

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030793.D
 Acq On : 26 Aug 2022 00:39
 Operator : JC/MD
 Sample : N4245-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20220816

Quant Time: Aug 26 02:43:53 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)

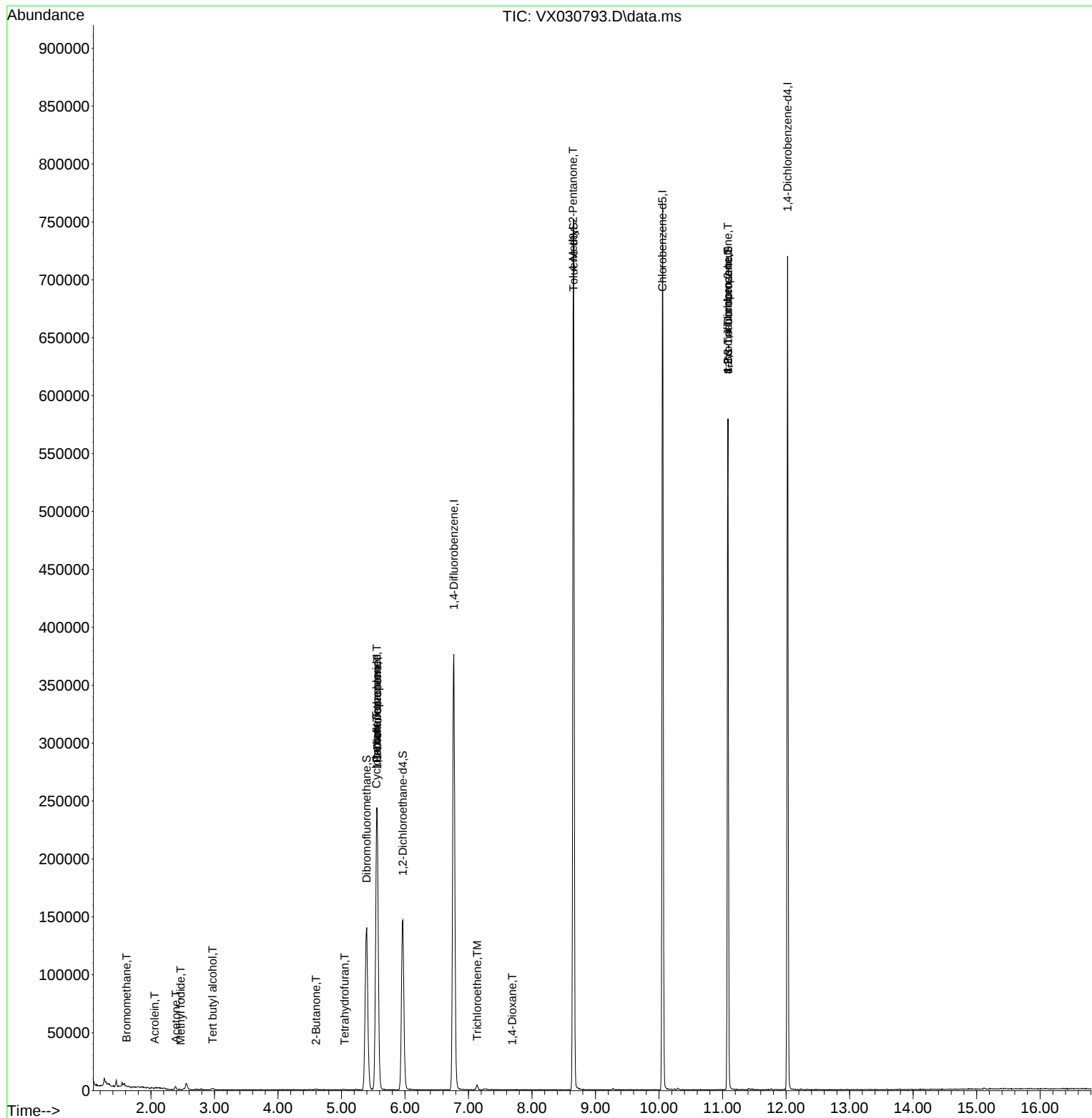
Internal Standards						
1) Pentafluorobenzene	5.556	168	237174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	398345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140236	50.267	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.540%	
35) Dibromofluoromethane	5.397	113	129059	52.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.440%	
50) Toluene-d8	8.653	98	461998	54.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.320%	
62) 4-Bromofluorobenzene	11.085	95	153556	48.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.700%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	383	Below Cal	#	42
5) Bromomethane	1.618	94	350	0.317	ug/l #	79
6) Chloroethane	1.672	64	339	Below Cal	#	41
10) Methyl Iodide	2.465	142	337	4.190	ug/l #	71
11) Tert butyl alcohol	2.971	59	1718	2.837	ug/l #	85
13) Acrolein	2.056	56	40	10.124	ug/l	93
16) Acetone	2.392	43	2982	2.313	ug/l #	85
17) Carbon Disulfide	2.514	76	1388	Below Cal	#	74
20) Methylene Chloride	2.794	84	439	Below Cal		96
25) 2-Butanone	4.599	43	466	0.224	ug/l #	48
29) Tetrahydrofuran	5.050	42	513	0.378	ug/l #	39
31) Cyclohexane	5.550	56	4710	1.320	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	18054	5.416	ug/l #	48
38) Carbon Tetrachloride	5.556	117	23859	6.785	ug/l #	18
44) Trichloroethene	7.135	130	1547	0.537	ug/l	99
49) 1,4-Dioxane	7.690	88	198	2.705	ug/l #	35
51) 4-Methyl-2-Pentanone	8.647	43	1817	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	75271	23.746	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	75271	76.615	ug/l #	13

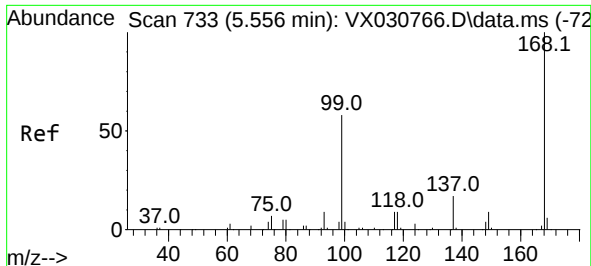
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW8-MW01S-20220816

Quant Time: Aug 26 02:43:53 2022
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Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

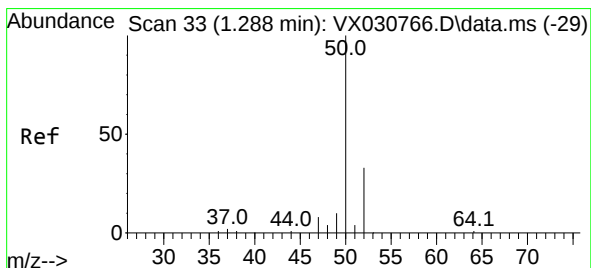
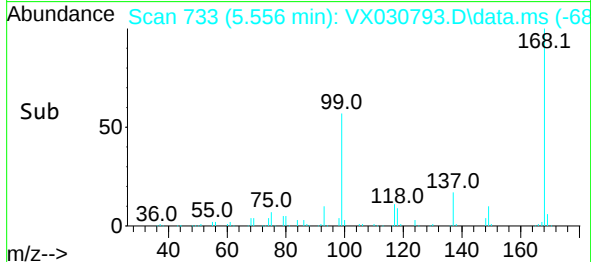
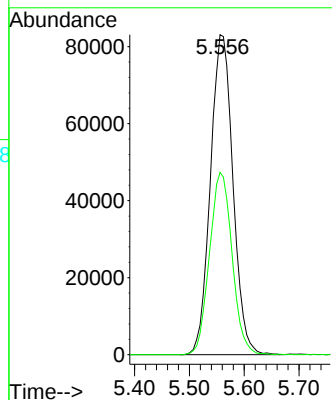
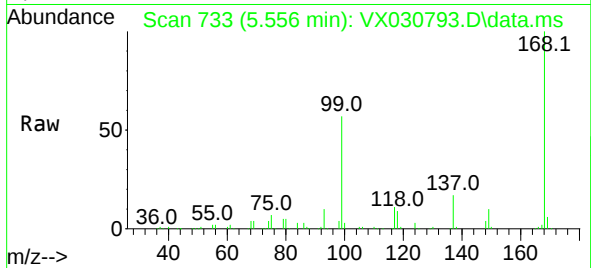




