

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030885.D
 Acq On : 27 Aug 2022 20:59
 Operator : JC/MD
 Sample : N4297-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D3-20220821

Quant Time: Aug 29 01:12:32 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)

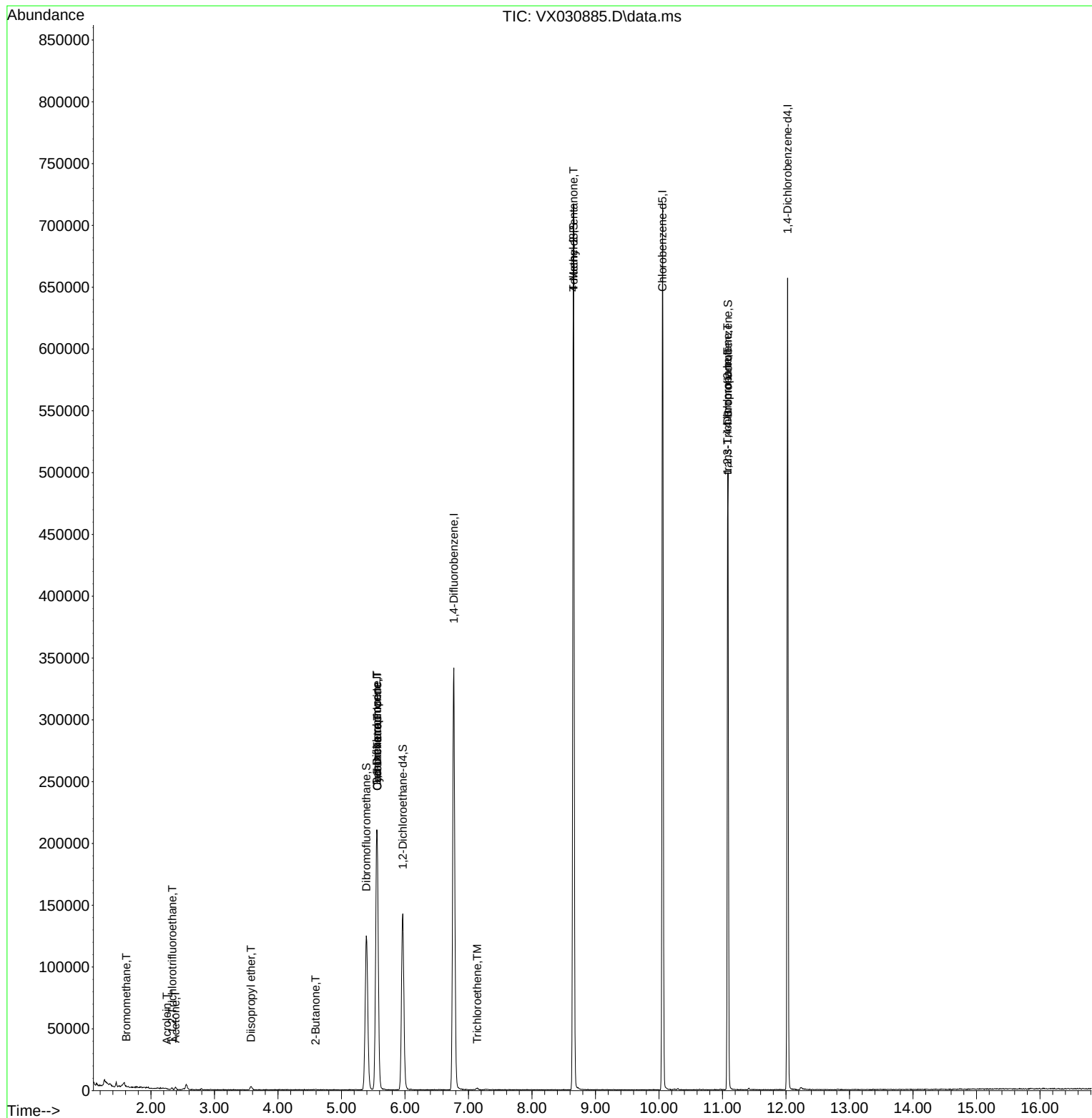
Internal Standards						
1) Pentafluorobenzene	5.556	168	196198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	339487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137507	59.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.160%			
35) Dibromofluoromethane	5.391	113	109994	52.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	8.653	98	407573	56.058	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.120%			
62) 4-Bromofluorobenzene	11.085	95	134773	49.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.580%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	413	Below Cal		93
5) Bromomethane	1.612	94	217	0.237 ug/l		98
6) Chloroethane	1.685	64	158	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.337	101	723	0.378 ug/l	#	84
13) Acrolein	2.252	56	20	10.096 ug/l	#	14
16) Acetone	2.386	43	2145	2.011 ug/l		98
17) Carbon Disulfide	2.514	76	1116	Below Cal		95
20) Methylene Chloride	2.794	84	235	Below Cal	#	76
22) Diisopropyl ether	3.575	45	1522	0.230 ug/l	#	3
25) 2-Butanone	4.593	43	565	0.329 ug/l	#	48
31) Cyclohexane	5.562	56	4487	1.520 ug/l	#	4
36) 1,1-Dichloropropene	5.556	75	16528	5.817 ug/l	#	48
38) Carbon Tetrachloride	5.562	117	20958	6.993 ug/l	#	17
44) Trichloroethene	7.135	130	561	0.228 ug/l		64
51) 4-Methyl-2-Pentanone	8.653	43	1926	0.563 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	69660	24.306 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	69660	78.421 ug/l	#	12

