

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030794.D
 Acq On : 26 Aug 2022 01:03
 Operator : JC/MD
 Sample : N4245-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20220816

Quant Time: Aug 26 02:44:49 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)

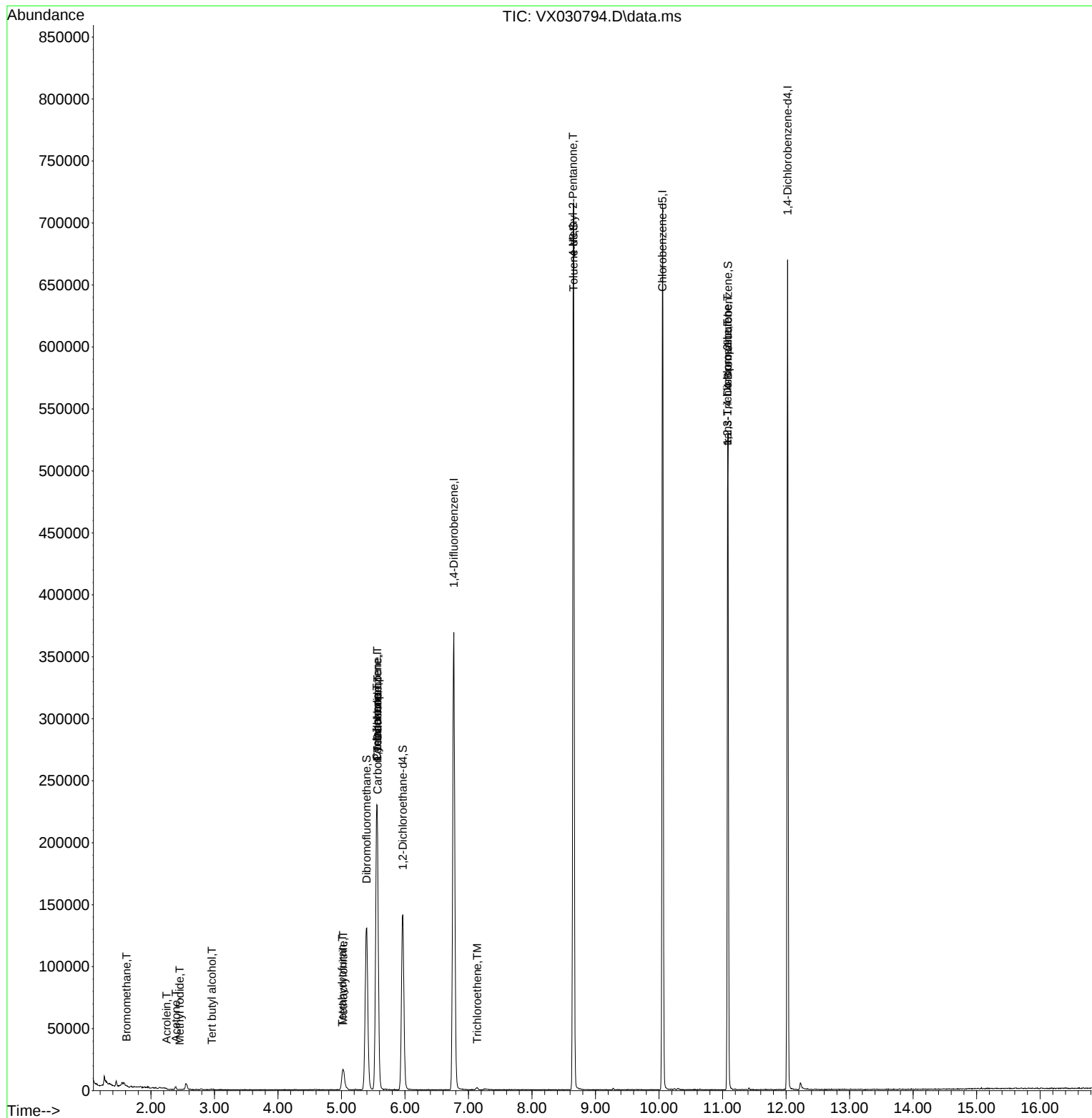
Internal Standards						
1) Pentafluorobenzene	5.562	168	228434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136147	50.669	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.340%			
35) Dibromofluoromethane	5.397	113	120016	51.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.400%			
50) Toluene-d8	8.653	98	432834	52.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.085	95	143330	47.128	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.260%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	336	Below Cal	#	42
5) Bromomethane	1.617	94	268	0.252	ug/l #	16
6) Chloroethane	1.697	64	530	Below Cal	#	41
10) Methyl Iodide	2.453	142	350	4.203	ug/l #	54
11) Tert butyl alcohol	2.959	59	250	0.429	ug/l #	74
13) Acrolein	2.245	56	19	10.088	ug/l #	14
16) Acetone	2.392	43	2483	2.000	ug/l #	87
17) Carbon Disulfide	2.514	76	601	Below Cal	#	74
20) Methylene Chloride	2.788	84	366	Below Cal	#	62
29) Tetrahydrofuran	5.013	42	16674	12.773	ug/l	99
31) Cyclohexane	5.556	56	4593	1.337	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17396	5.450	ug/l #	49
38) Carbon Tetrachloride	5.568	117	22709	6.744	ug/l #	18
41) Methacrylonitrile	5.025	41	10089	4.775	ug/l #	40
44) Trichloroethene	7.135	130	796	0.288	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1808	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68738	22.656	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68738	73.097	ug/l #	13

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

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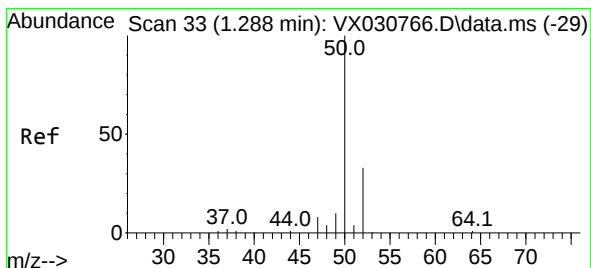
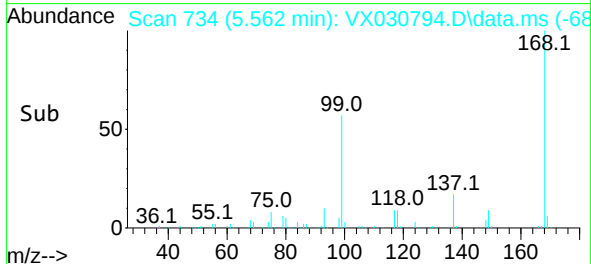
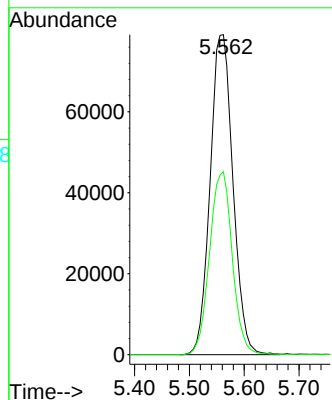
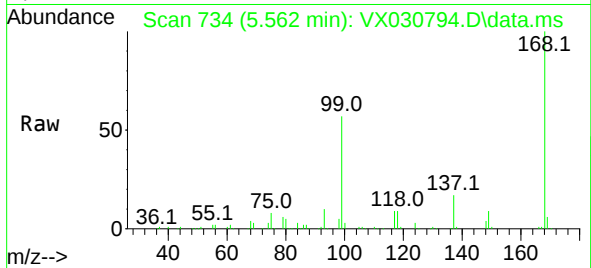




