

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030806.D
 Acq On : 26 Aug 2022 05:44
 Operator : JC/MD
 Sample : N4262-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Aug 26 07:49:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

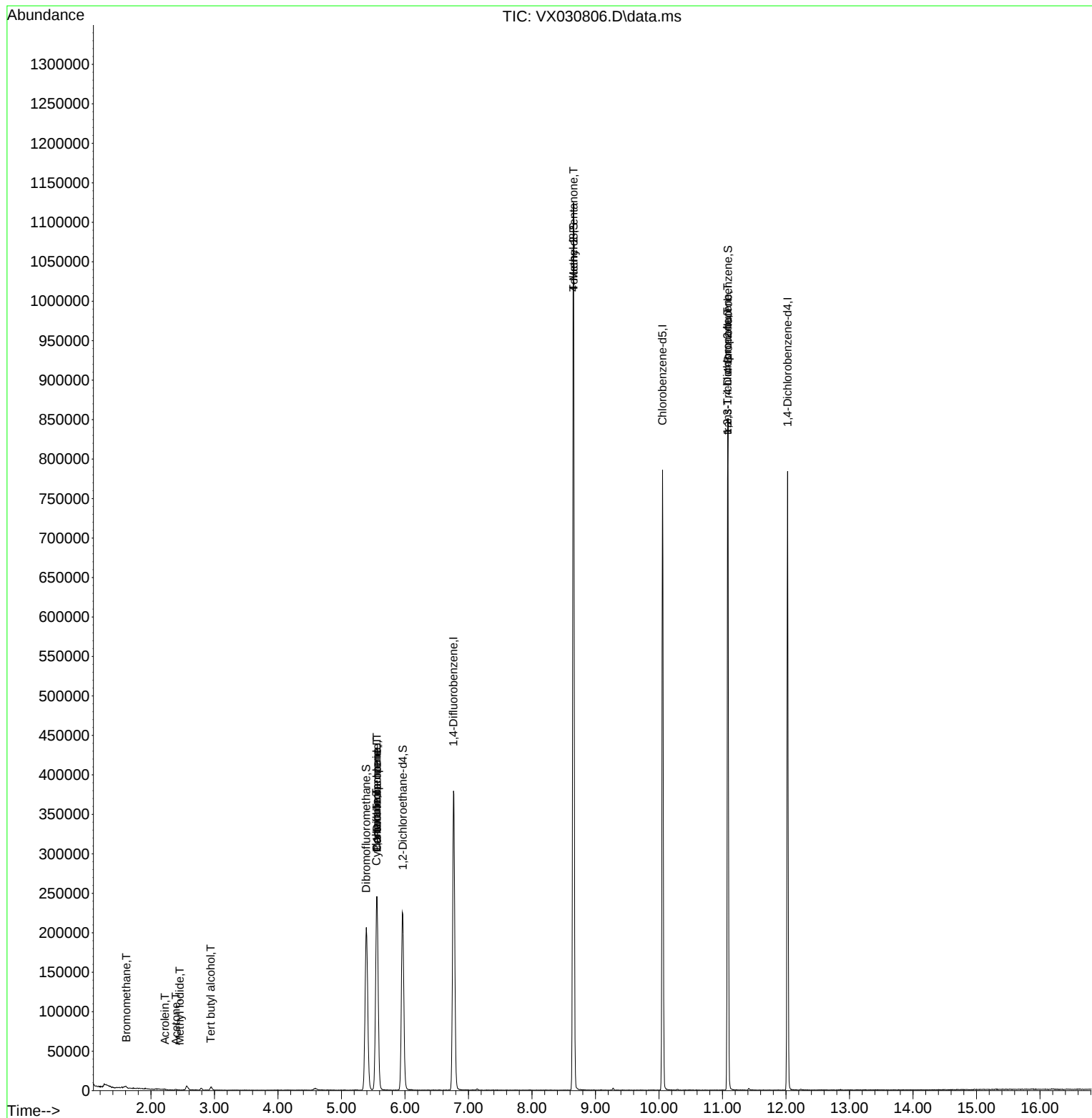
Internal Standards						
1) Pentafluorobenzene	5.556	168	237205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	215220	77.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 154.280%#			
35) Dibromofluoromethane	5.385	113	185333	76.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 152.120%#			
50) Toluene-d8	8.653	98	675889	79.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 159.200%#			
62) 4-Bromofluorobenzene	11.085	95	227343	71.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 143.820%#			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	307	Below Cal	#	42
4) Vinyl Chloride	1.587	62	38	Below Cal	#	43
5) Bromomethane	1.612	94	256	0.232	ug/l	96
6) Chloroethane	1.673	64	254	Below Cal	#	41
10) Methyl Iodide	2.453	142	45	4.051	ug/l	# 45
11) Tert butyl alcohol	2.941	59	2211	3.650	ug/l	# 74
13) Acrolein	2.221	56	42	10.128	ug/l	# 14
16) Acetone	2.392	43	926	0.718	ug/l	99
17) Carbon Disulfide	2.508	76	242	Below Cal	#	74
20) Methylene Chloride	2.788	84	1370	Below Cal	#	87
31) Cyclohexane	5.550	56	4698	1.317	ug/l	# 2
36) 1,1-Dichloropropene	5.556	75	17986	5.420	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	23179	6.622	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.653	43	2645	0.662	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	112976	32.361	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	112976	104.409	ug/l	# 13

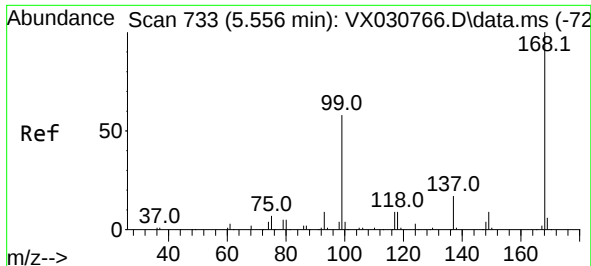
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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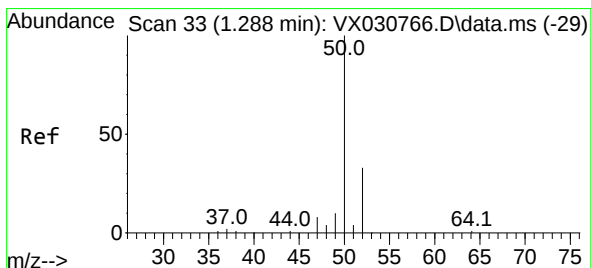
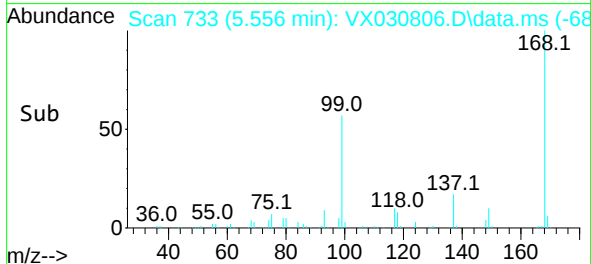
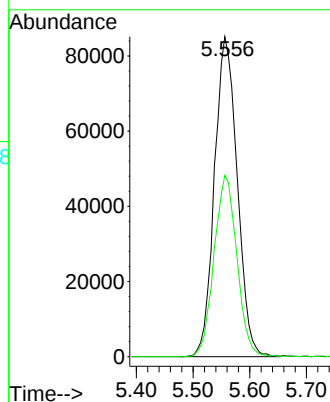
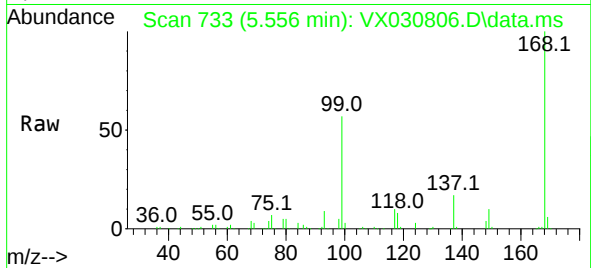