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

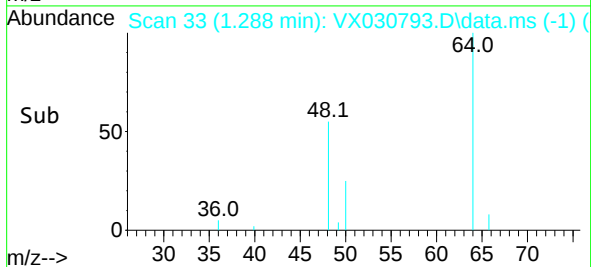
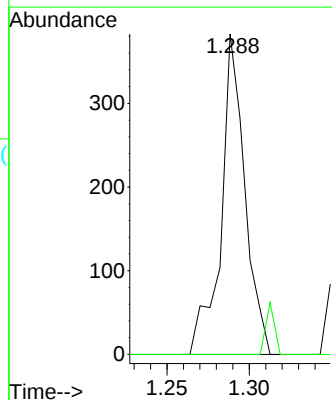
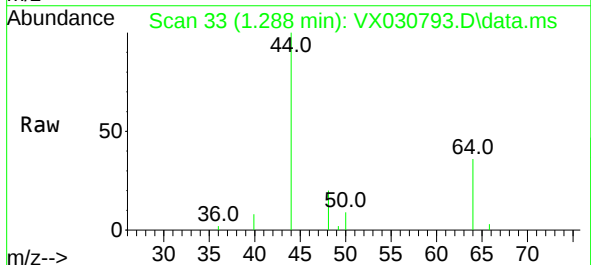
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

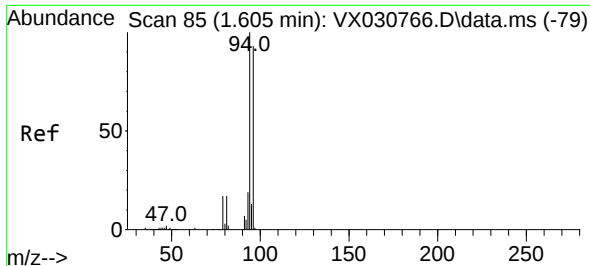
Tgt Ion:168 Resp: 237174
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion: 50 Resp: 383
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

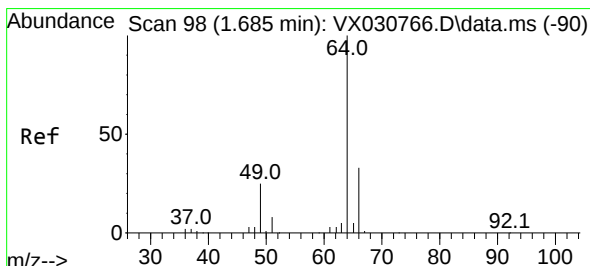
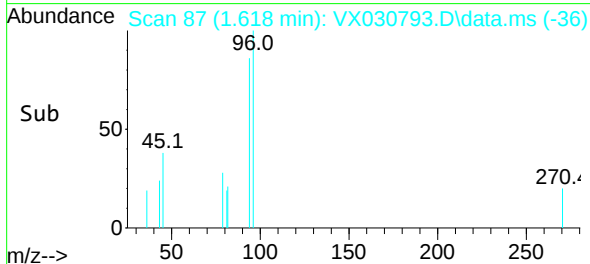
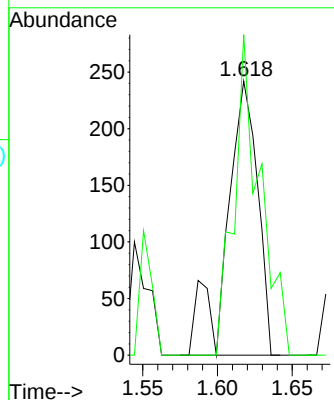
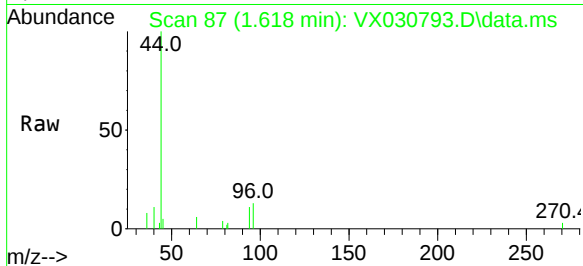




#5
Bromomethane
Concen: 0.317 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

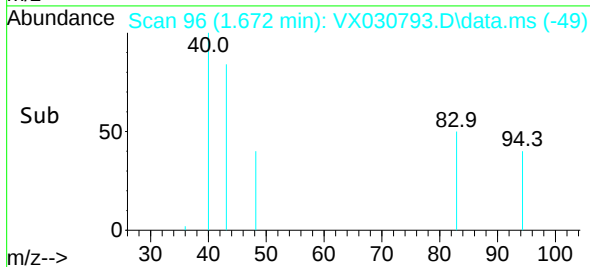
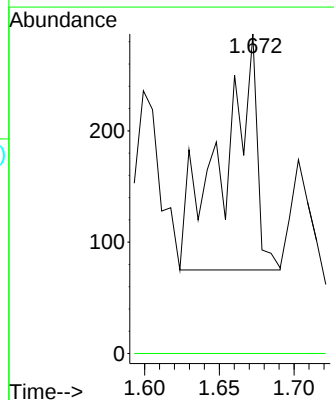
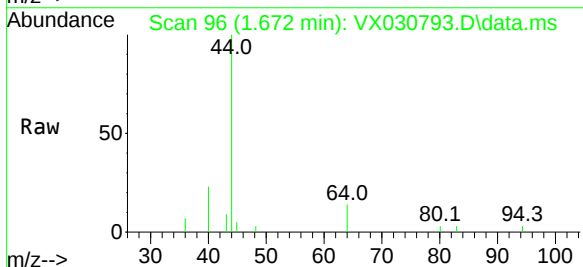
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

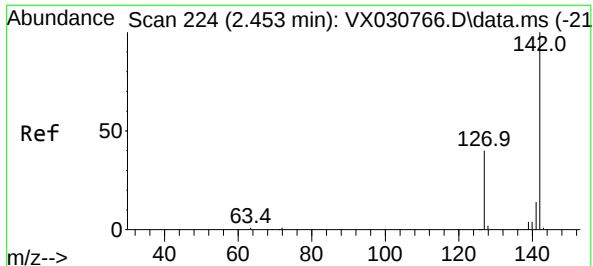
Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 116.9 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

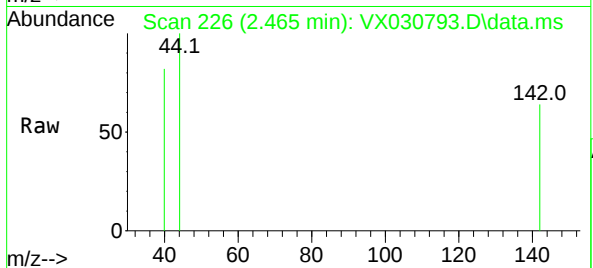
Tgt Ion: 64 Resp: 339
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