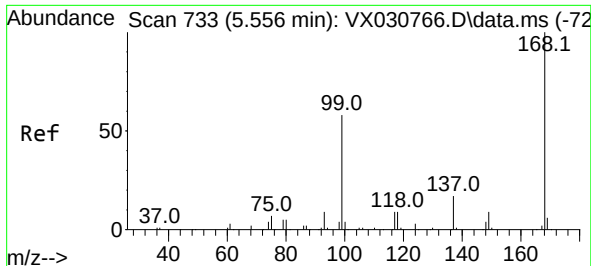
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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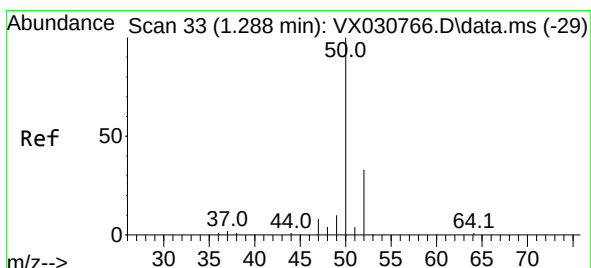
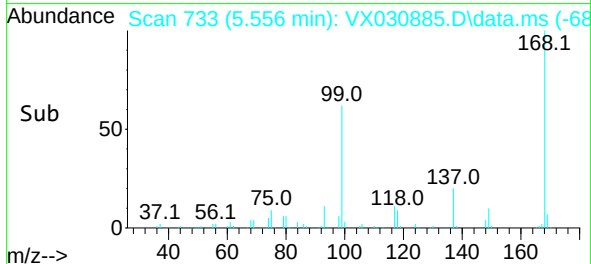
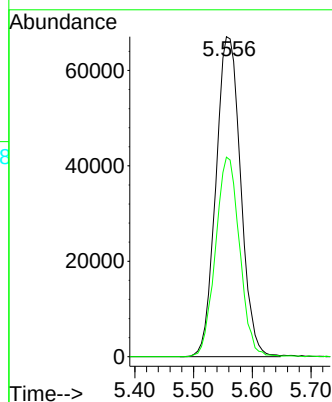
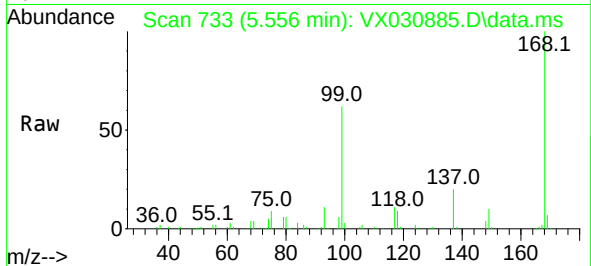