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

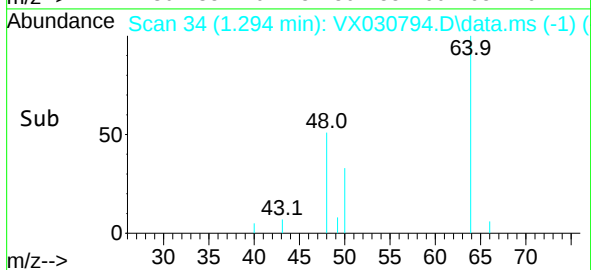
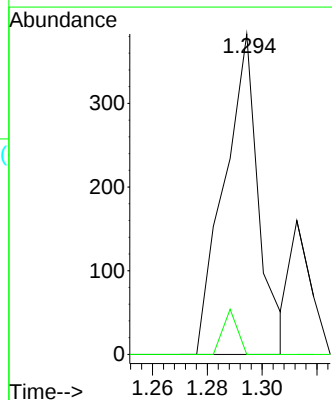
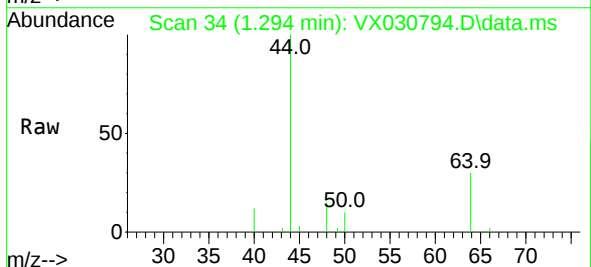
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

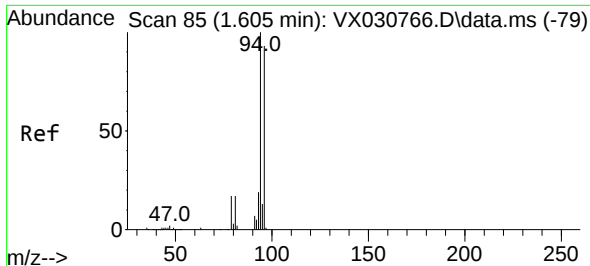
Tgt Ion:168 Resp: 228434
Ion Ratio Lower Upper
168 100
99 57.2 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

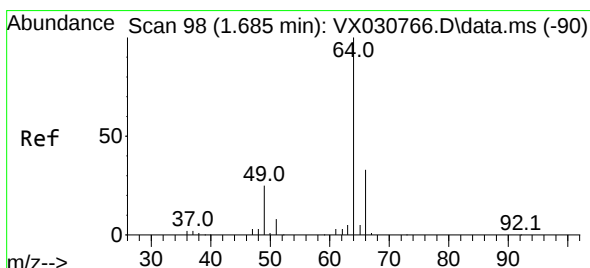
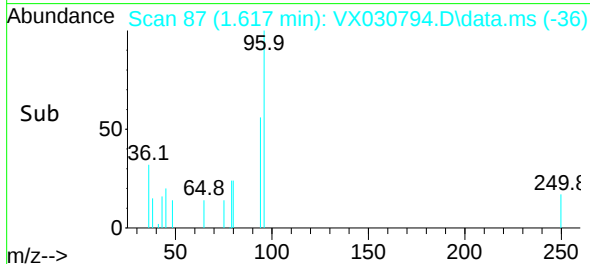
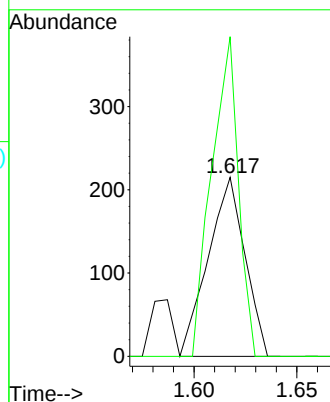
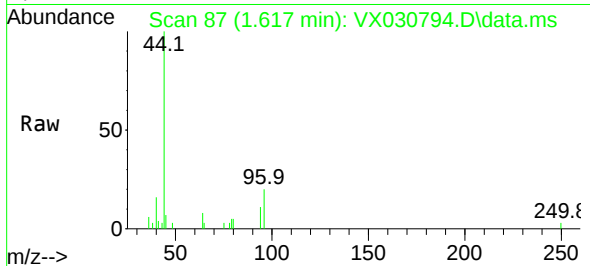




#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

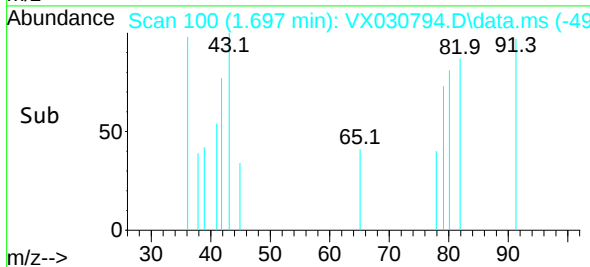
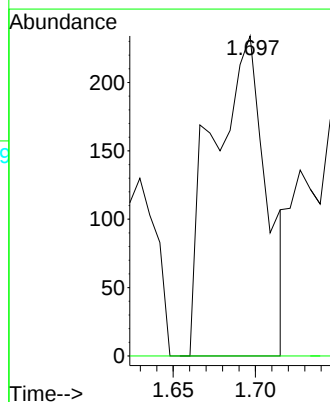
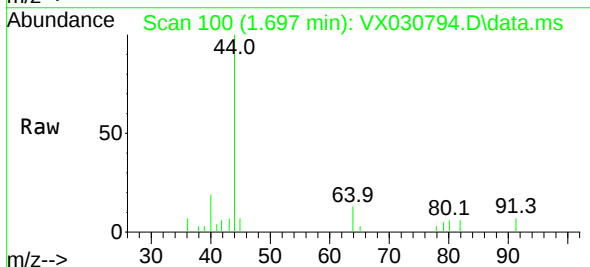
Instrument :
MSVOA_X
ClientSampleId :
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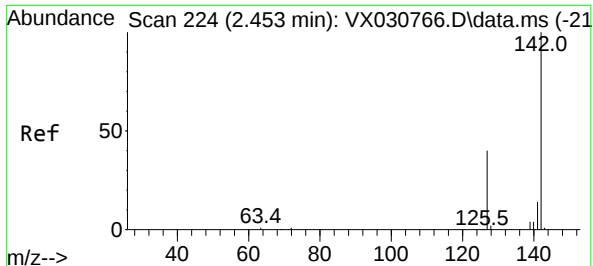
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 178.6 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 64 Resp: 530
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

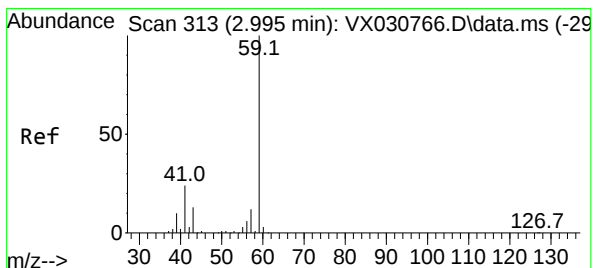
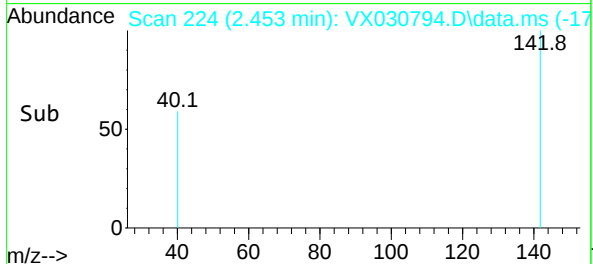
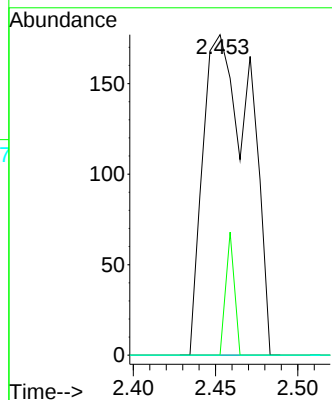
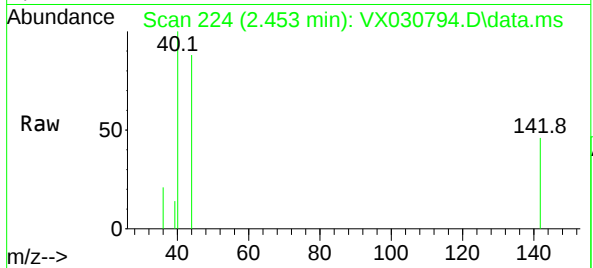