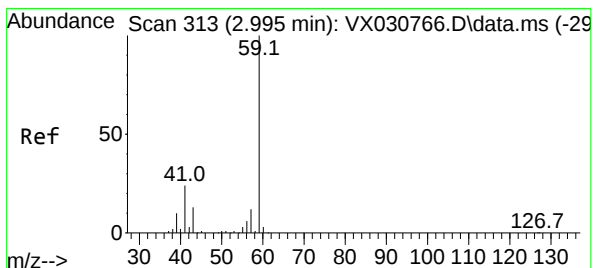
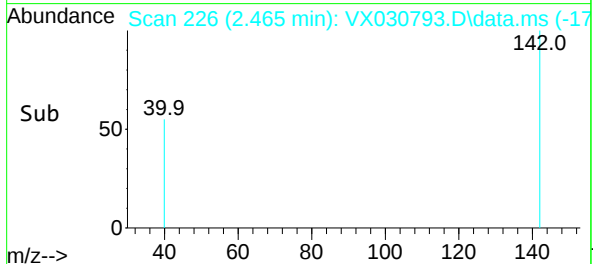
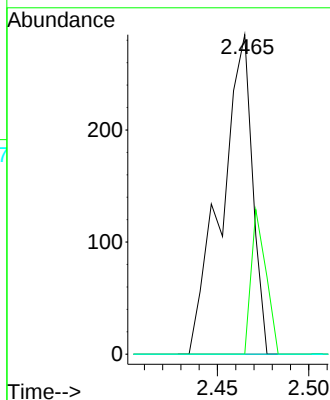


#10
Methyl Iodide
Concen: 4.190 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

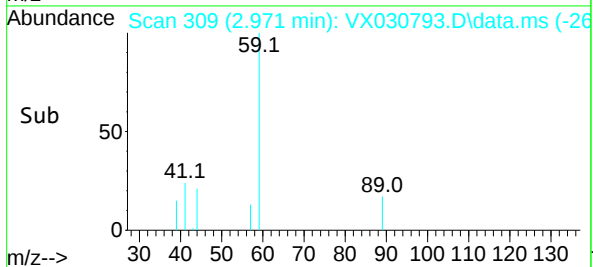
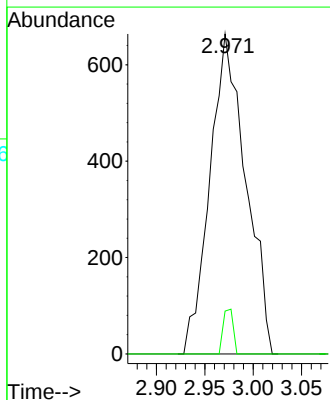
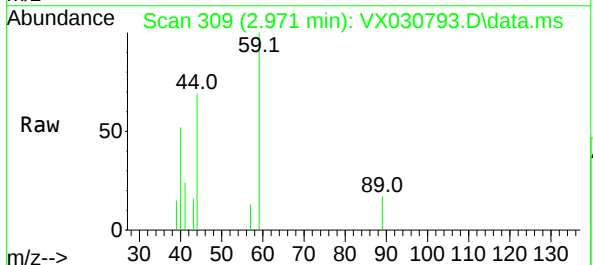


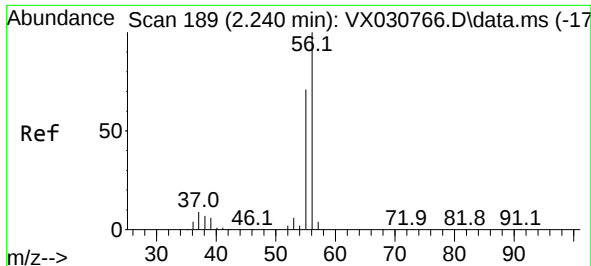
Tgt Ion:142 Resp: 337
Ion Ratio Lower Upper
142 100
127 21.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 2.837 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.025 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion: 59 Resp: 1718
Ion Ratio Lower Upper
59 100
57 3.9 7.4 11.2#

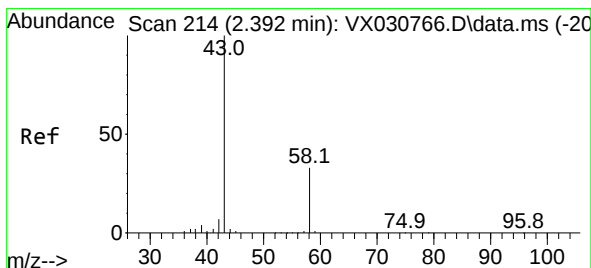
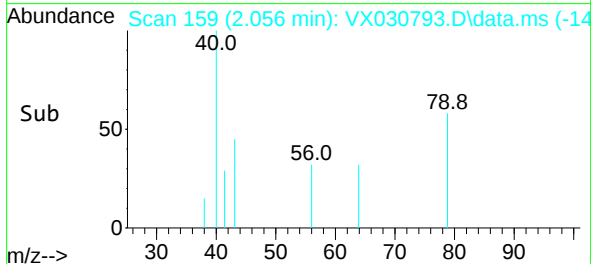
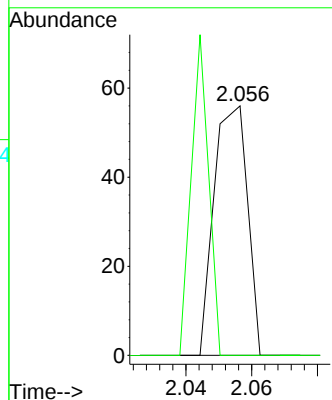
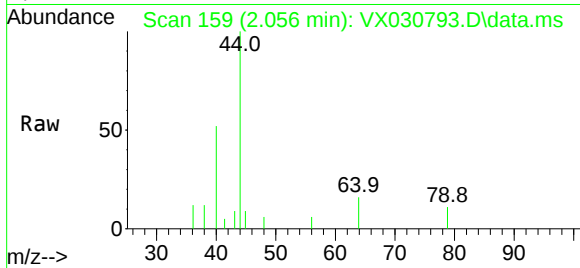




#13
Acrolein
Concen: 10.124 ug/l
RT: 2.056 min Scan# 11
Delta R.T. -0.184 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

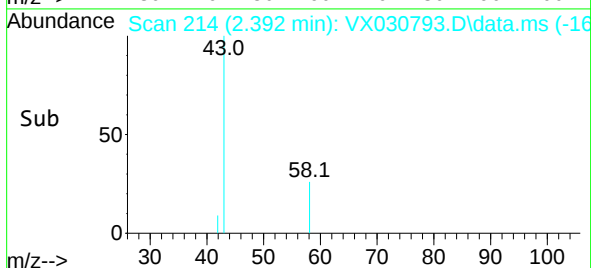
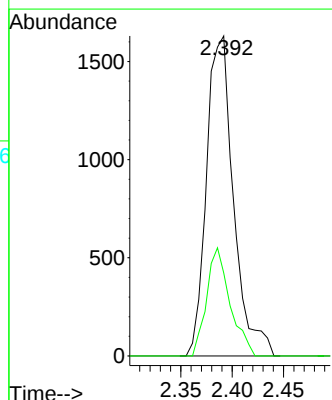
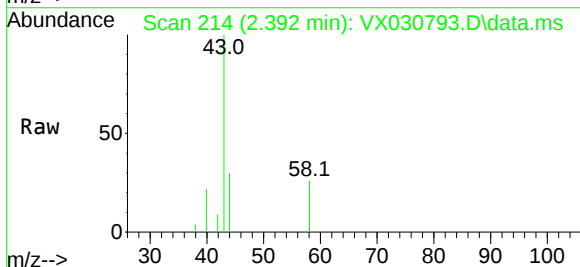
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

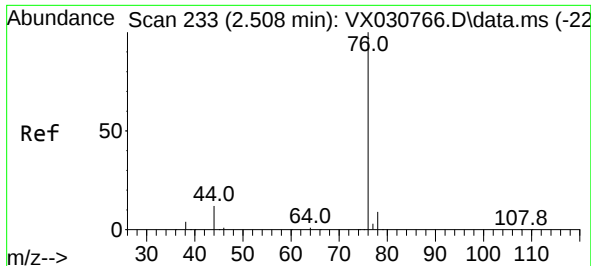
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 65.0 56.6 84.8



#16
Acetone
Concen: 2.313 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
58 26.0 27.7 41.5#

