion: 98 Resp: 324090
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

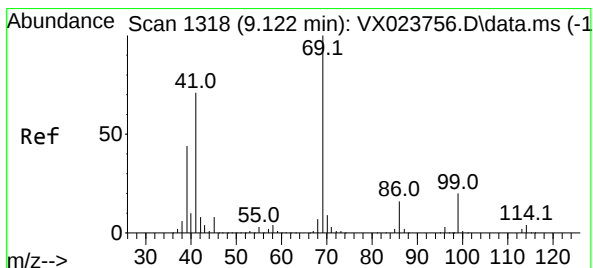
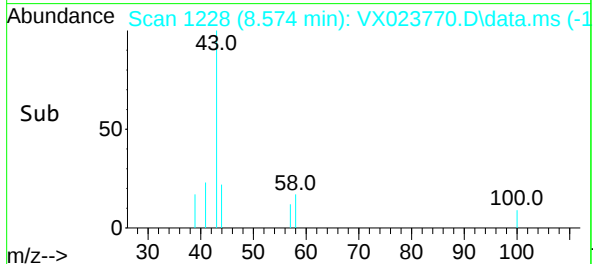
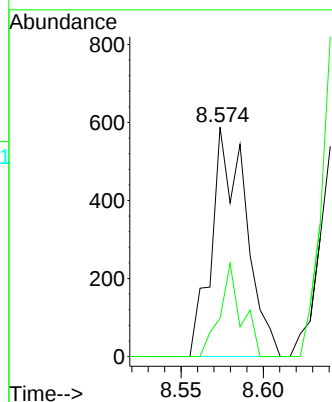
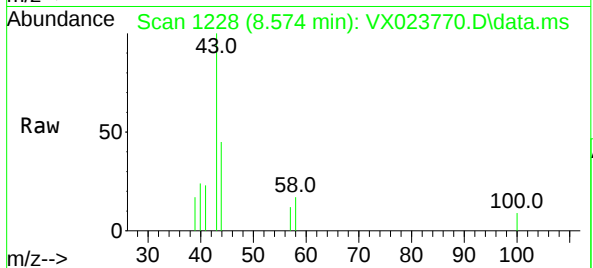




#51
4-Methyl-2-Pentanone
Concen: 0.279 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

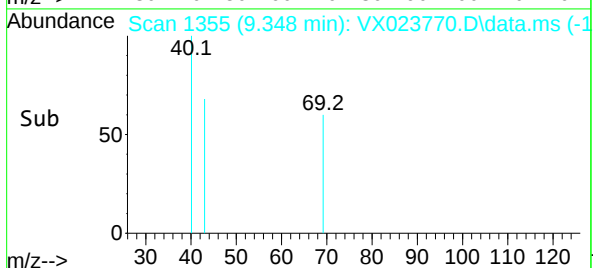
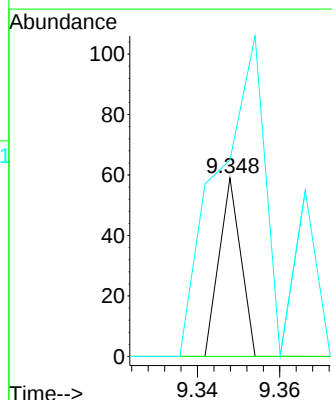
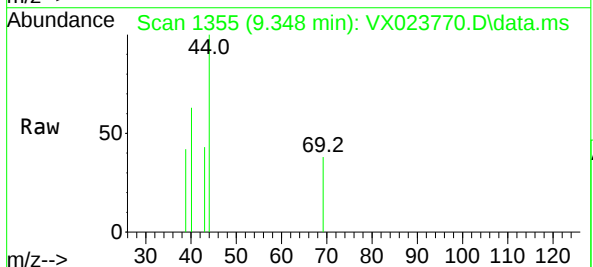
Instrument :
MSVOA_X
ClientSampleId :
PB138432TB

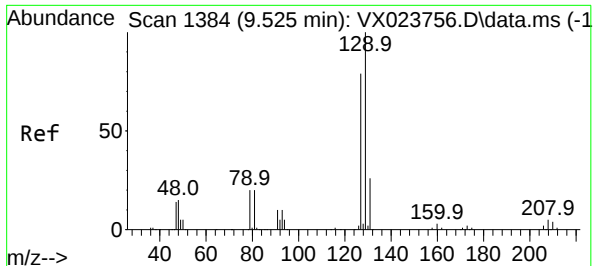
Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 25.5 35.4 53.0#



#56
Ethyl methacrylate
Concen: 0.766 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 472.7 24.7 37.1#