#10
Methyl Iodide
Concen: 4.203 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

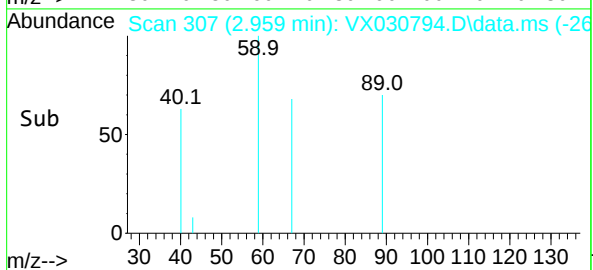
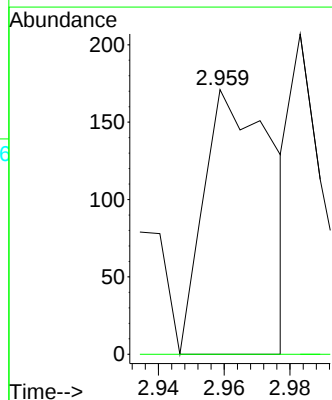
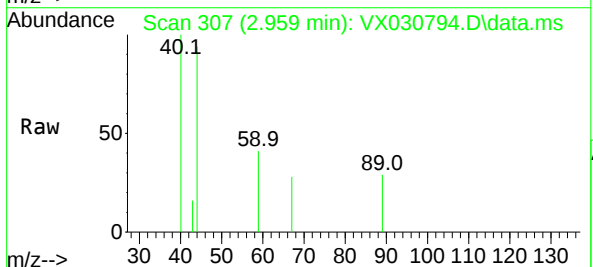
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

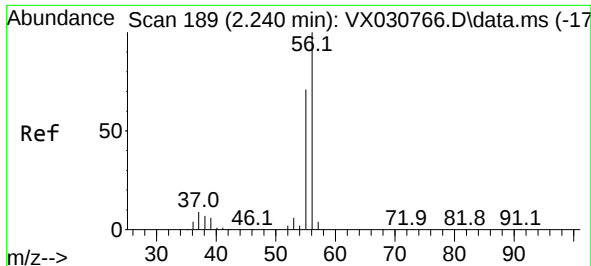
Tgt Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
127 7.1 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.429 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.037 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

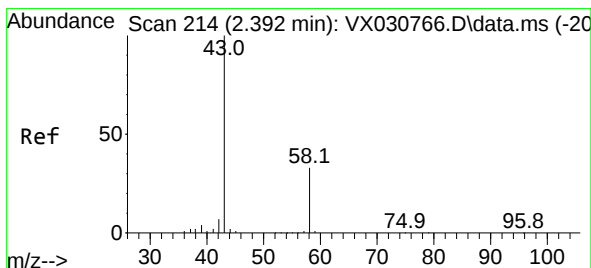
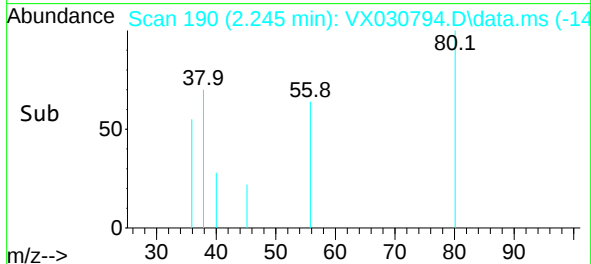
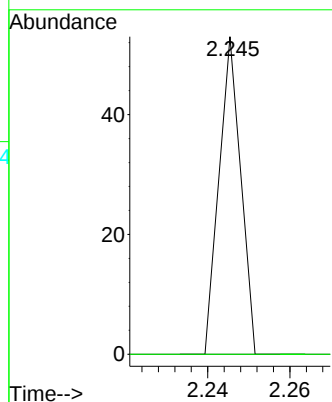
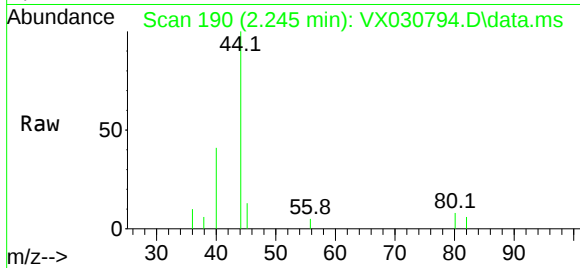




#13
Acrolein
Concen: 10.088 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.005 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

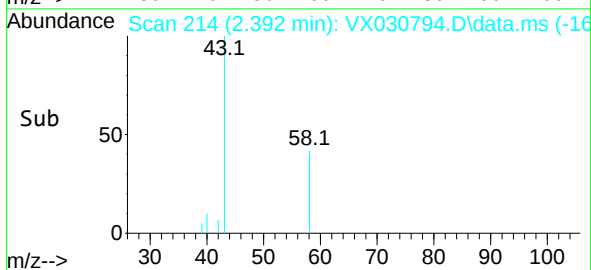
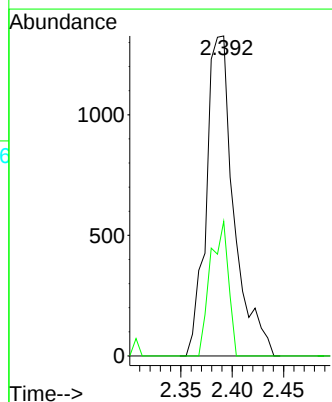
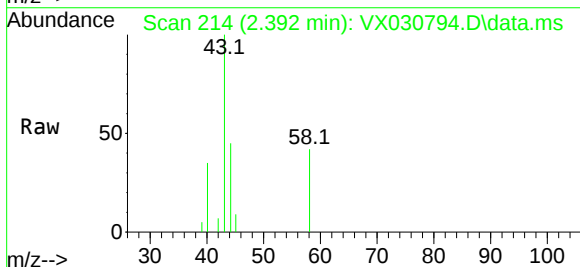
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

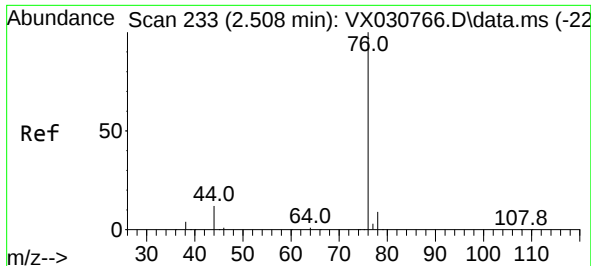
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 2.000 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 43 Resp: 2483
Ion Ratio Lower Upper
43 100
58 42.0 27.7 41.5#