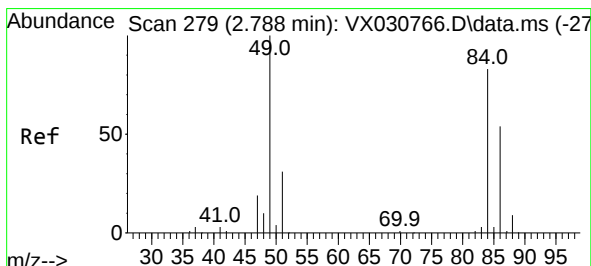
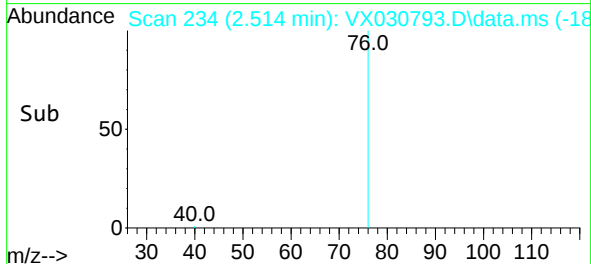
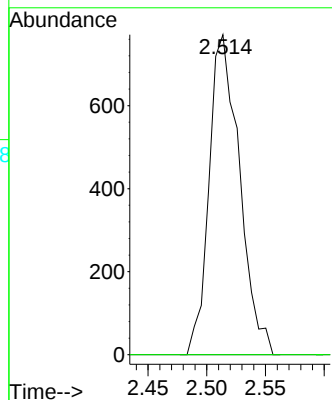
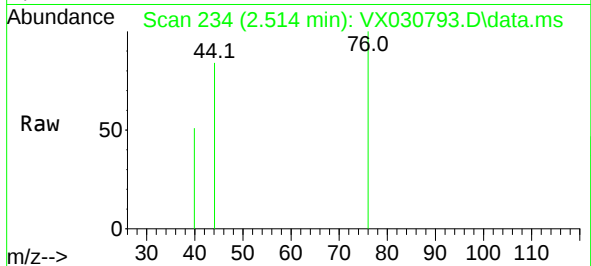




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

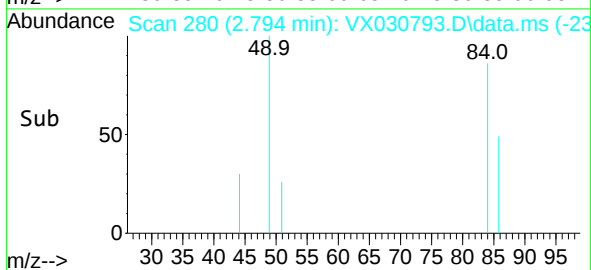
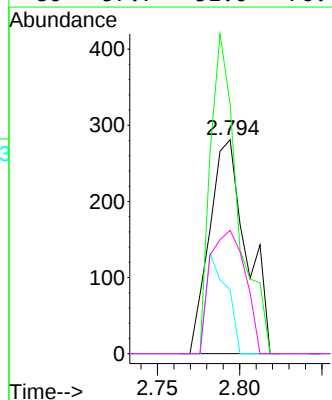
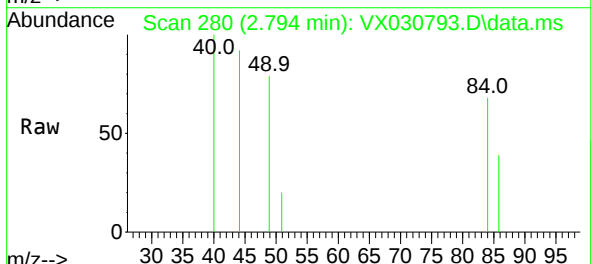
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

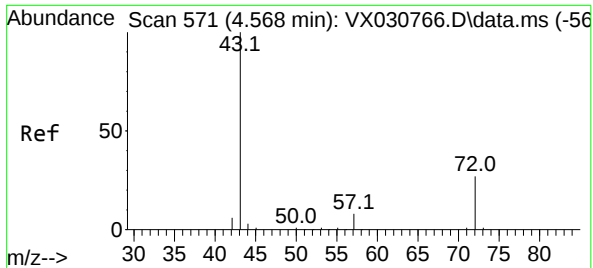
Tgt Ion: 76 Resp: 1388
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion: 84 Resp: 439
Ion Ratio Lower Upper
84 100
49 116.7 93.8 140.6
51 29.9 29.4 44.0
86 57.7 51.0 76.4

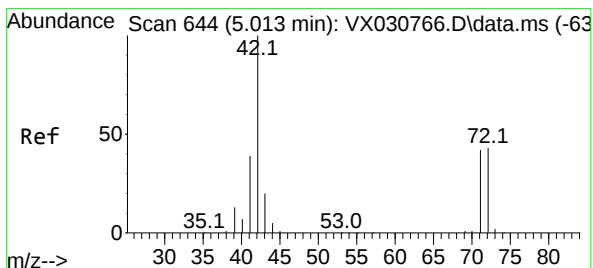
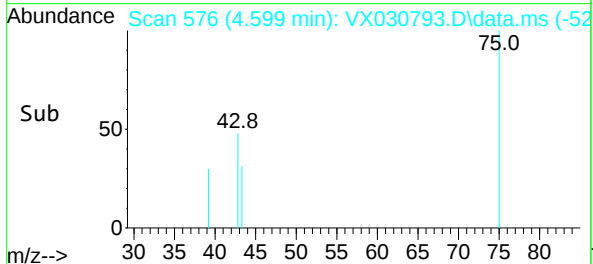
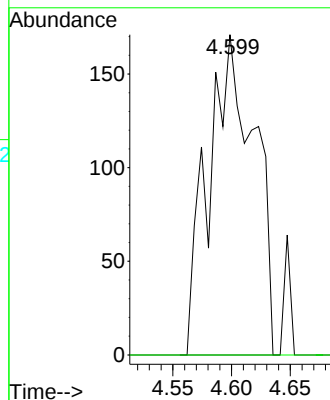
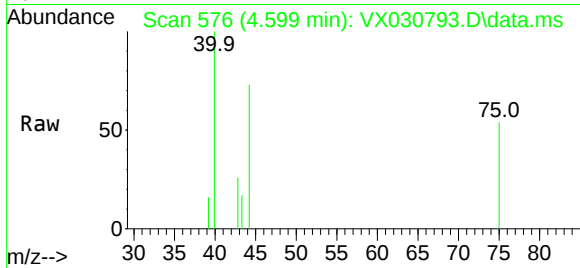




#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

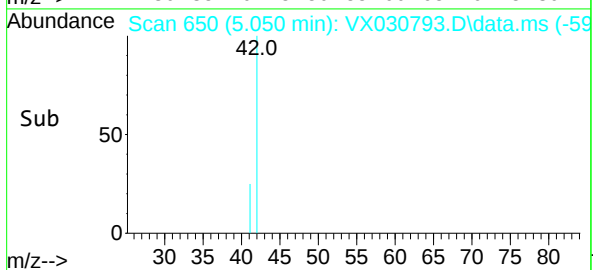
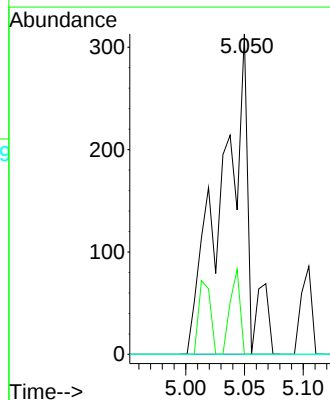
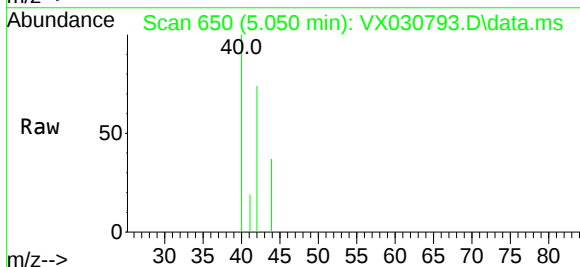
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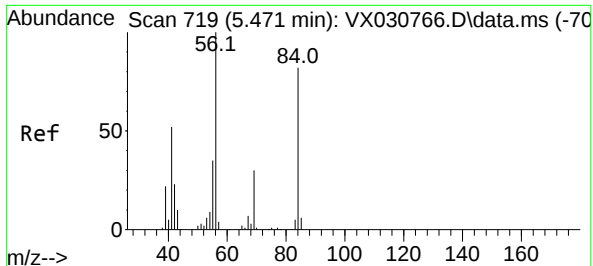
Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.378 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