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

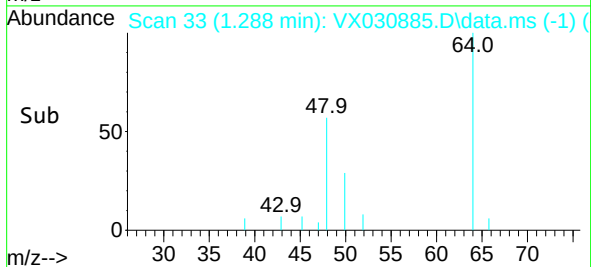
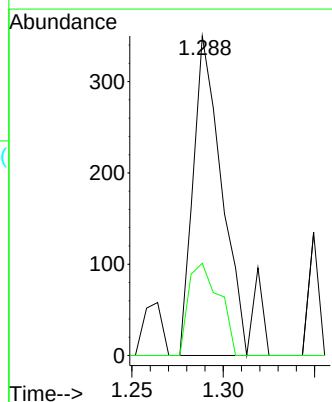
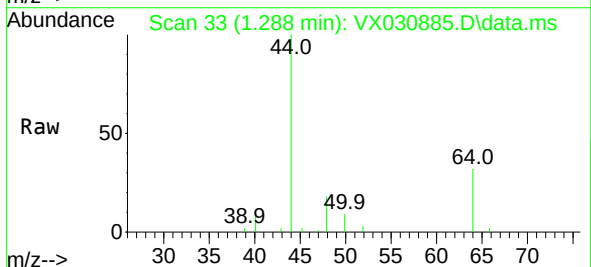
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821

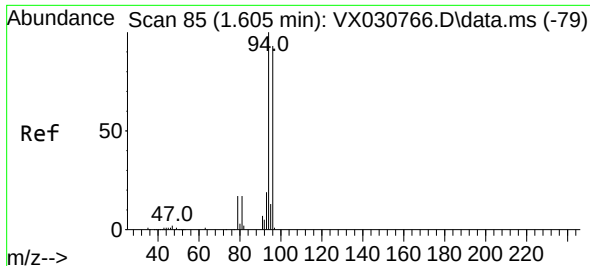
Tgt Ion:168 Resp: 196198
Ion Ratio Lower Upper
168 100
99 62.4 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 28.9 26.3 39.5

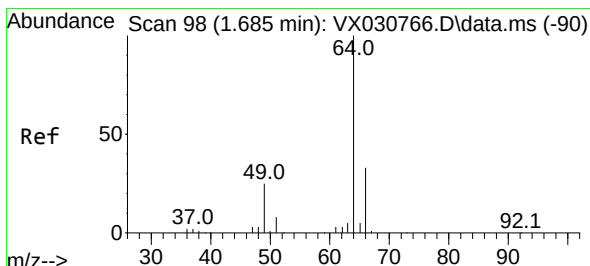
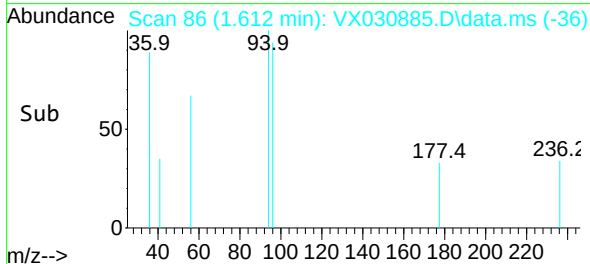
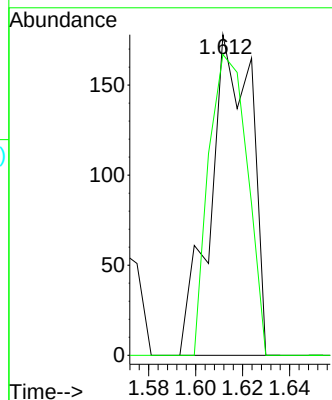
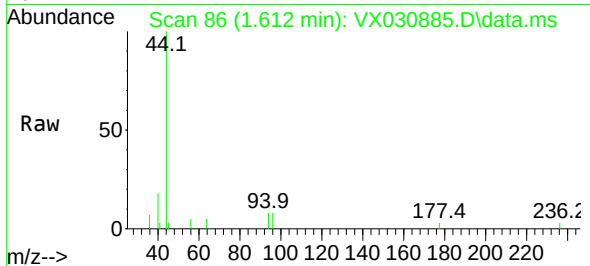