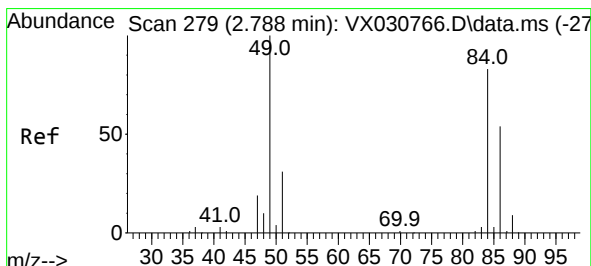
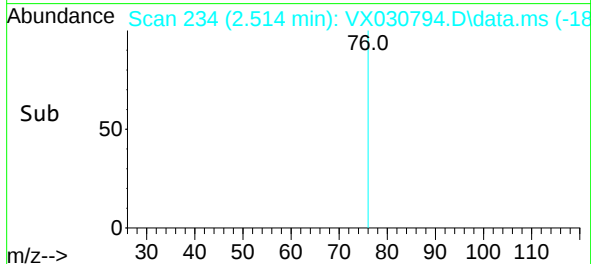
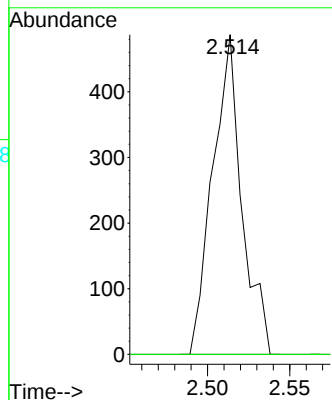
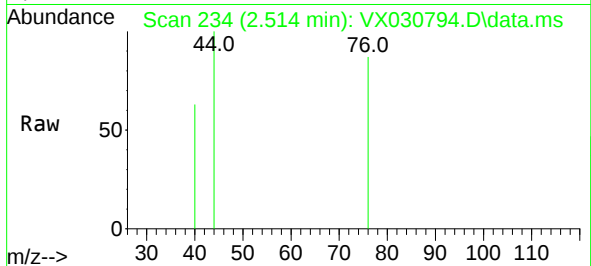




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

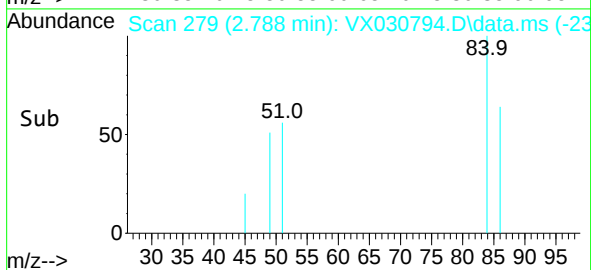
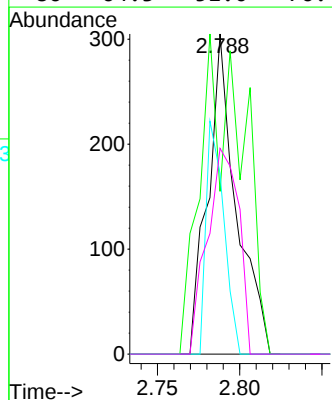
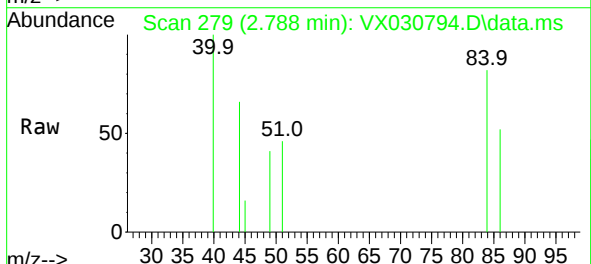
Instrument :
MSVOA_X
ClientSampleId :
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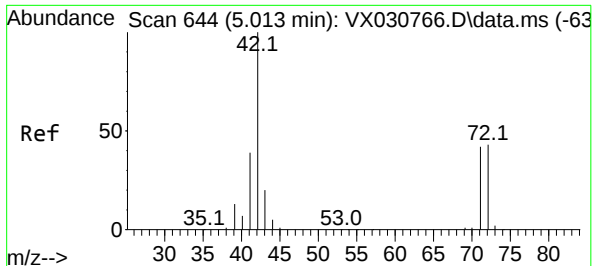
Tgt Ion: 76 Resp: 601
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 84 Resp: 366
Ion Ratio Lower Upper
84 100
49 50.8 93.8 140.6#
51 56.4 29.4 44.0#
86 64.3 51.0 76.4





#29

Tetrahydrofuran

Concen: 12.773 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030794.D

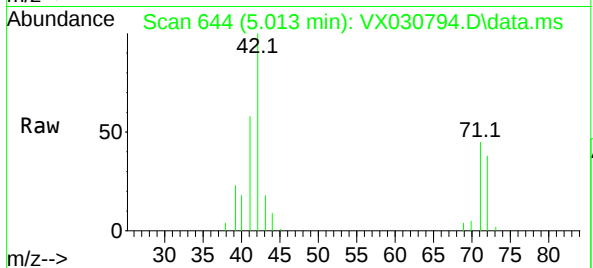
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Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20220816



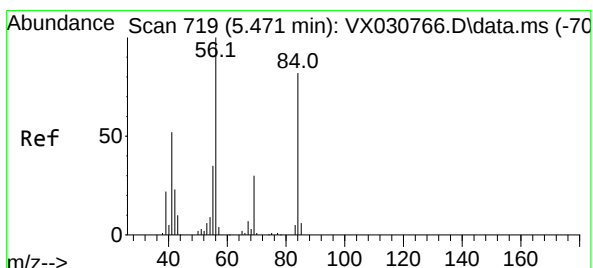
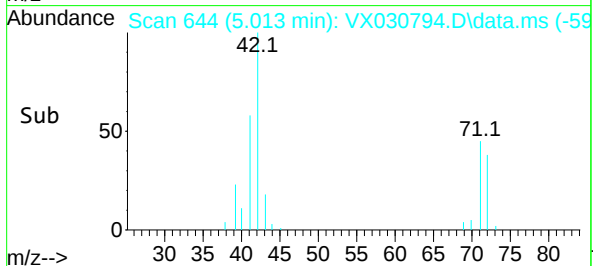
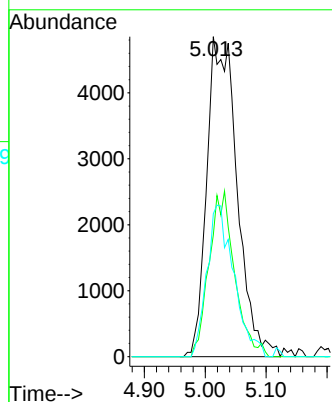
Tgt Ion: 42 Resp: 16674

Ion Ratio Lower Upper

42 100

72 43.8 36.5 54.7

71 42.4 33.9 50.9



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX030794.D

Acq: 26 Aug 2022 01:03

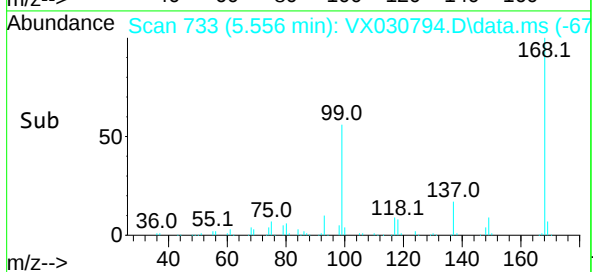
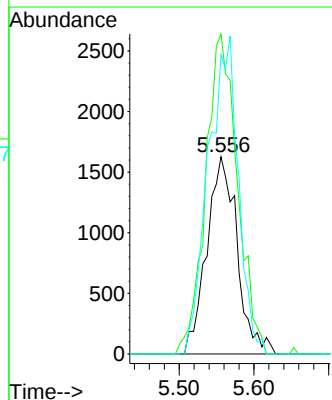
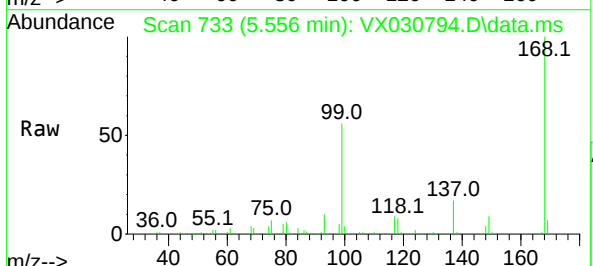
Tgt Ion: 56 Resp: 4593