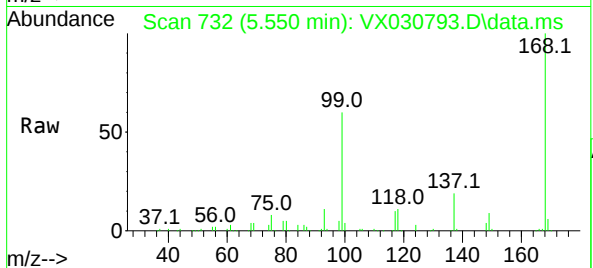
Tgt Ion: 42 Resp: 513
Ion Ratio Lower Upper
42 100
72 9.6 36.5 54.7#
71 0.0 33.9 50.9#



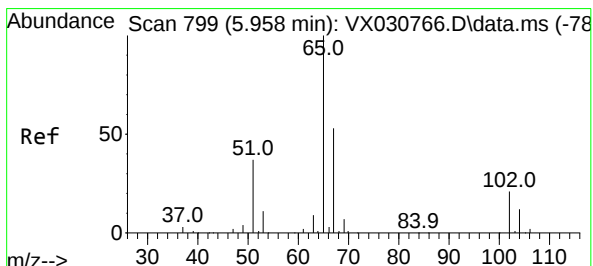
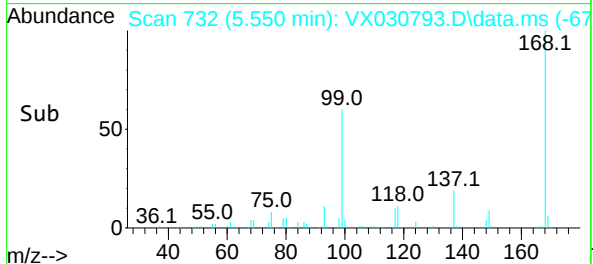
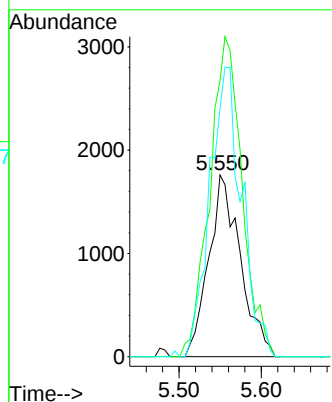


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

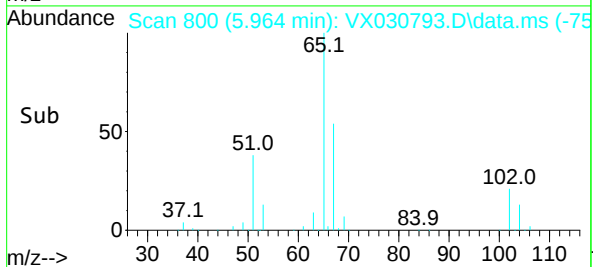
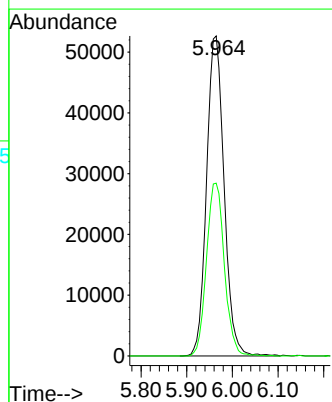
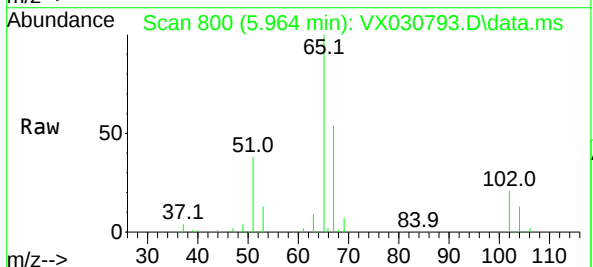


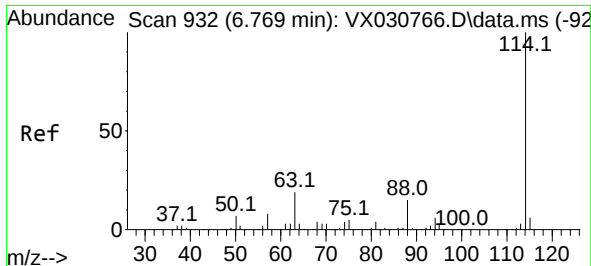
Tgt Ion: 56 Resp: 4710
Ion Ratio Lower Upper
56 100
69 152.0 25.4 38.0#
84 136.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.267 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion: 65 Resp: 140236
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

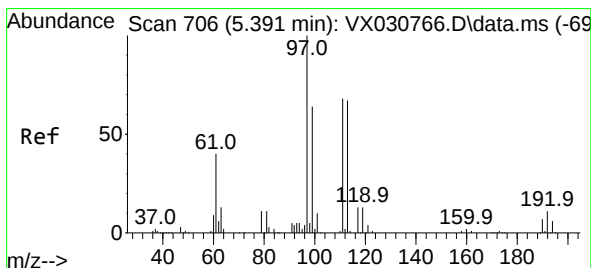
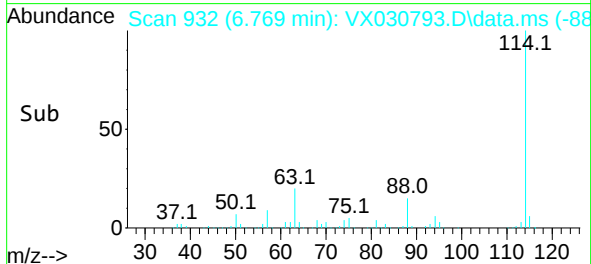
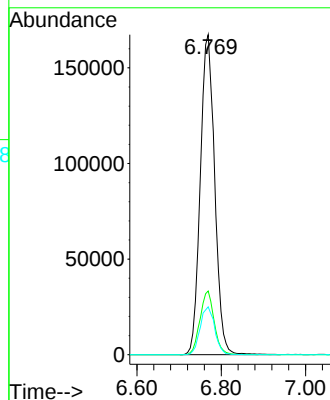
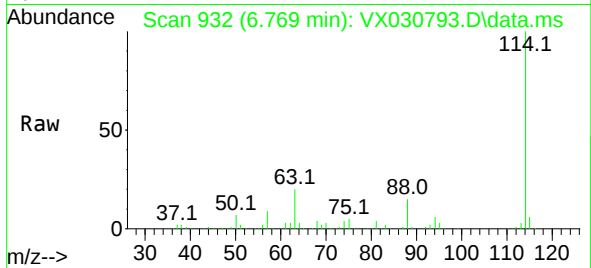




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

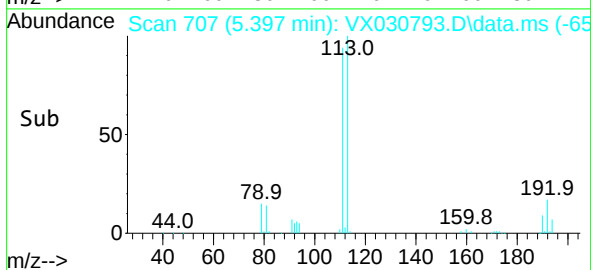
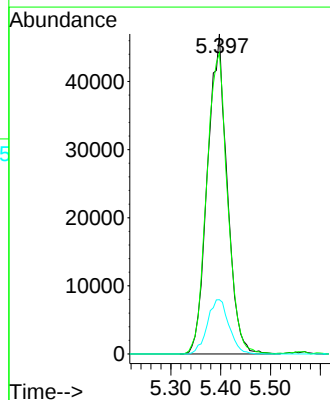
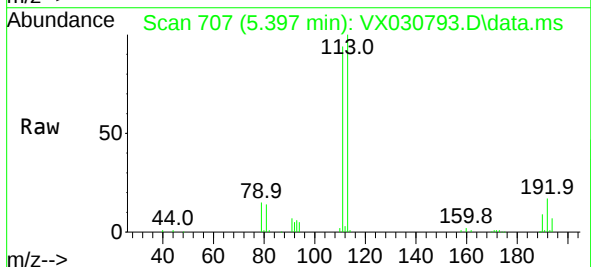
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