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

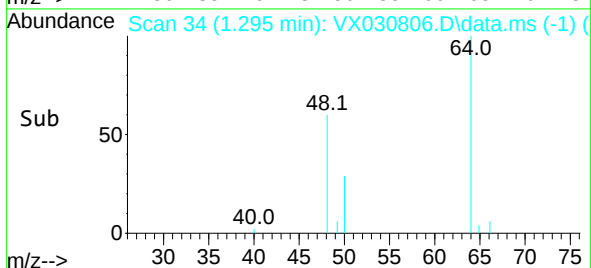
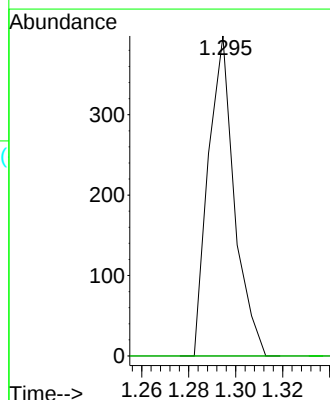
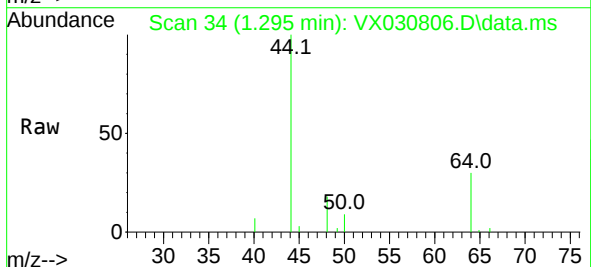
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

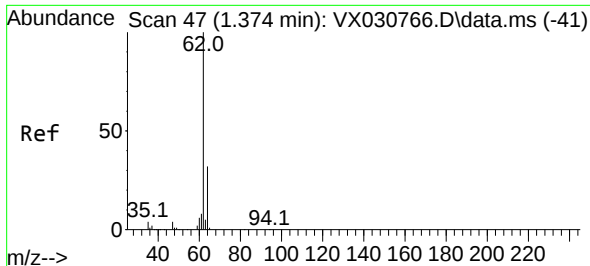
Tgt Ion:168 Resp: 237205
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

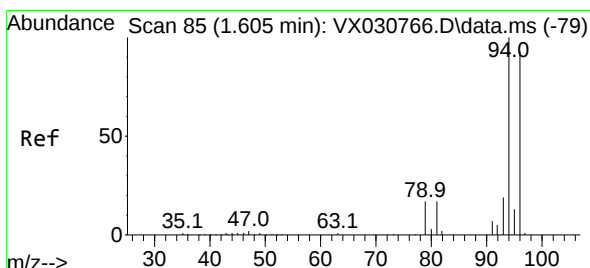
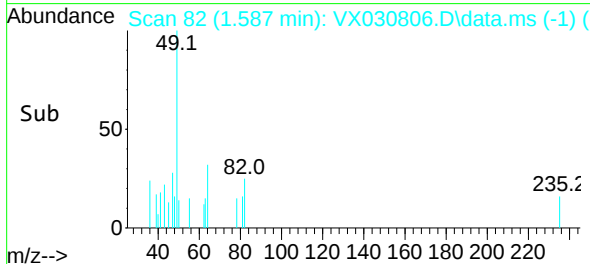
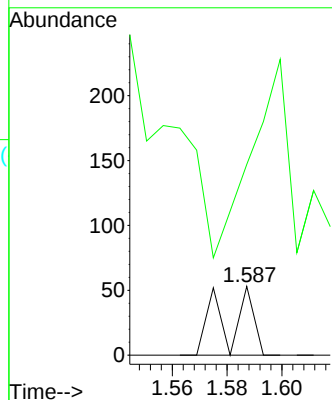
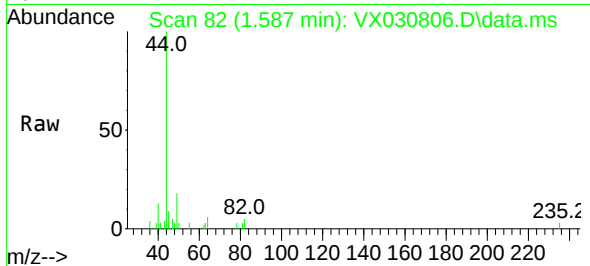




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.587 min Scan# 81
 Delta R.T. 0.213 min
 Lab File: VX030806.D
 Acq: 26 Aug 2022 05:44

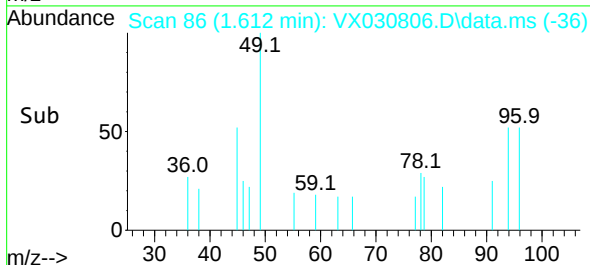
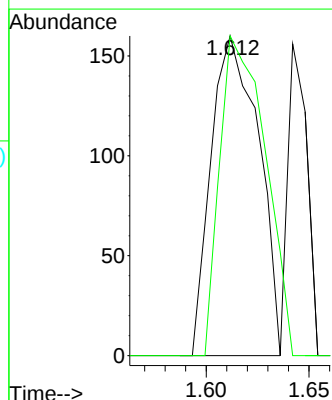
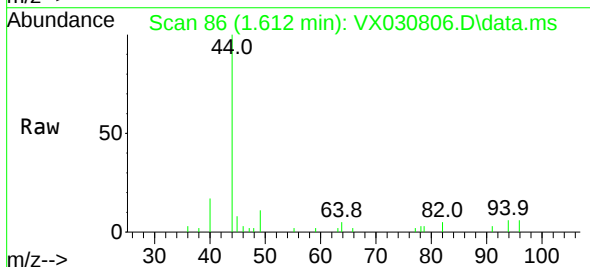
Instrument :
 MSVOA_X
 ClientSampleId :
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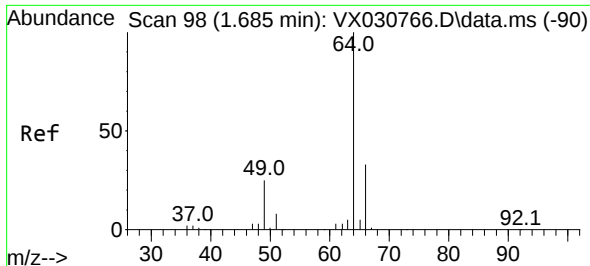
Tgt Ion: 62 Resp: 38
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.232 ug/l
 RT: 1.612 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030806.D
 Acq: 26 Aug 2022 05:44