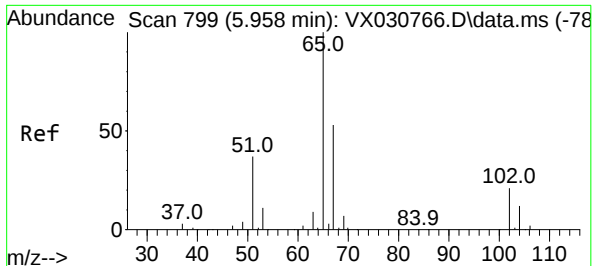
Ion Ratio Lower Upper

56 100

69 162.4 25.4 38.0#

84 151.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.669 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030794.D

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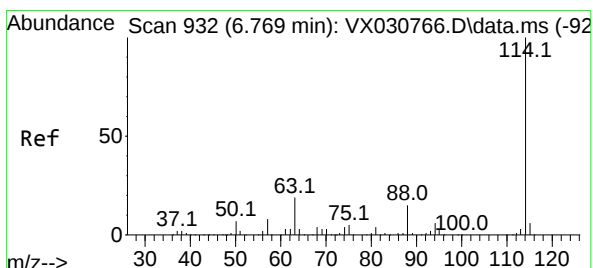
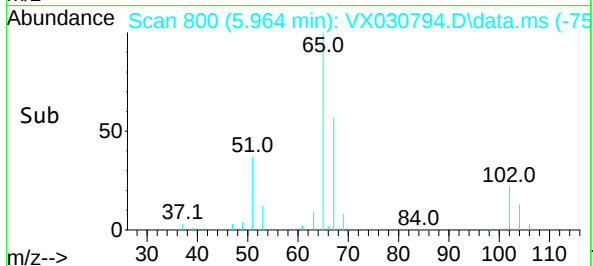
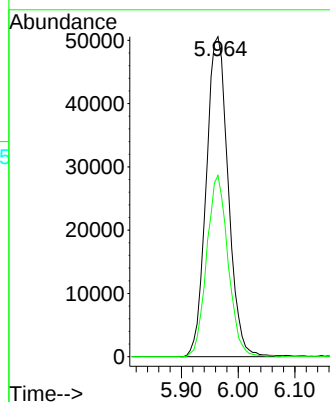
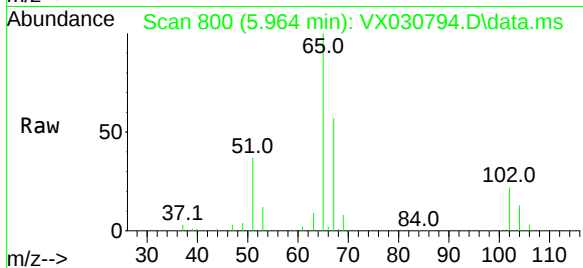
RW8-MW01D1-20220816

Tgt Ion: 65 Resp: 136147

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030794.D

Acq: 26 Aug 2022 01:03

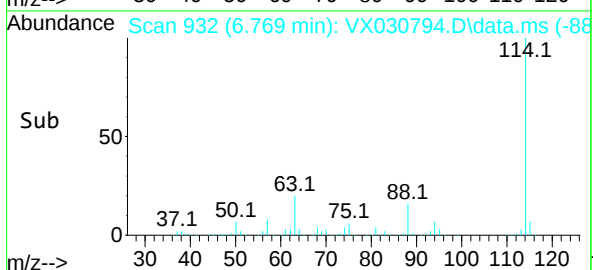
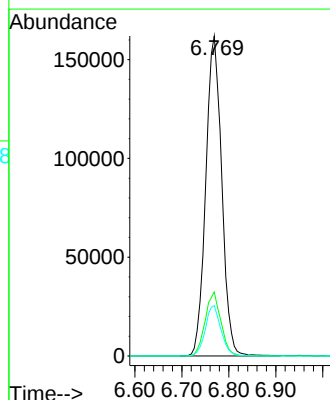
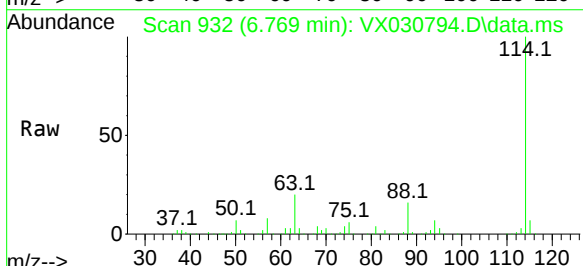
Tgt Ion: 114 Resp: 381436

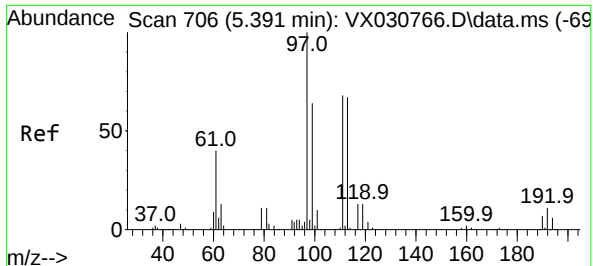
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.196 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030794.D

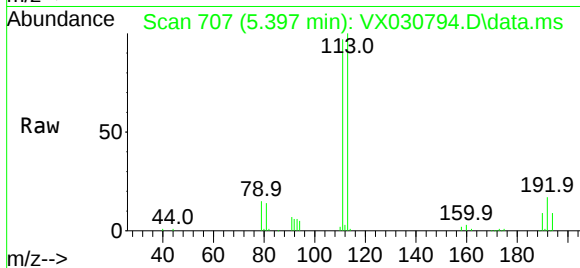
Acq: 26 Aug 2022 01:03

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20220816



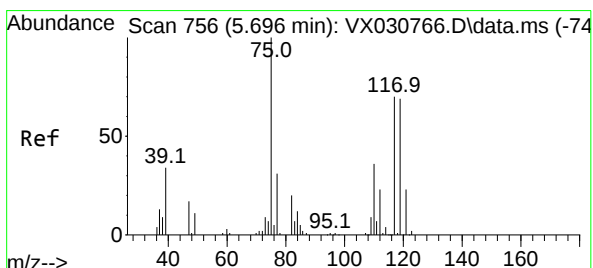
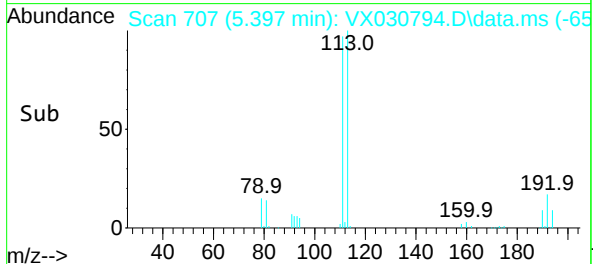
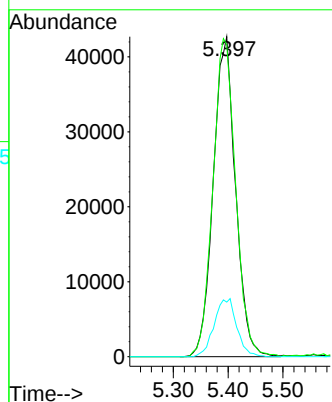
Tgt Ion:113 Resp: 120016