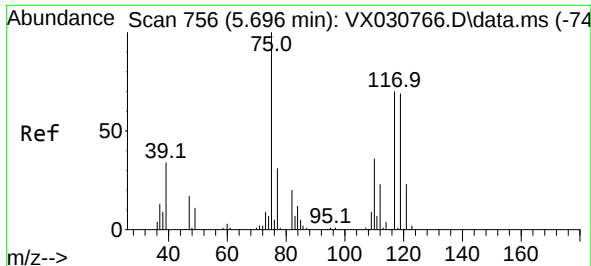
Tgt Ion:114 Resp: 398345
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.717 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion:113 Resp: 129059
Ion Ratio Lower Upper
113 100
111 99.5 83.2 124.8
192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.416 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX030793.D

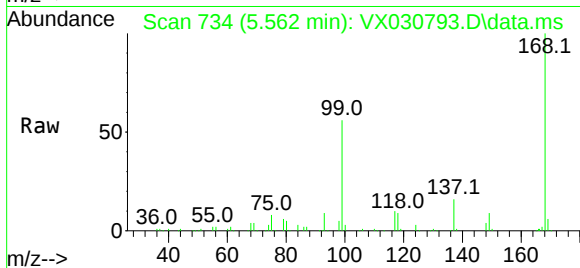
Acq: 26 Aug 2022 00:39

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20220816



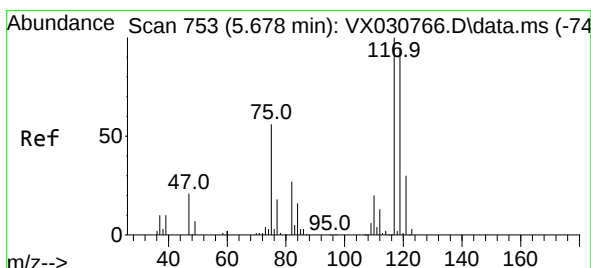
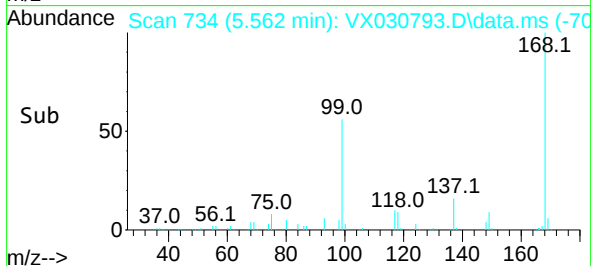
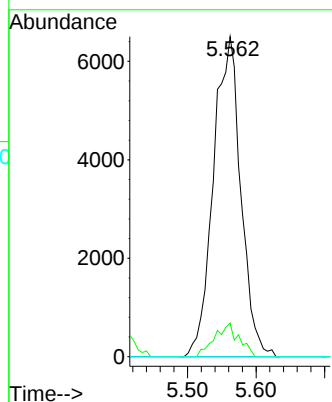
Tgt Ion: 75 Resp: 18054

Ion Ratio Lower Upper

75 100

110 9.3 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.785 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX030793.D

Acq: 26 Aug 2022 00:39

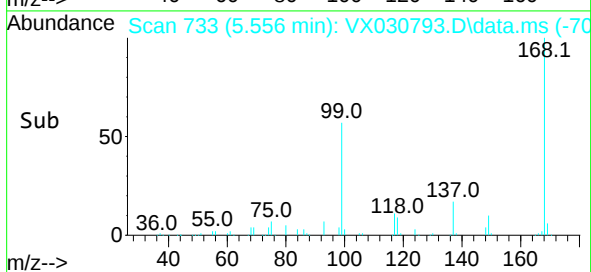
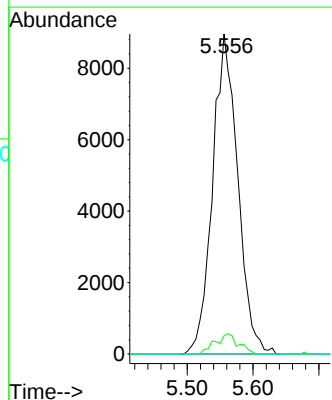
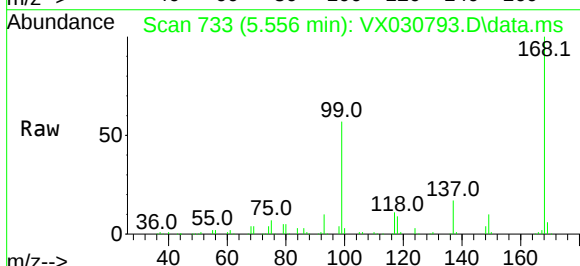
Tgt Ion: 117 Resp: 23859

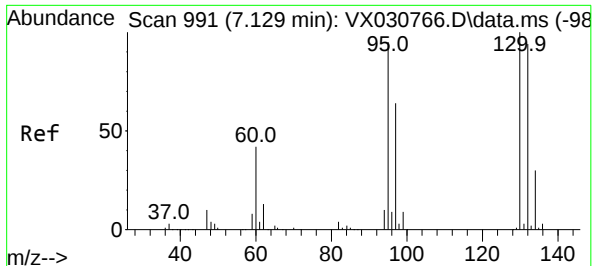
Ion Ratio Lower Upper

117 100

119 5.7 74.1 111.1#

121 0.0 25.8 38.8#

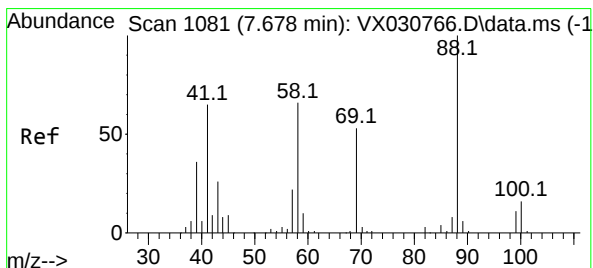
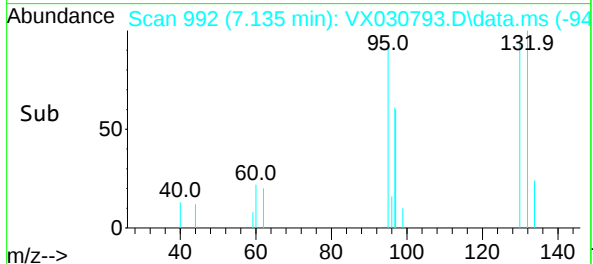
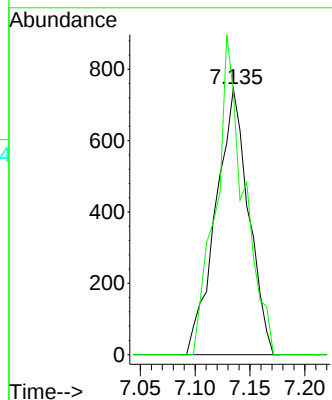
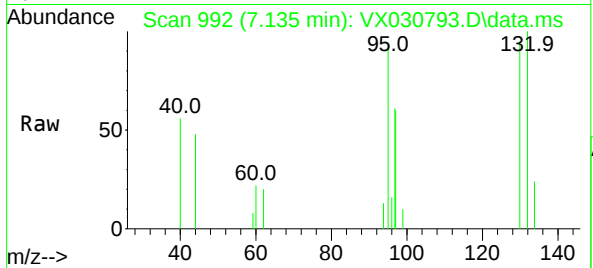




#44
Trichloroethene
Concen: 0.537 ug/l
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