Tgt Ion: 94 Resp: 256
 Ion Ratio Lower Upper
 94 100
 96 100.0 76.9 115.3

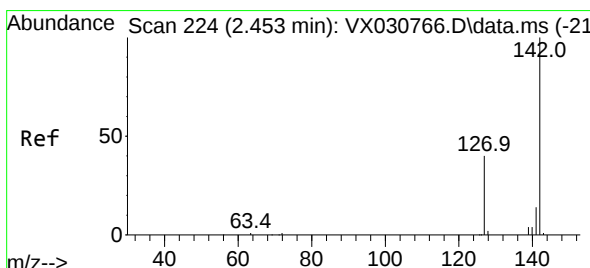
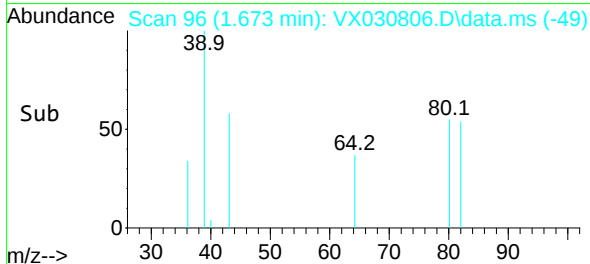
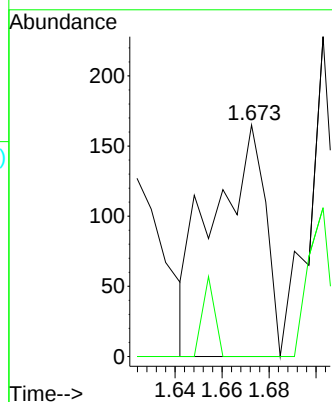
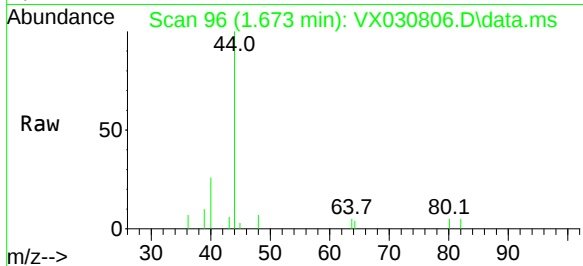




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

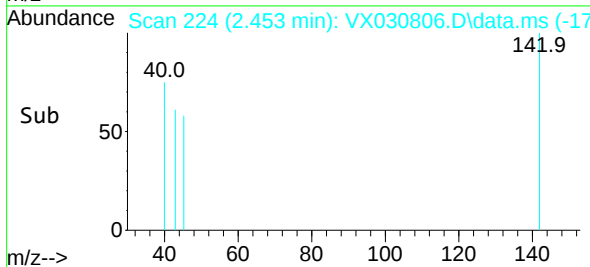
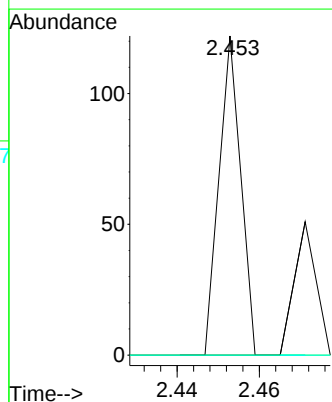
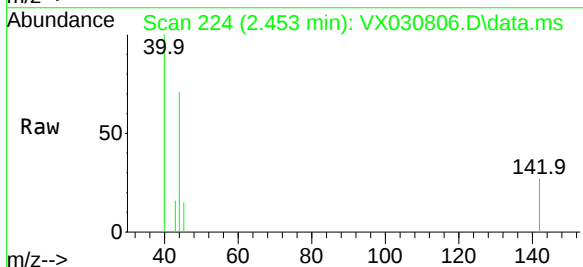
Instrument :
MSVOA_X
ClientSampleId :
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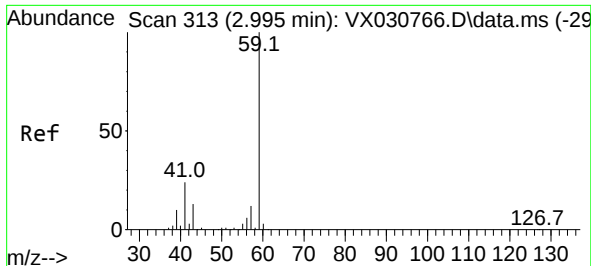
Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.051 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Tgt Ion: 142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

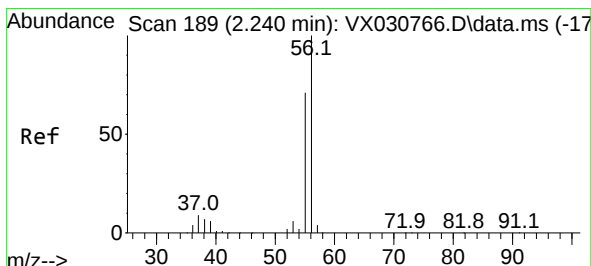
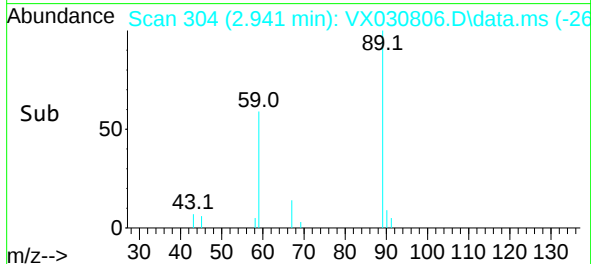
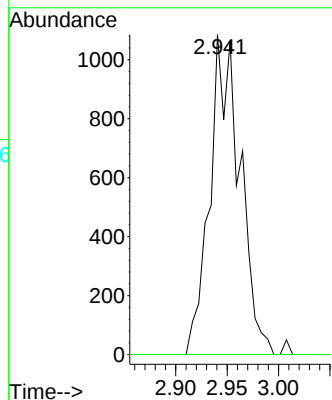
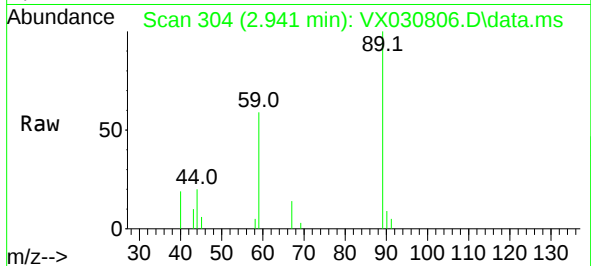




#11
Tert butyl alcohol
Concen: 3.650 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