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.450 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030794.D

Acq: 26 Aug 2022 01:03

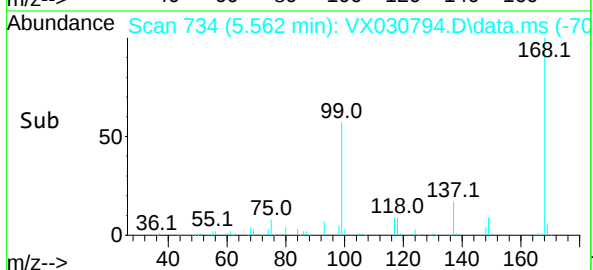
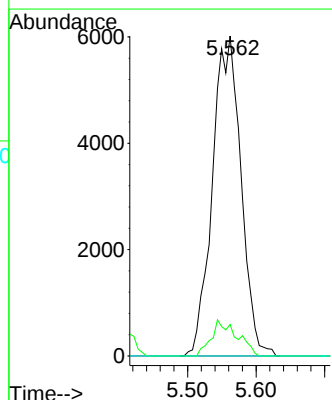
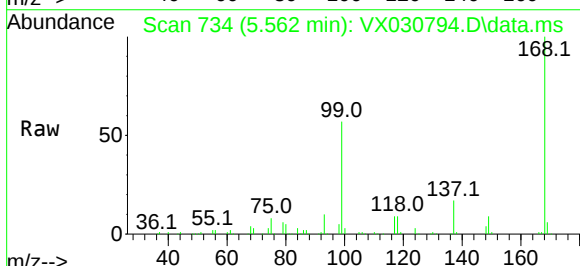
Tgt Ion: 75 Resp: 17396

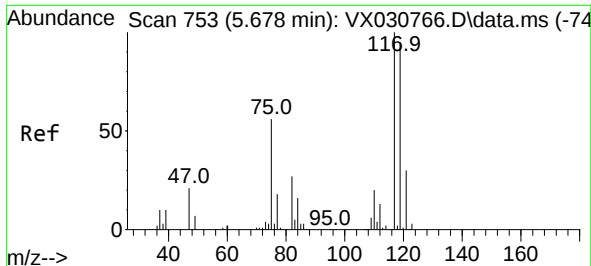
Ion Ratio Lower Upper

75 100

110 10.1 19.3 57.9#

77 0.0 24.4 36.6#

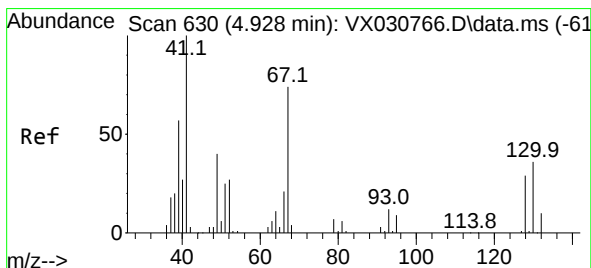
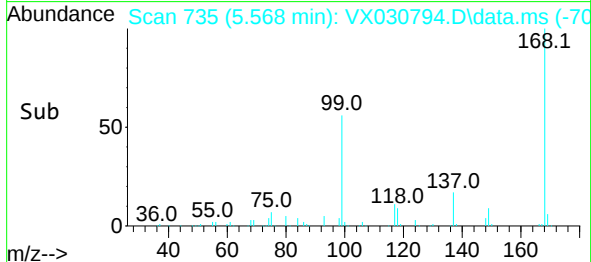
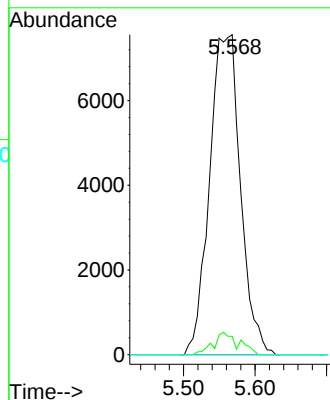
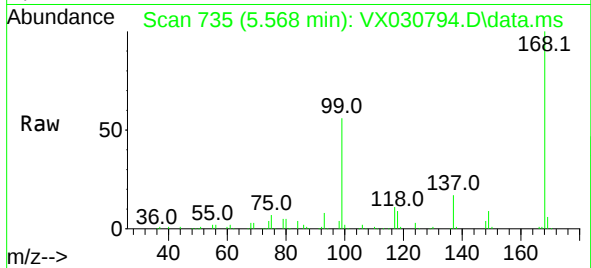




#38
Carbon Tetrachloride
Concen: 6.744 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.110 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

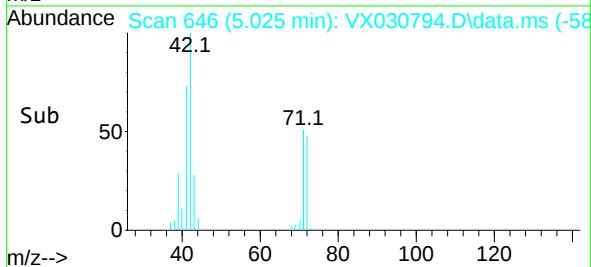
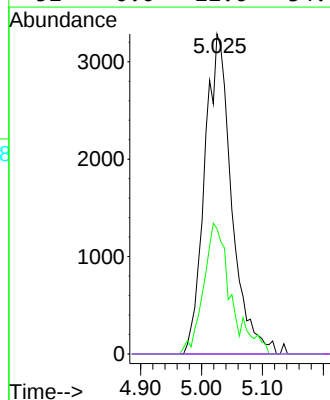
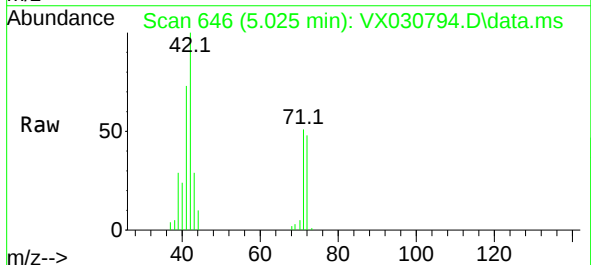
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

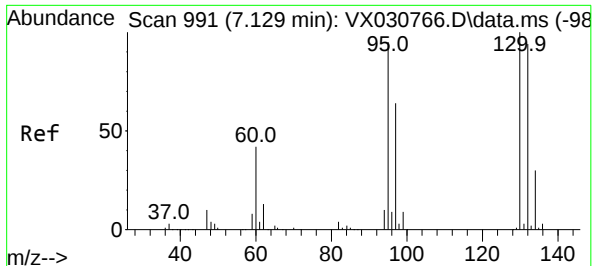
Tgt Ion:117 Resp: 22709
Ion Ratio Lower Upper
117 100
119 5.8 74.1 111.1#
121 0.0 25.8 38.8#



#41
Methacrylonitrile
Concen: 4.775 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 41 Resp: 10089
Ion Ratio Lower Upper
41 100
39 36.6 42.9 64.3#
67 0.0 60.1 90.1#
52 0.0 22.6 34.0#