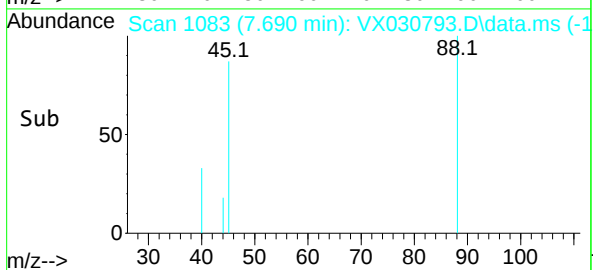
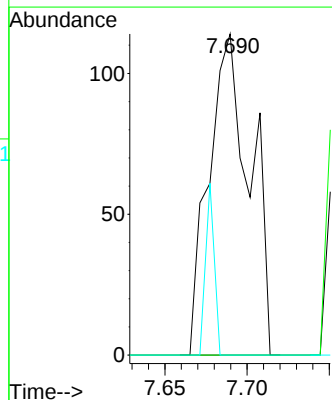
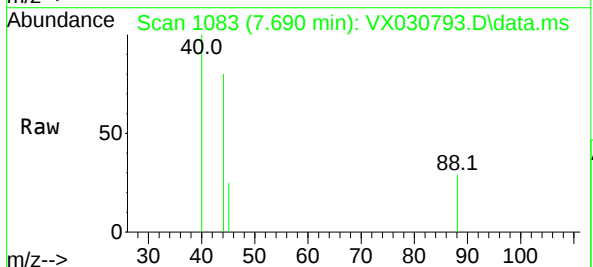
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

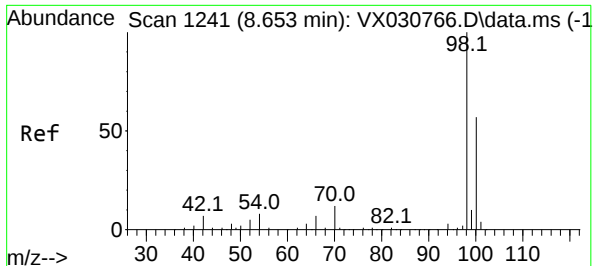
Tgt Ion:130 Resp: 1547
Ion Ratio Lower Upper
130 100
95 98.8 0.0 194.8



#49
1,4-Dioxane
Concen: 2.705 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion: 88 Resp: 198
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 11.1 53.8 80.6#





#50

Toluene-d8

Concen: 54.155 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030793.D

Acq: 26 Aug 2022 00:39

Instrument :

MSVOA_X

ClientSampleId :

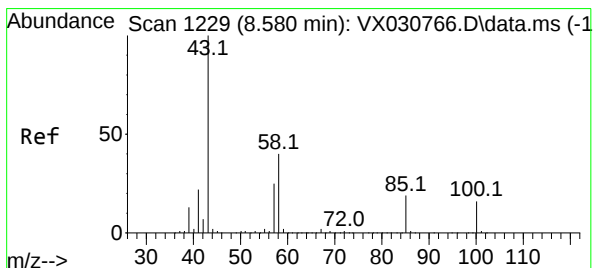
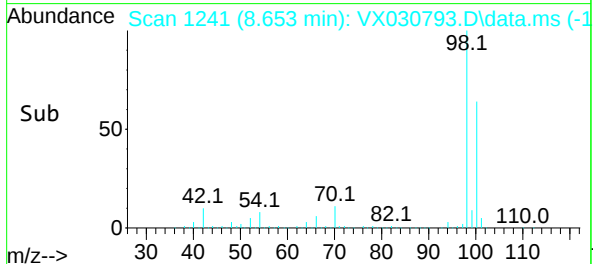
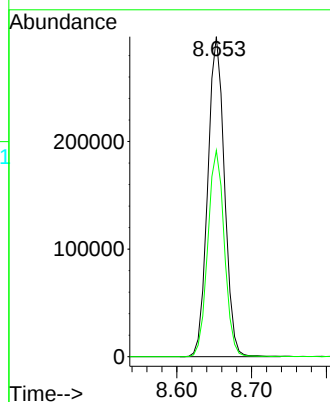
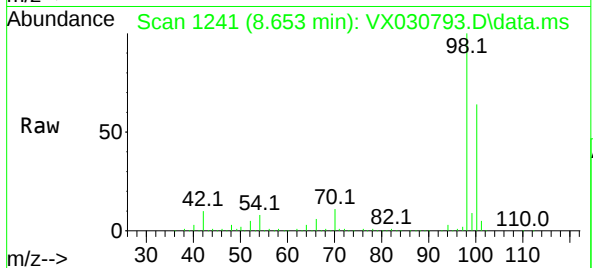
RW8-MW01S-20220816

Tgt Ion: 98 Resp: 461998

Ion Ratio Lower Upper

98 100

100 63.9 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.453 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX030793.D

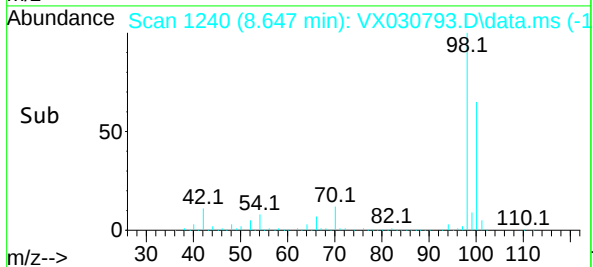
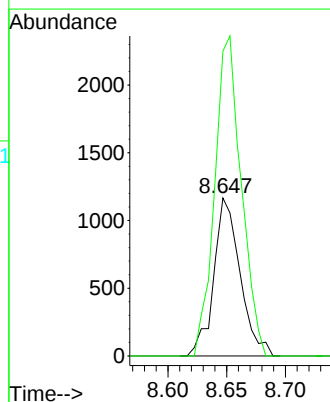
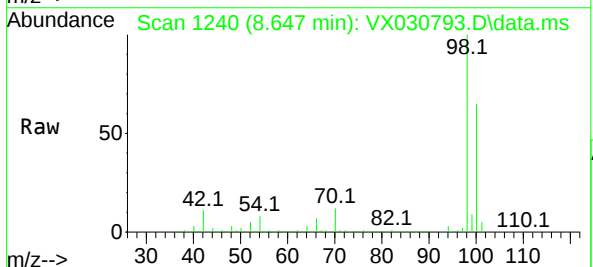
Acq: 26 Aug 2022 00:39

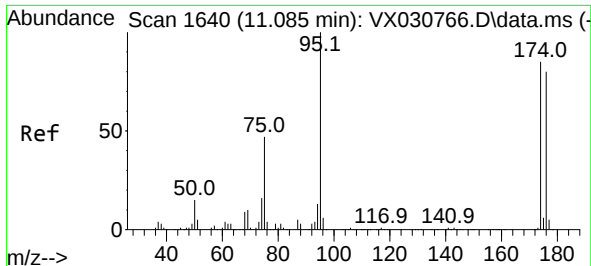
Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

43 100

58 204.7 31.4 47.2#

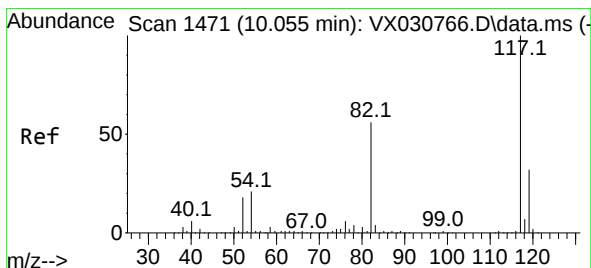
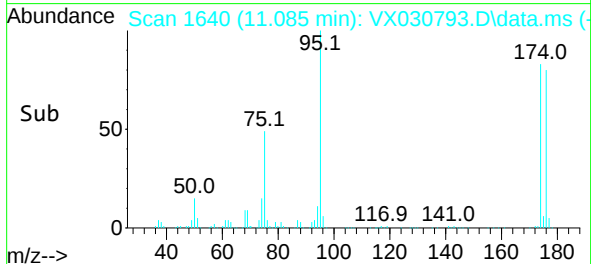
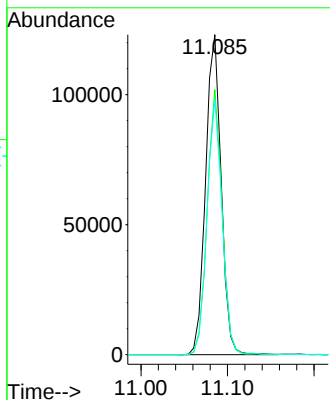
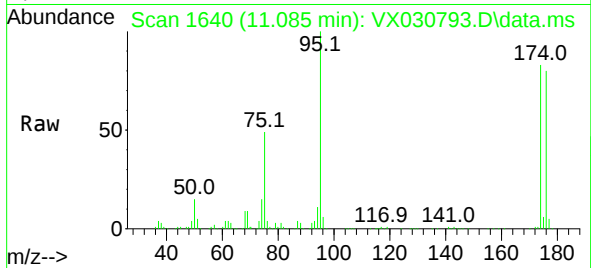