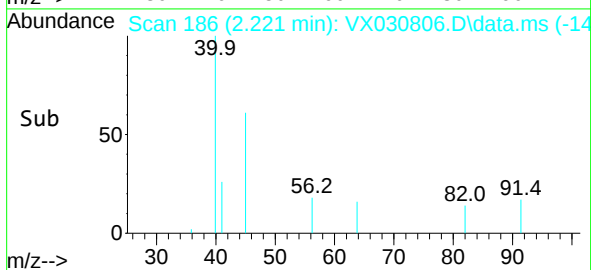
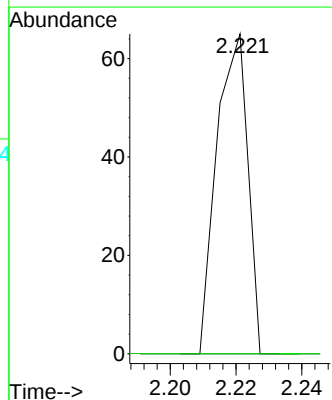
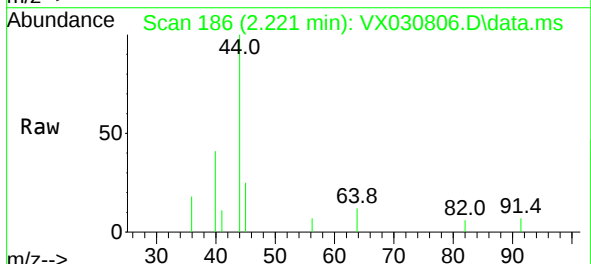
Instrument :
MSVOA_X
ClientSampleId :
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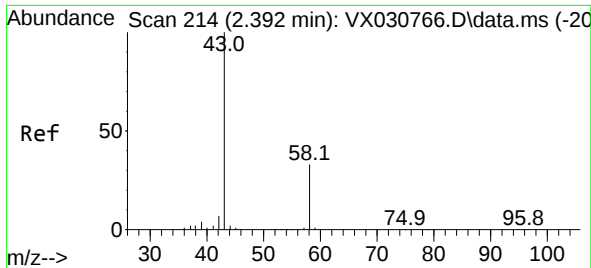
Tgt Ion: 59 Resp: 2211
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 10.128 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.019 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

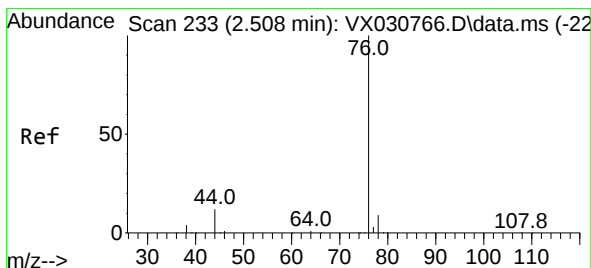
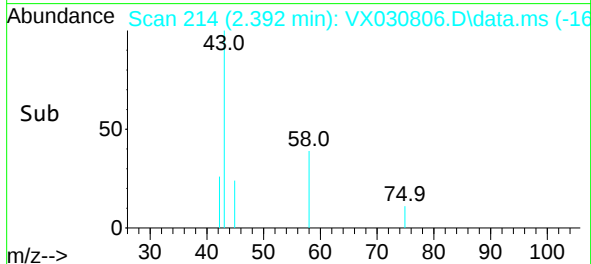
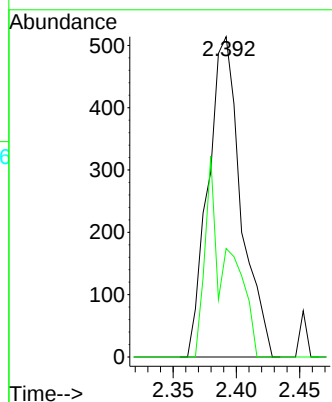
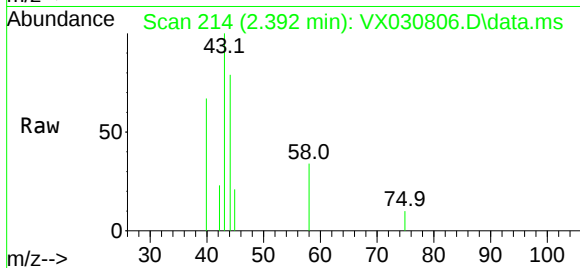




#16
Acetone
Concen: 0.718 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

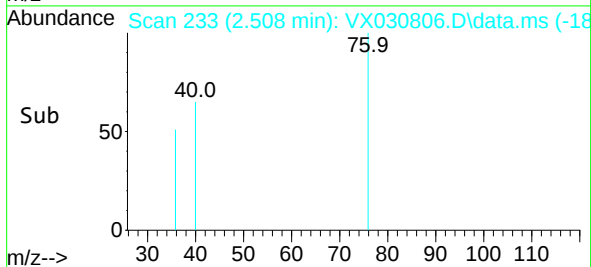
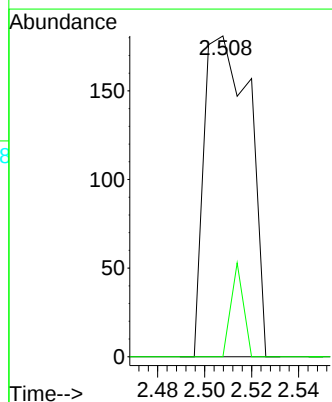
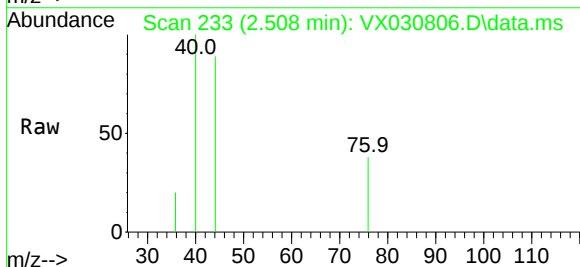
Instrument :
MSVOA_X
ClientSampleId :
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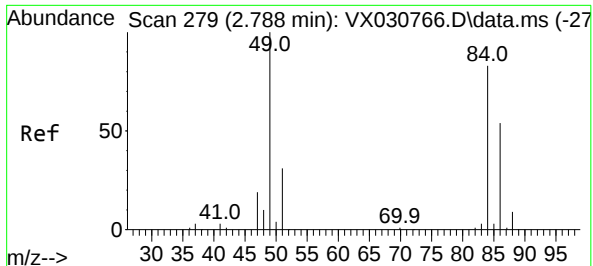
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 33.9 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

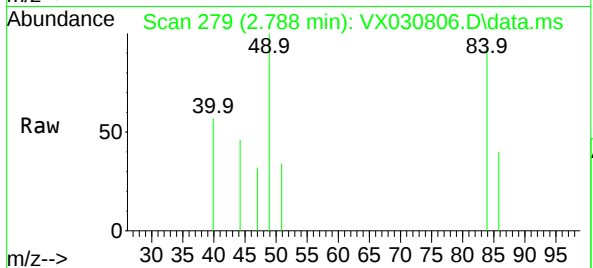
Tgt Ion: 76 Resp: 242
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