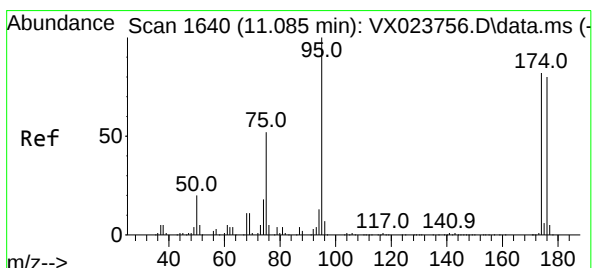
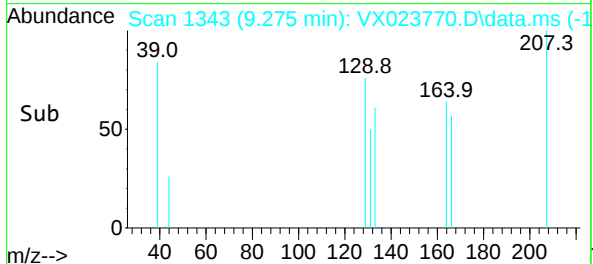
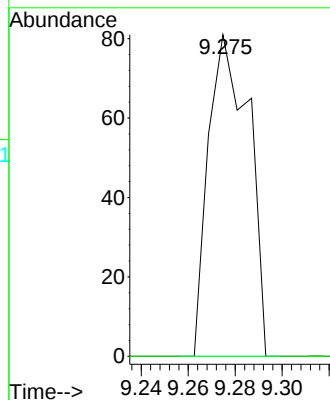
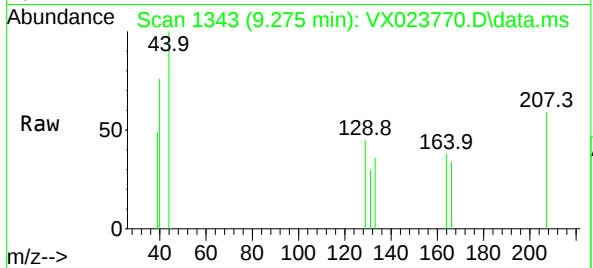




#60
Dibromochloromethane
Concen: 1.732 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

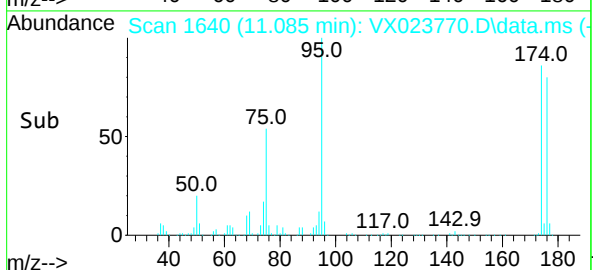
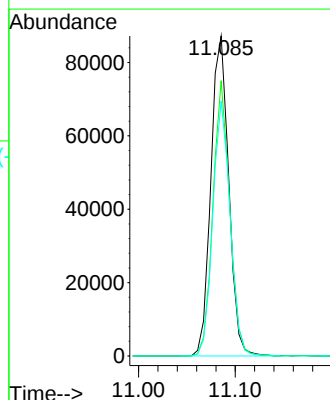
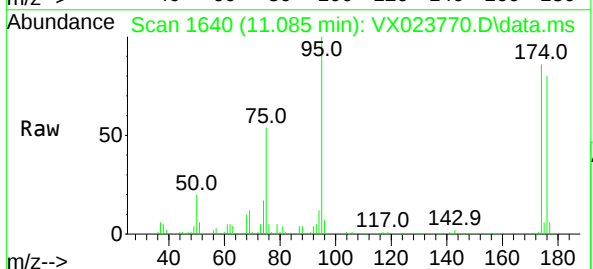
Instrument :
MSVOA_X
ClientSampleId :
PB138432TB

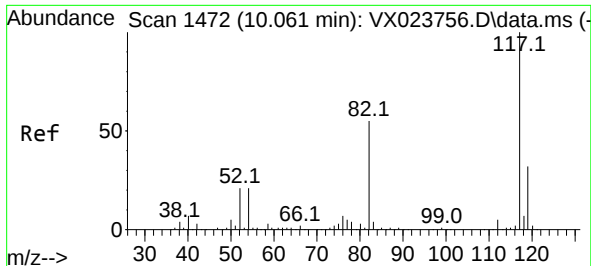
Tgt Ion:129 Resp: 97
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.333 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Tgt Ion: 95 Resp: 111500
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 77.1 0.0 155.8