#62
4-Bromofluorobenzene
Concen: 48.347 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

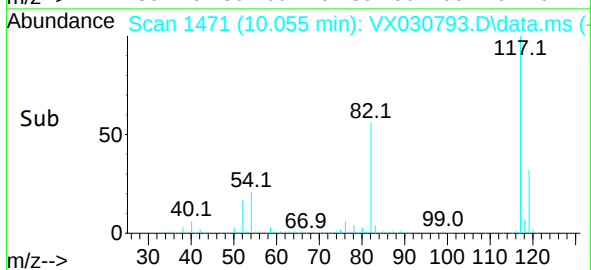
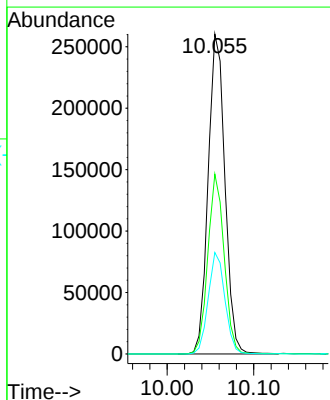
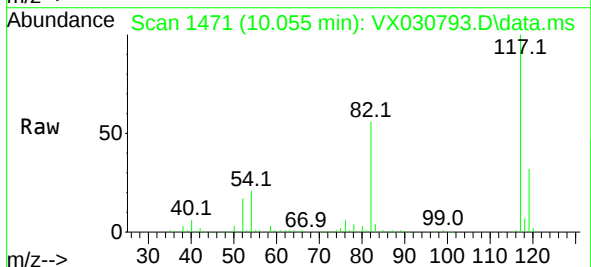
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

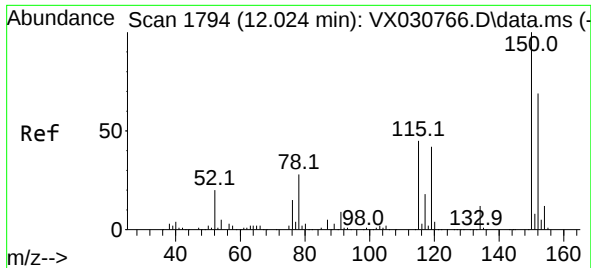
Tgt Ion: 95 Resp: 153556
Ion Ratio Lower Upper
95 100
174 79.9 0.0 149.0
176 77.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

Tgt Ion: 117 Resp: 350445
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 31.7 25.4 38.2

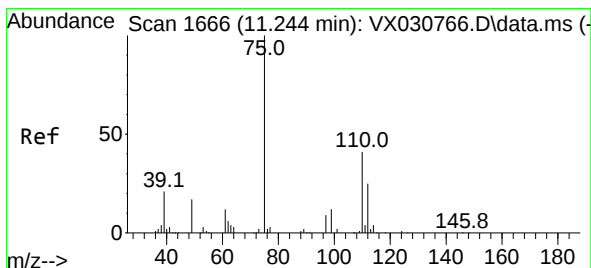
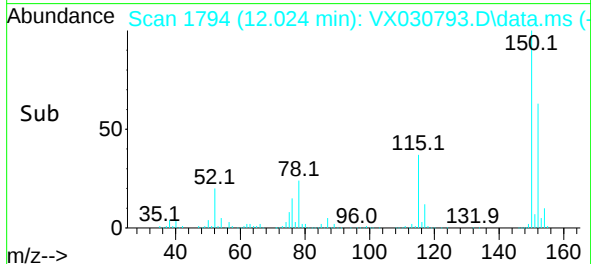
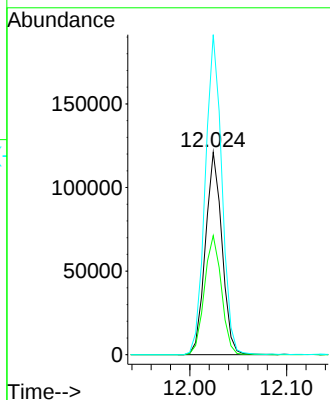
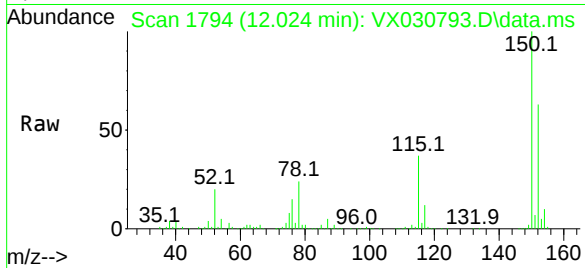




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

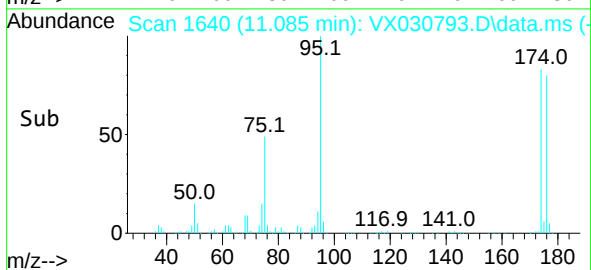
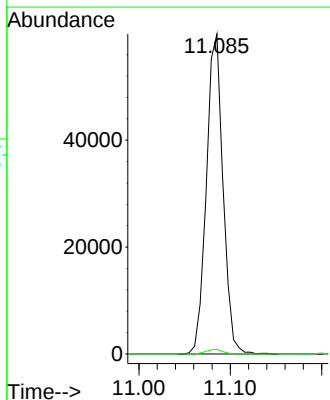
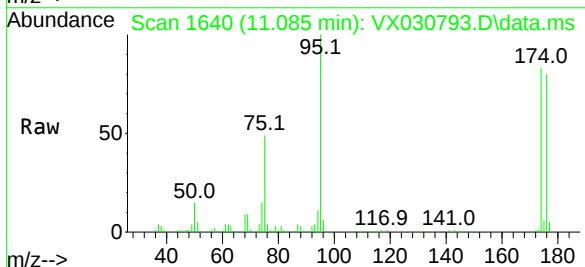
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220816

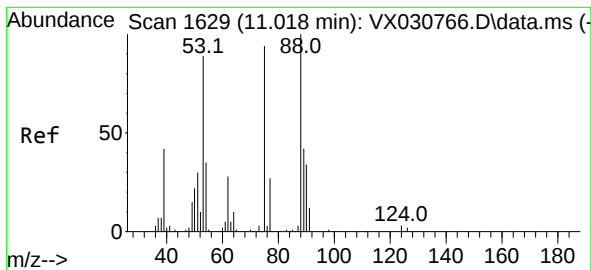
Tgt Ion:152 Resp: 144684
Ion Ratio Lower Upper
152 100
115 60.2 40.5 121.5
150 158.5 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 23.746 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030793.D
Acq: 26 Aug 2022 00:39

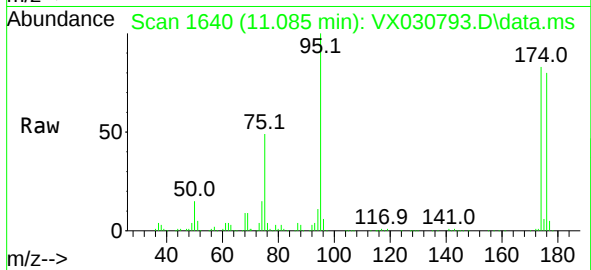
Tgt Ion: 75 Resp: 75271
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.615 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030793.D
 Acq: 26 Aug 2022 00:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20220816



Tgt Ion: 75 Resp: 75271
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