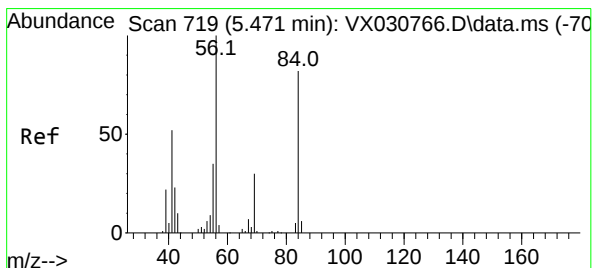
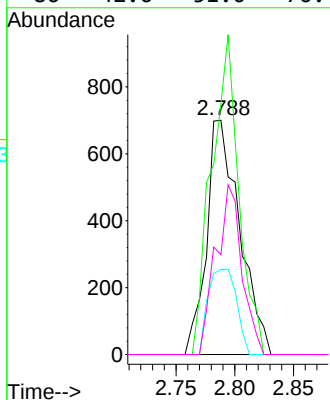
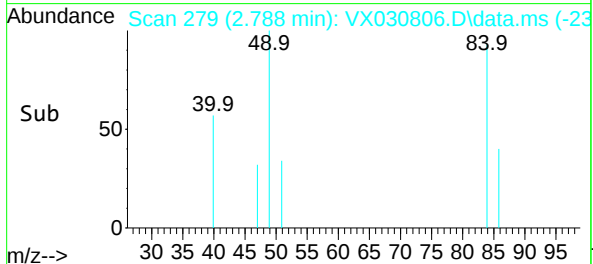


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

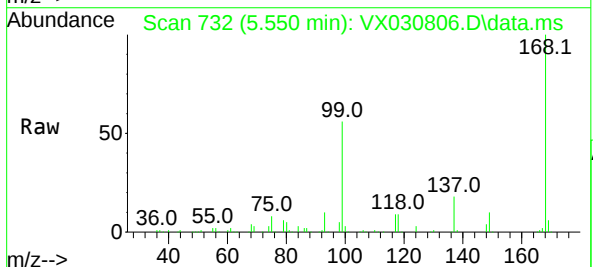
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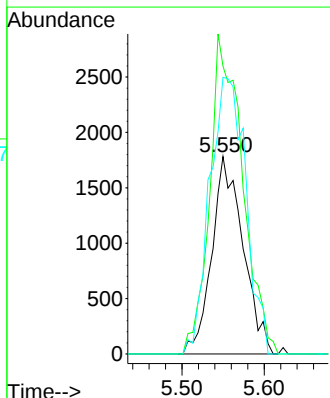
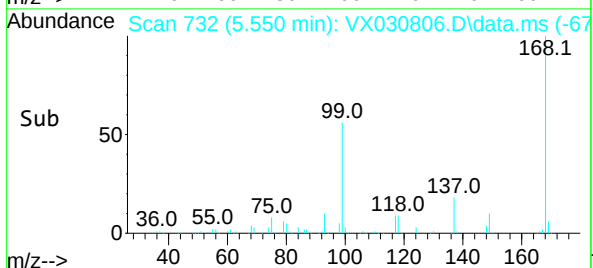
Tgt Ion:	84	Resp:	1370
Ion	Ratio	Lower	Upper
84	100		
49	107.0	93.8	140.6
51	36.3	29.4	44.0
86	42.6	51.0	76.4

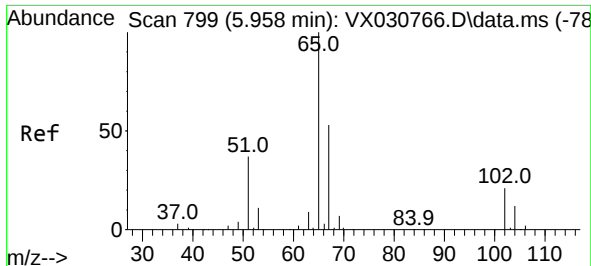


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44



Tgt Ion:	56	Resp:	4698
Ion	Ratio	Lower	Upper
56	100		
69	145.8	25.4	38.0
84	140.1	68.9	103.3





#33

1,2-Dichloroethane-d4

Concen: 77.135 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030806.D

Acq: 26 Aug 2022 05:44

Instrument :

MSVOA_X

ClientSampleId :

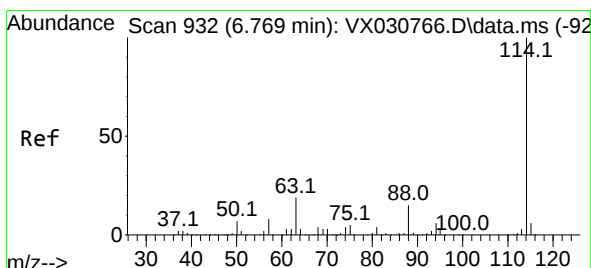
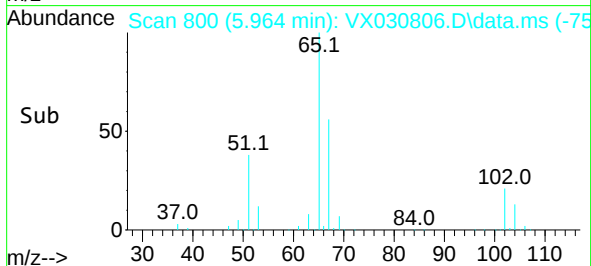
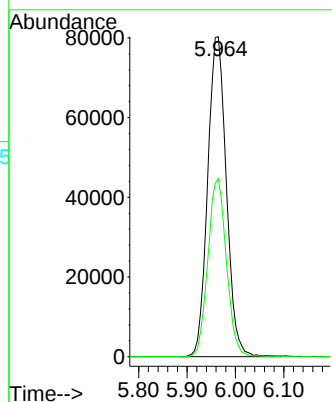
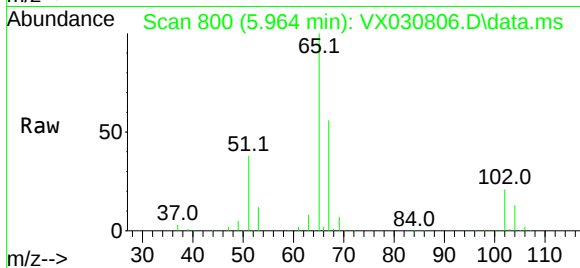
TRIP-BLANK

Tgt Ion: 65 Resp: 215220

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030806.D

Acq: 26 Aug 2022 05:44

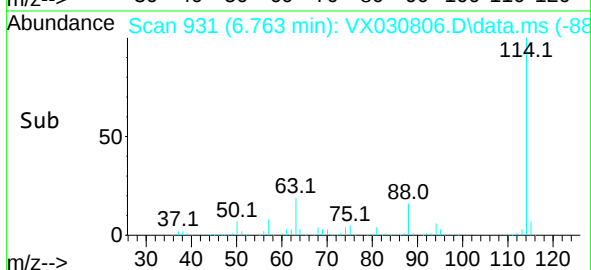
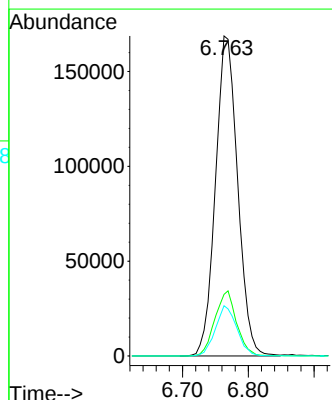
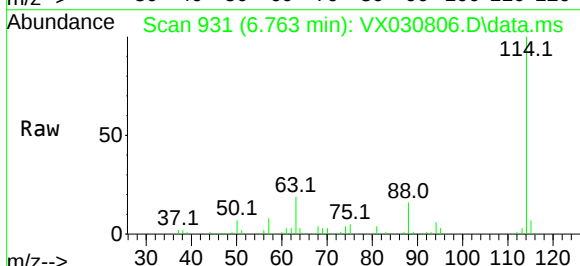
Tgt Ion: 114 Resp: 396489