#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

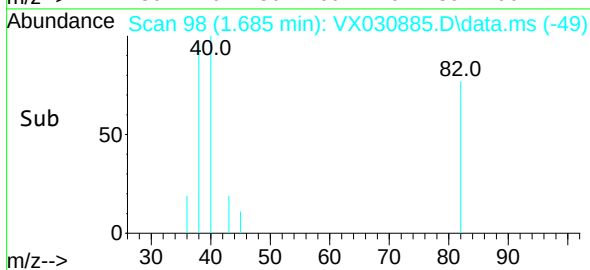
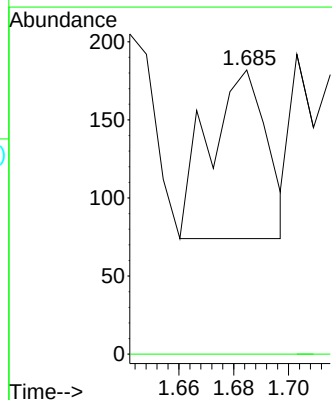
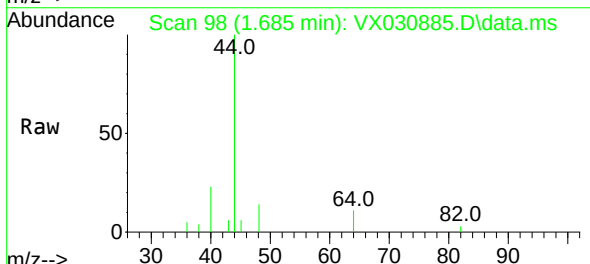
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821

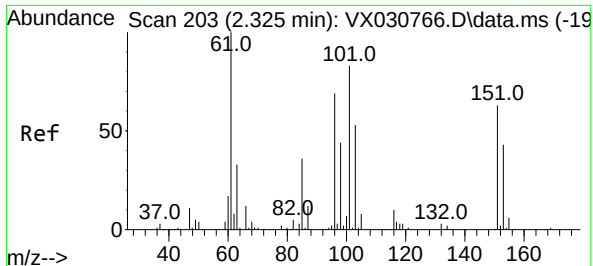
Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 93.8 76.9 115.3



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

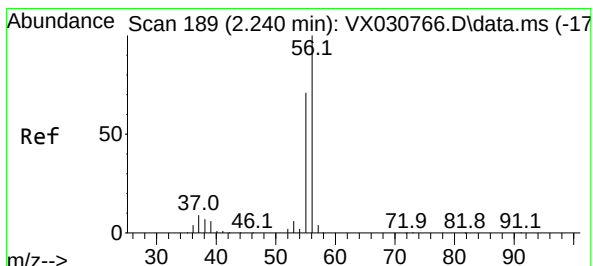
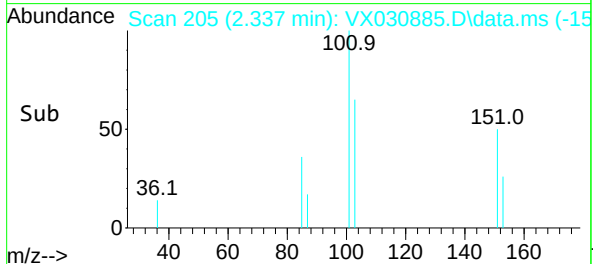
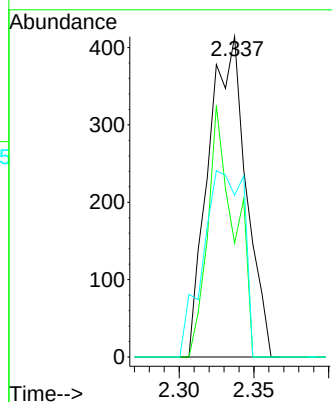
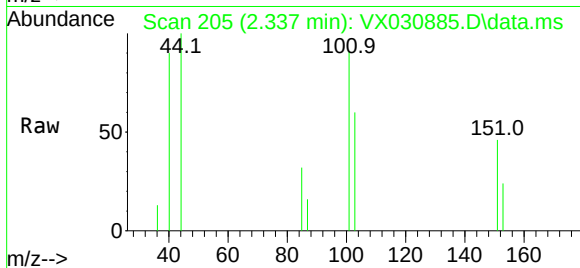




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.378 ug/l
RT: 2.337 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