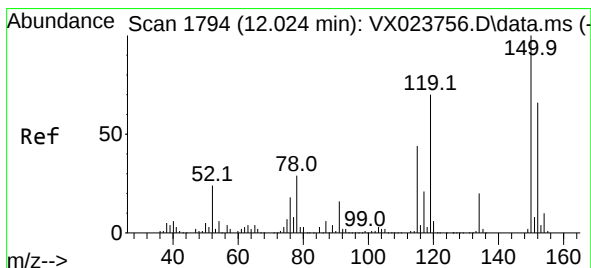
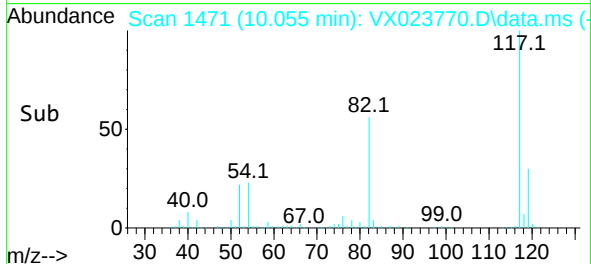
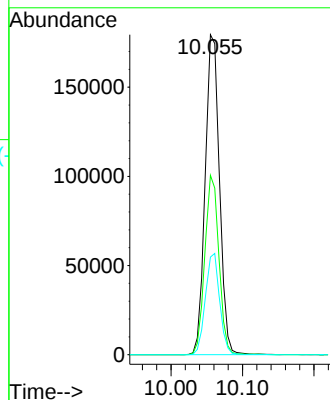
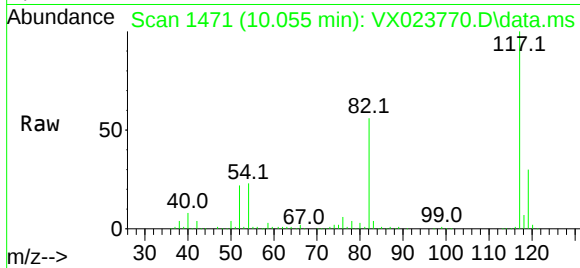




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

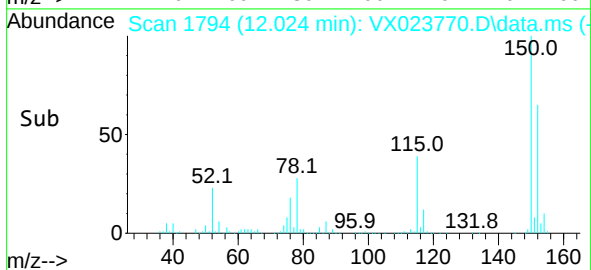
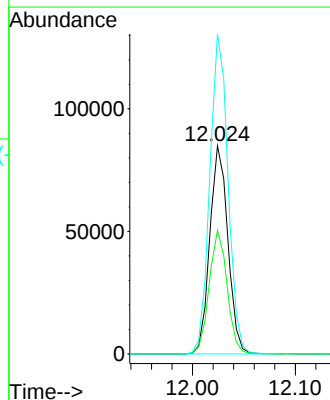
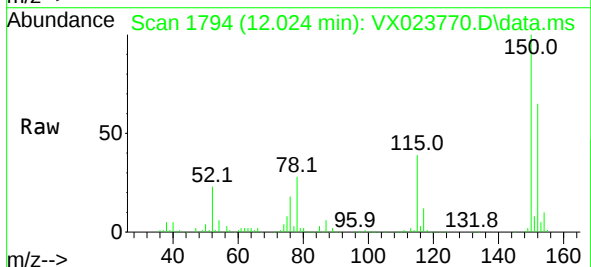
Instrument :
MSVOA_X
ClientSampleId :
PB138432TB

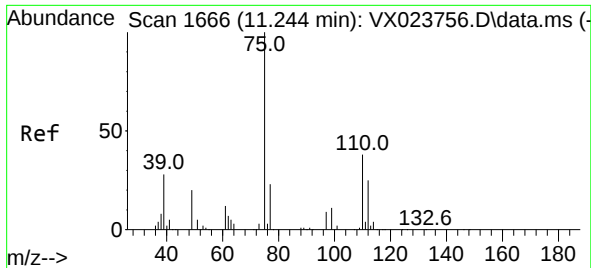
Tgt Ion:117 Resp: 249861
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 30.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Tgt Ion:152 Resp: 103920
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 154.6 0.0 349.0