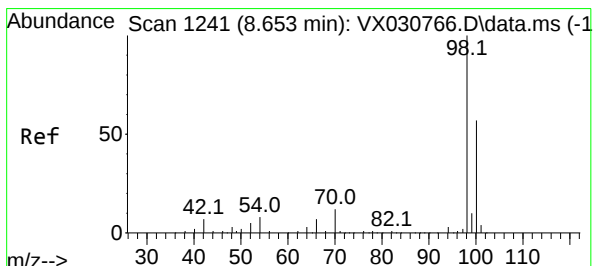
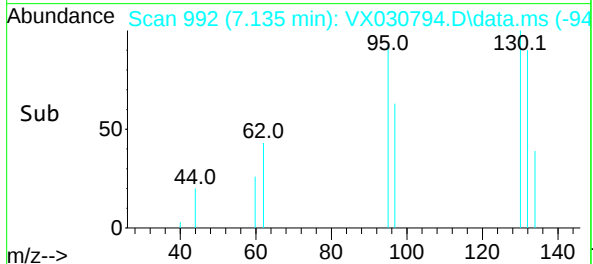
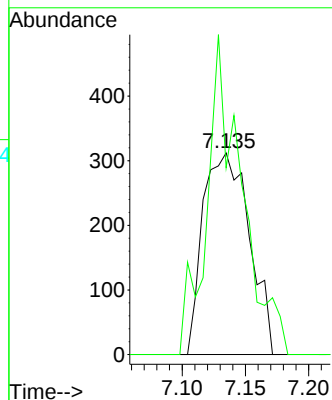
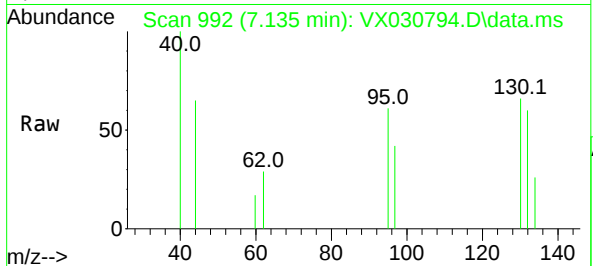




#44
Trichloroethene
Concen: 0.288 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

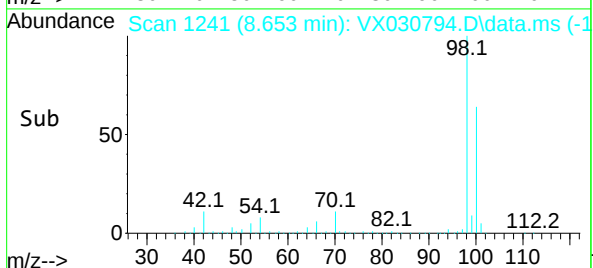
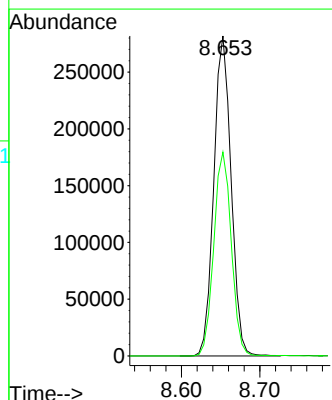
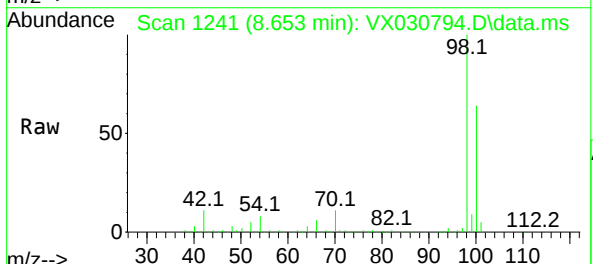
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

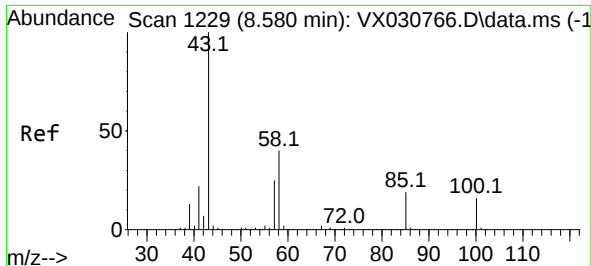
Tgt Ion:130 Resp: 796
Ion Ratio Lower Upper
130 100
95 92.6 0.0 194.8



#50
Toluene-d8
Concen: 52.986 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 98 Resp: 432834
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

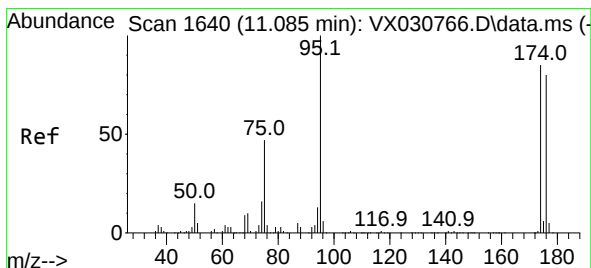
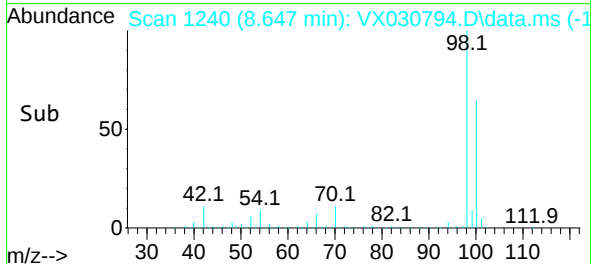
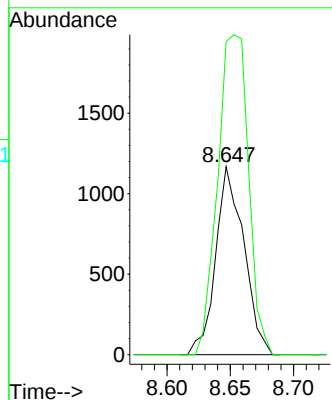
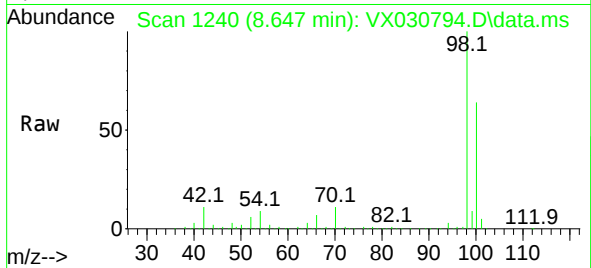




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

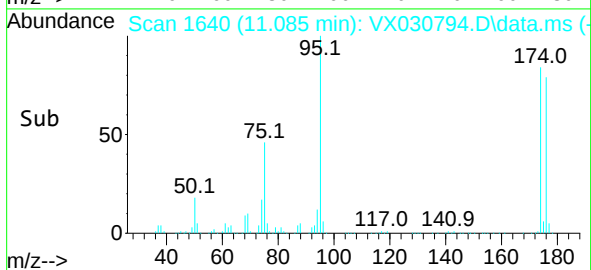
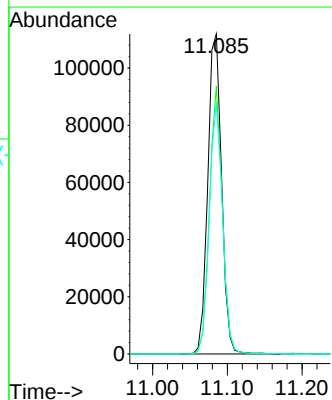
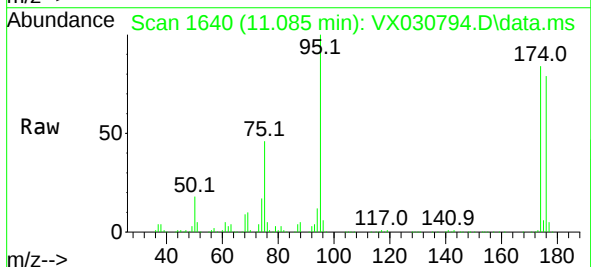
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