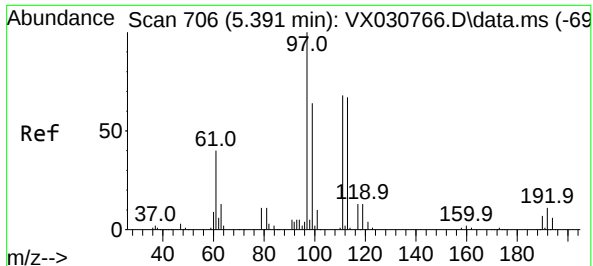
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 76.057 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030806.D

Acq: 26 Aug 2022 05:44

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

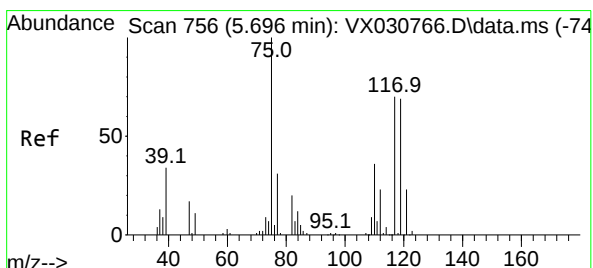
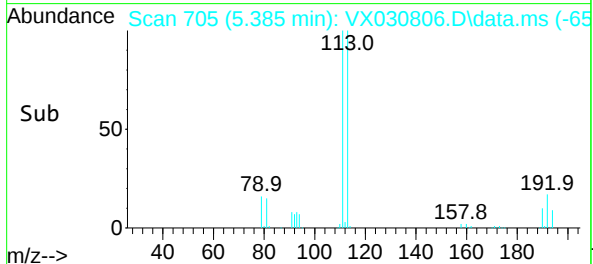
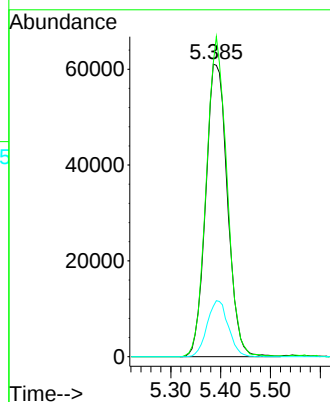
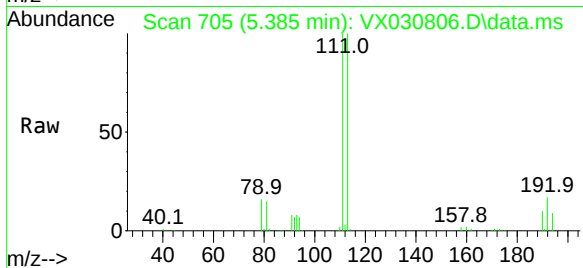
Tgt Ion:113 Resp: 185333

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.420 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030806.D

Acq: 26 Aug 2022 05:44

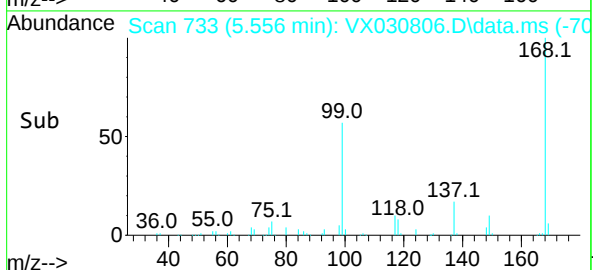
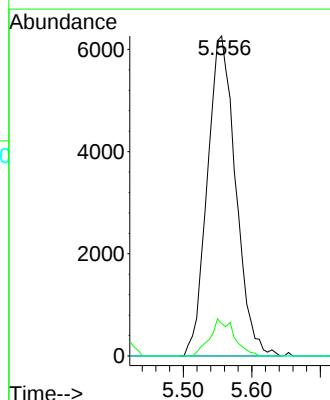
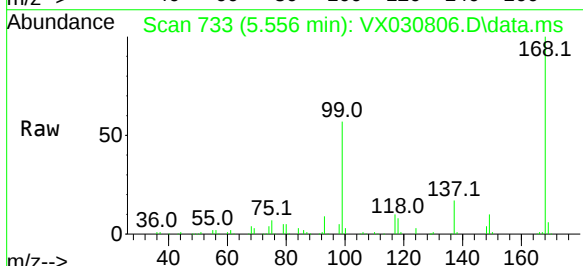
Tgt Ion: 75 Resp: 17986

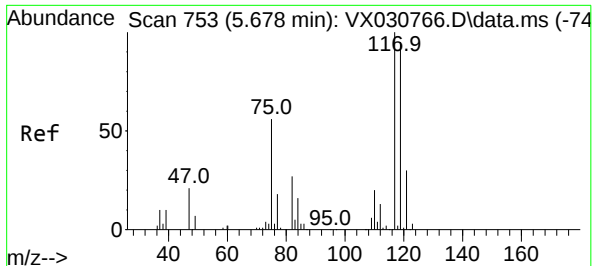
Ion Ratio Lower Upper

75 100

110 9.9 19.3 57.9#

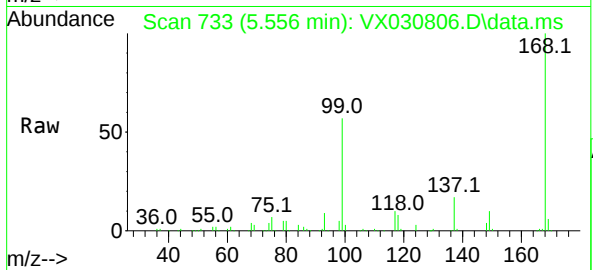
77 0.0 24.4 36.6#



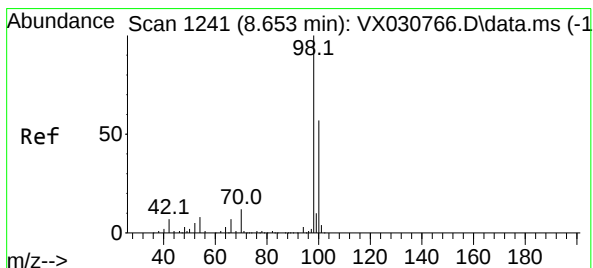
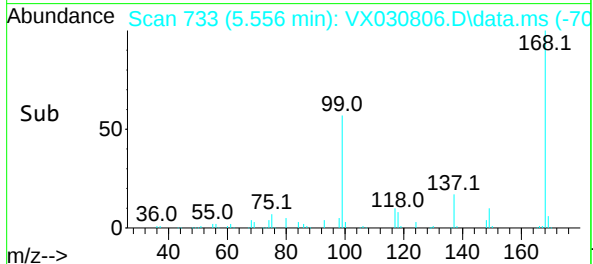
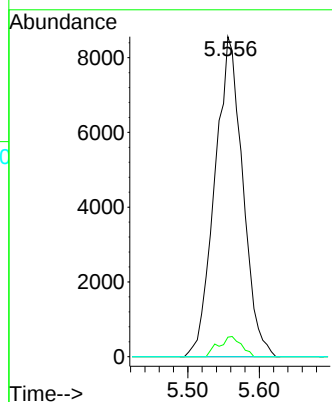