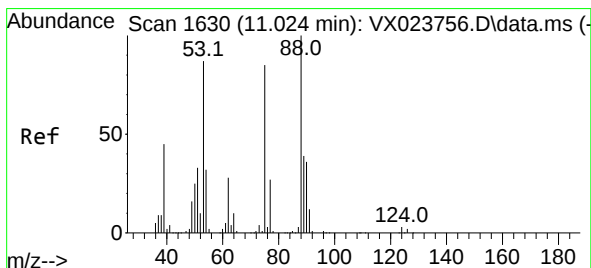
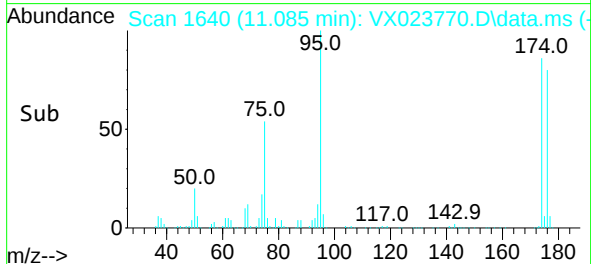
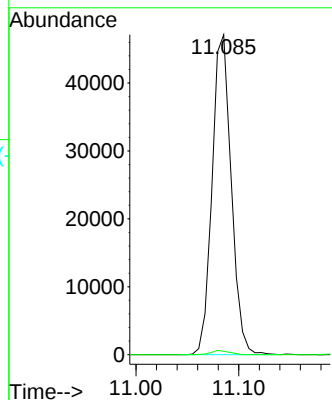
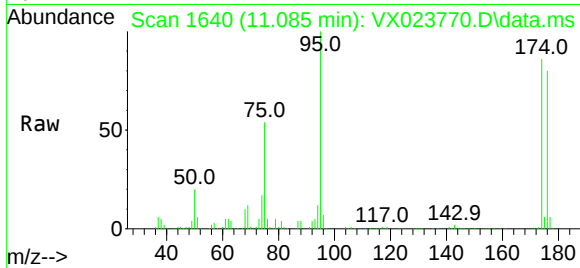




#76
1,2,3-Trichloropropane
Concen: 25.102 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

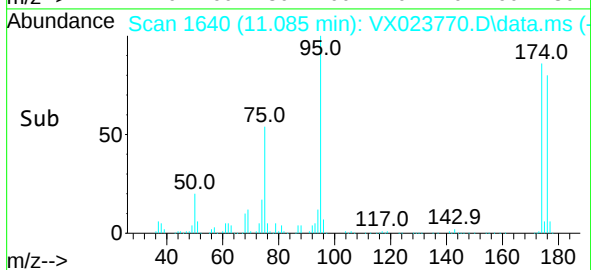
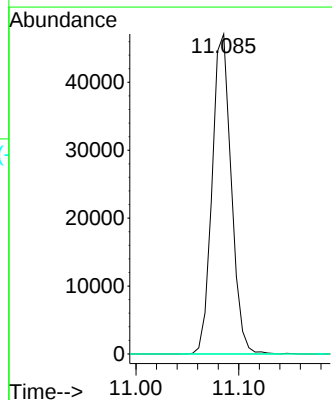
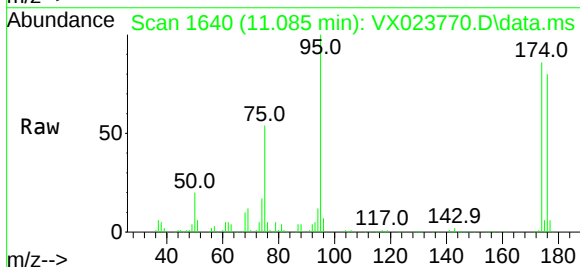
Instrument :
MSVOA_X
ClientSampleId :
PB138432TB

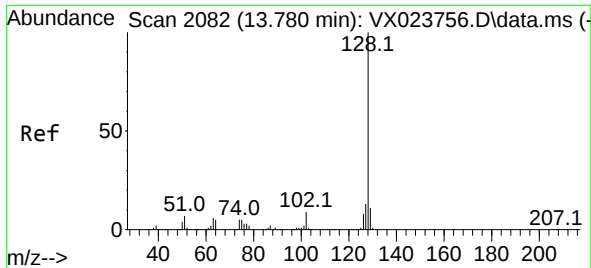
Tgt Ion: 75 Resp: 60852
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.839 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

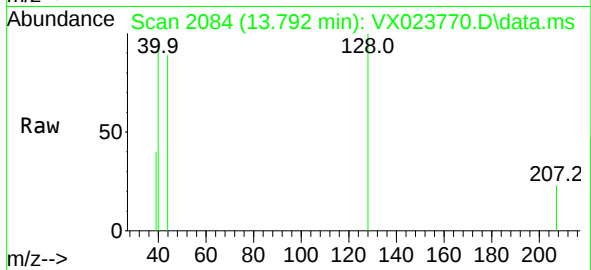
Tgt Ion: 75 Resp: 60852
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.318 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX023770.D
Acq: 17 Aug 2021 18:03

Instrument :
MSVOA_X
ClientSampleId :
PB138432TB



Tgt Ion:128 Resp: 278
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