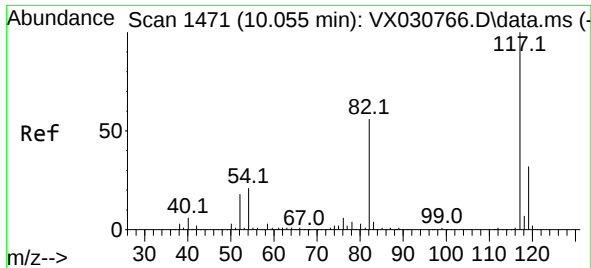
Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 186.8 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 47.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 95 Resp: 143330
Ion Ratio Lower Upper
95 100
174 78.7 0.0 149.0
176 75.5 0.0 146.0

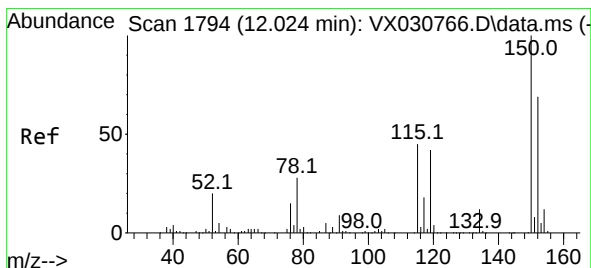
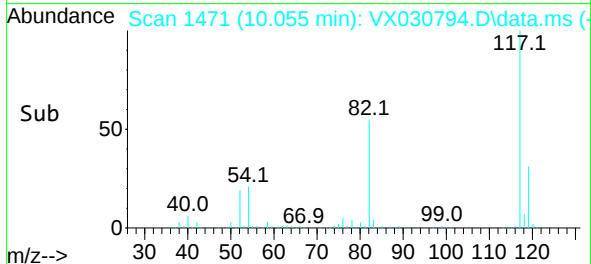
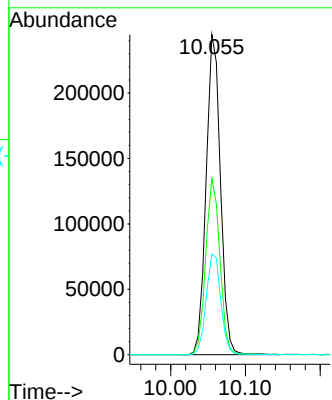
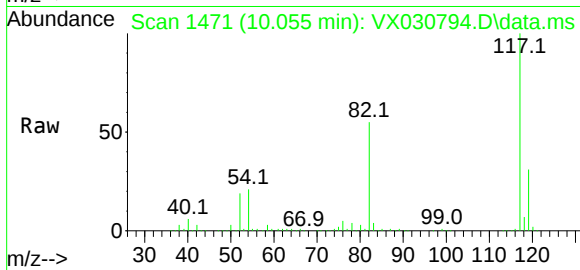




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

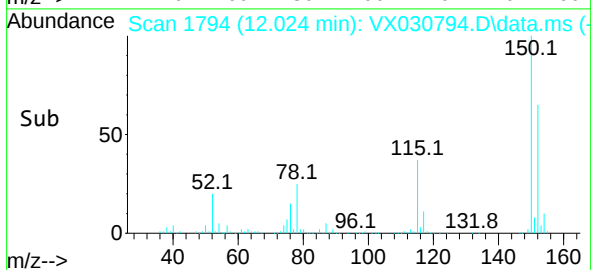
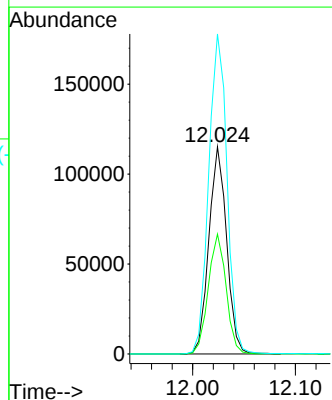
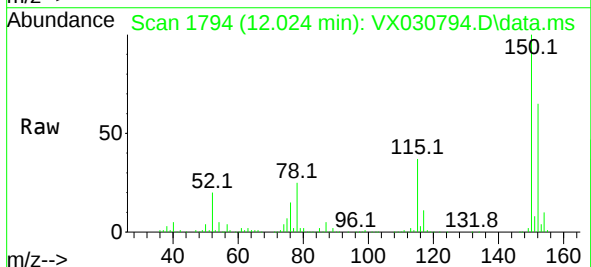
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

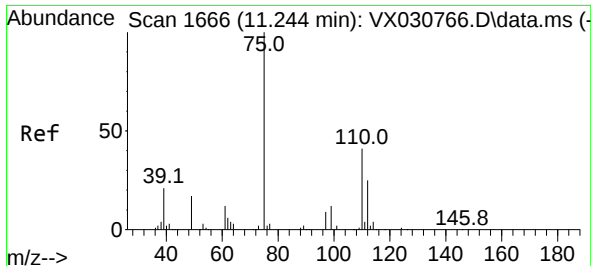
Tgt Ion:117 Resp: 325489
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion:152 Resp: 138485
Ion Ratio Lower Upper
152 100
115 58.0 40.5 121.5
150 159.0 0.0 347.0

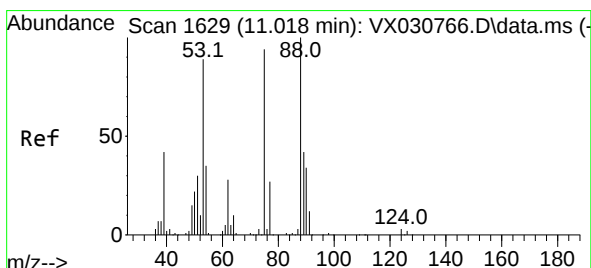
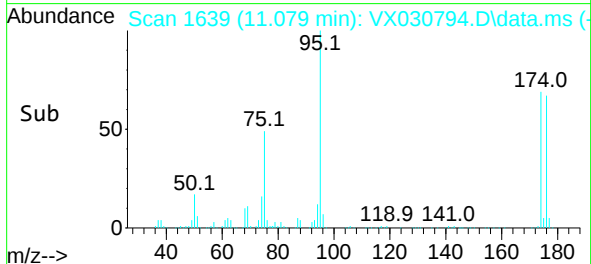
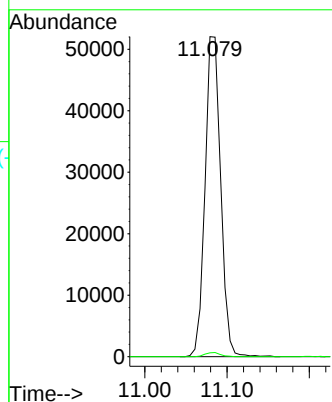
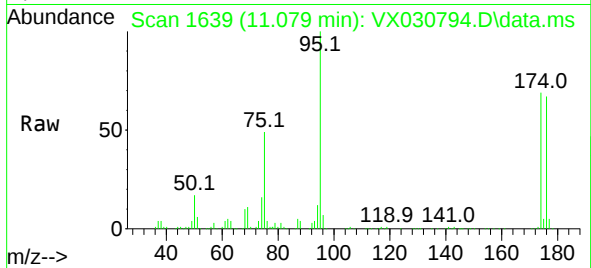




#76
1,2,3-Trichloropropane
Concen: 22.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220816

Tgt Ion: 75 Resp: 68738
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030794.D
Acq: 26 Aug 2022 01:03

Tgt Ion: 75 Resp: 68738
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