#38
Carbon Tetrachloride
Concen: 6.622 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Instrument :
MSVOA_X
ClientSampleId :
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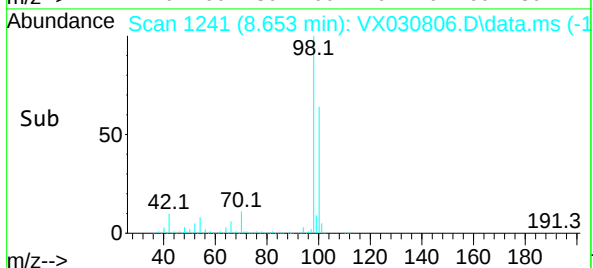
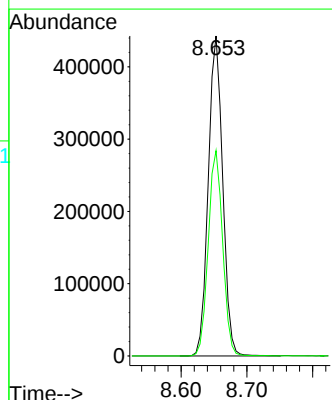
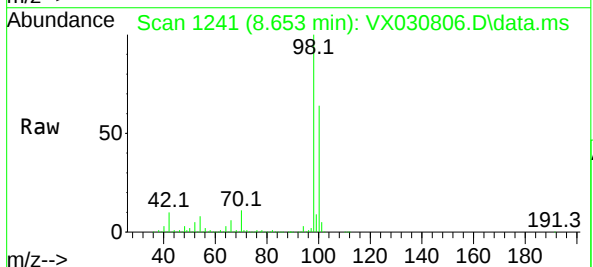


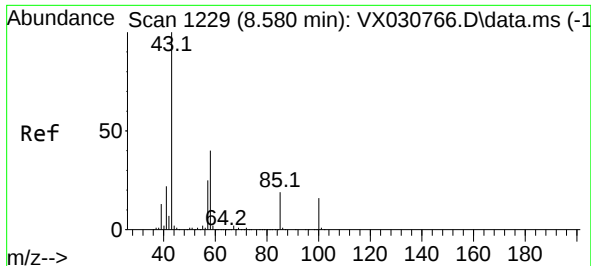
Tgt Ion:117 Resp: 23179
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 79.598 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Tgt Ion: 98 Resp: 675889
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.662 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX030806.D

Acq: 26 Aug 2022 05:44

Instrument :

MSVOA_X

ClientSampleId :

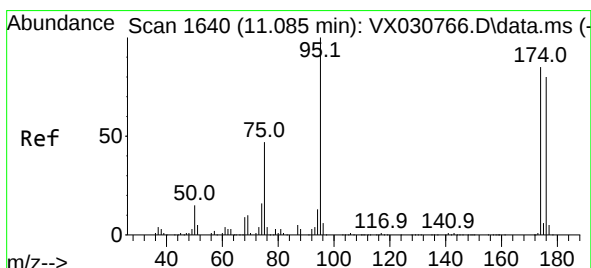
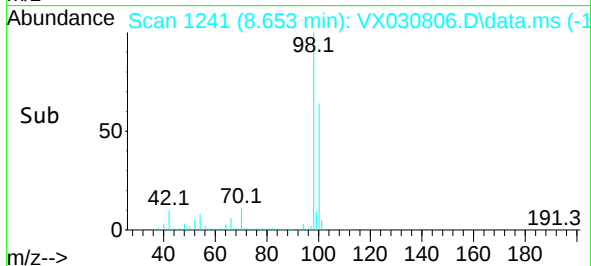
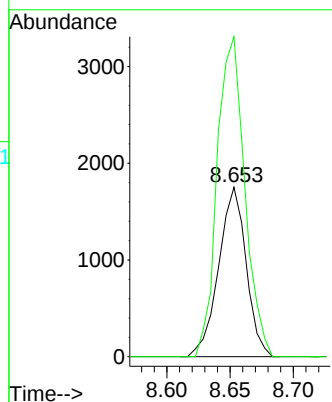
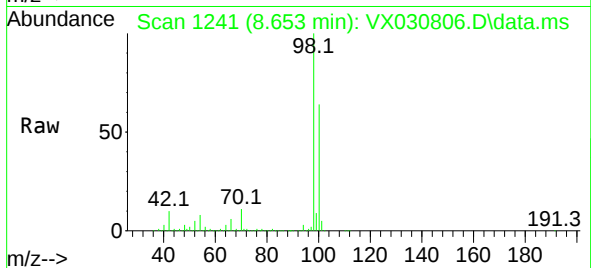
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Tgt Ion: 43 Resp: 2645

Ion Ratio Lower Upper

43 100

58 189.6 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 71.914 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030806.D

Acq: 26 Aug 2022 05:44

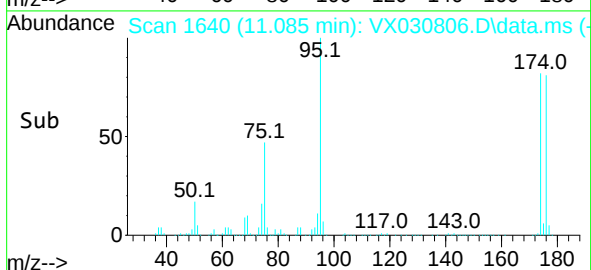
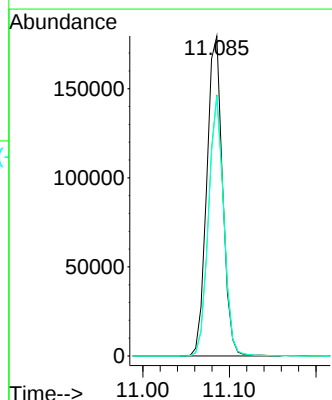
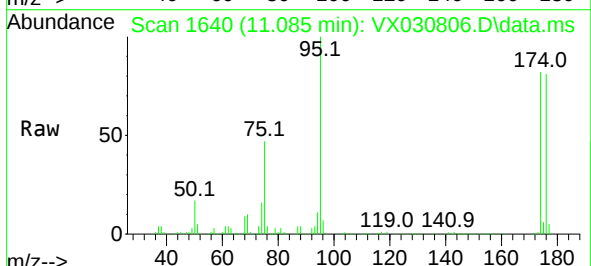
Tgt Ion: 95 Resp: 227343

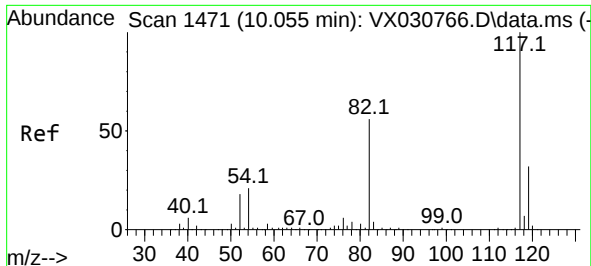
Ion Ratio Lower Upper

95 100

174 79.0 0.0 149.0

176 77.7 0.0 146.0

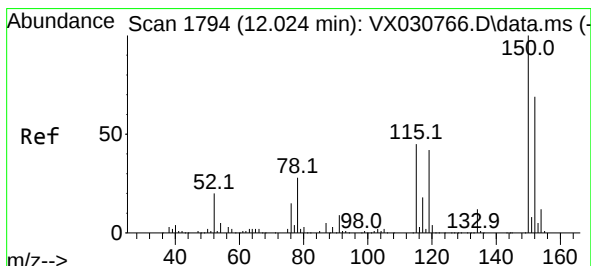
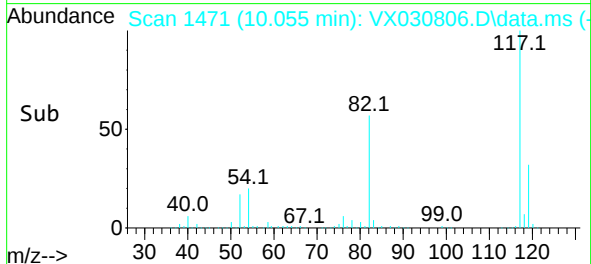
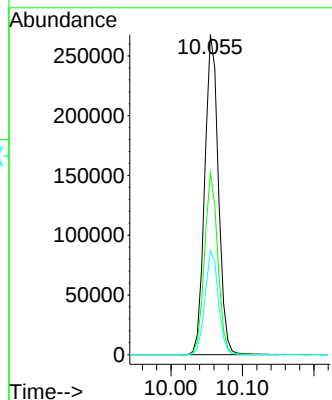
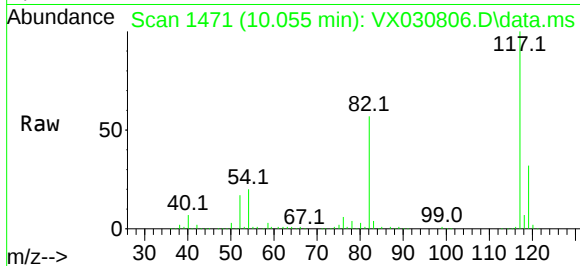




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

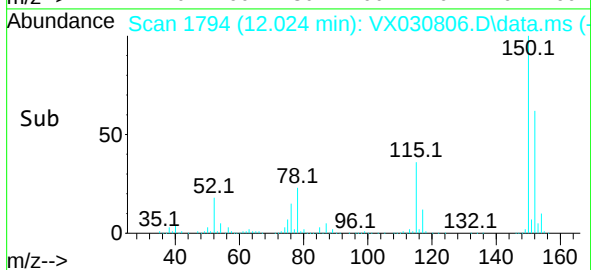
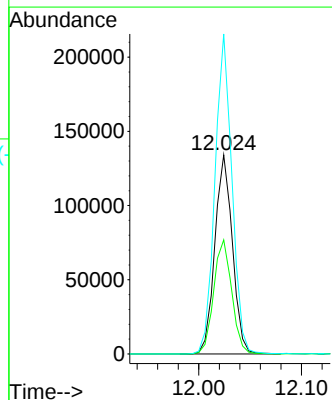
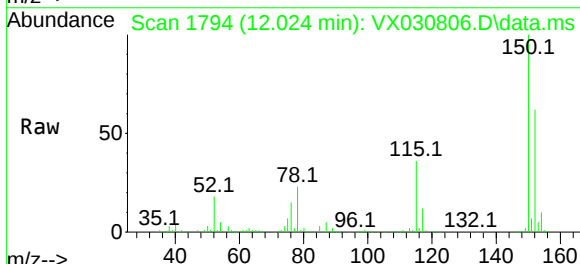
Instrument :
MSVOA_X
ClientSampleId :
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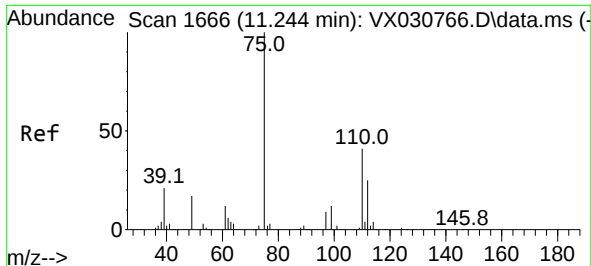
Tgt Ion:117 Resp: 356172
Ion Ratio Lower Upper
117 100
82 56.9 42.7 64.1
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Tgt Ion:152 Resp: 159350
Ion Ratio Lower Upper
152 100
115 58.8 40.5 121.5
150 156.0 0.0 347.0

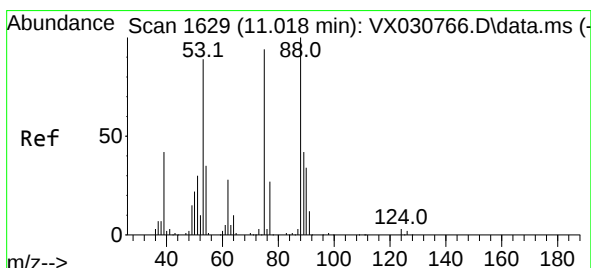
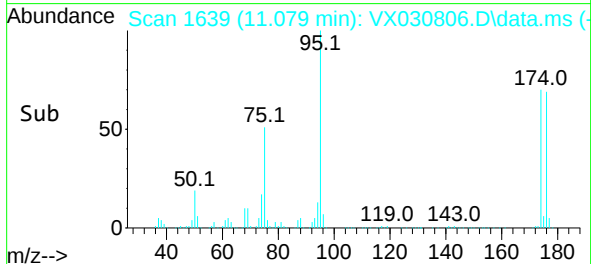
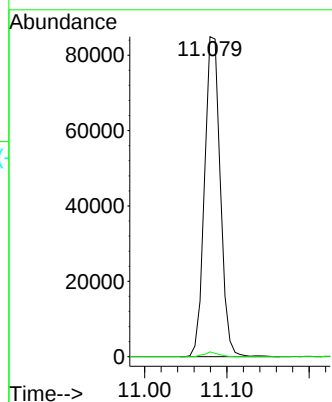
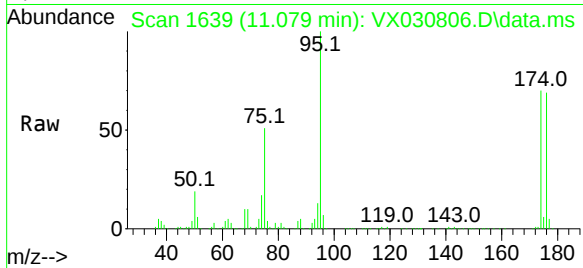




#76
1,2,3-Trichloropropane
Concen: 32.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 112976
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030806.D
Acq: 26 Aug 2022 05:44

Tgt Ion: 75 Resp: 112976
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