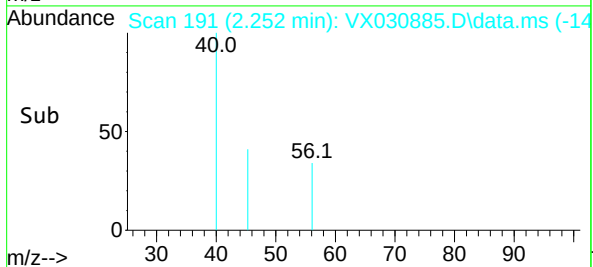
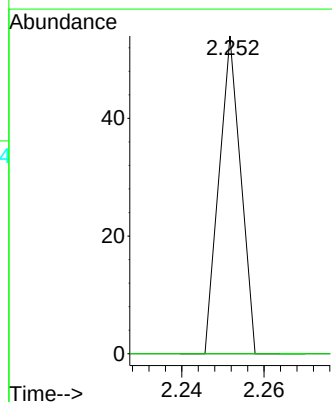
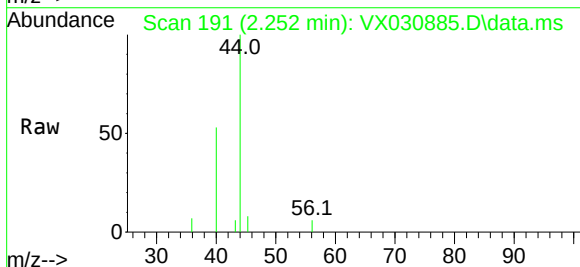
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821

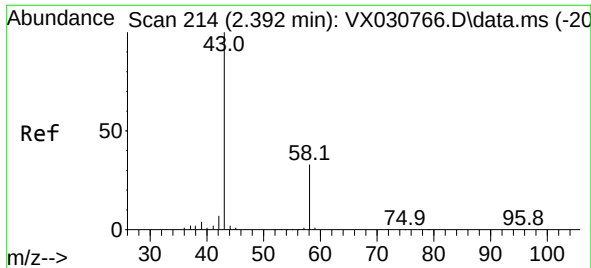
Tgt Ion:101 Resp: 723
Ion Ratio Lower Upper
101 100
85 55.7 34.0 51.0#
151 62.9 59.4 89.0



#13
Acrolein
Concen: 10.096 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

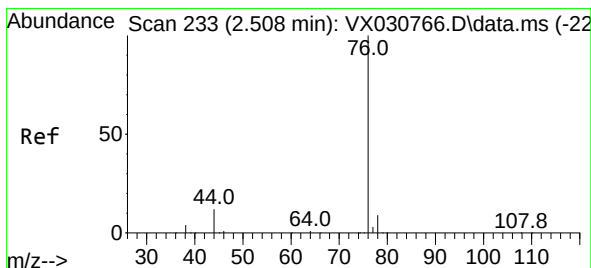
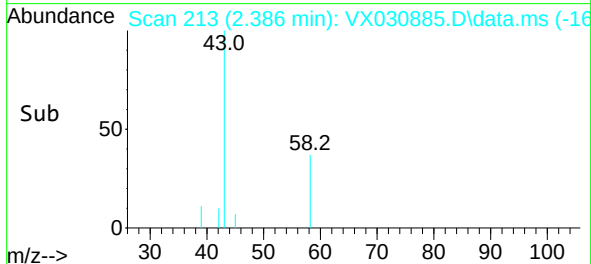
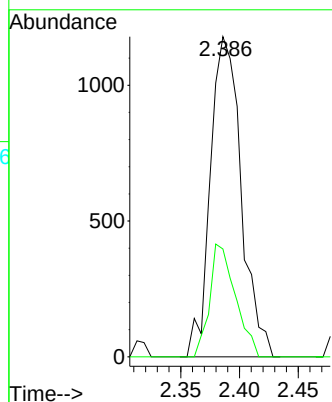
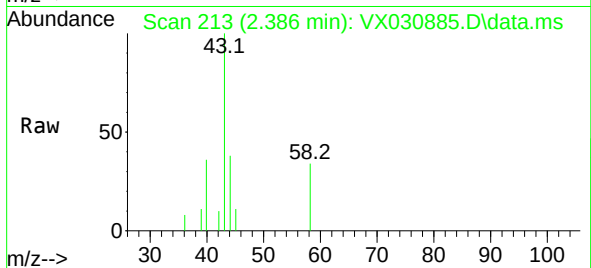




#16
Acetone
Concen: 2.011 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

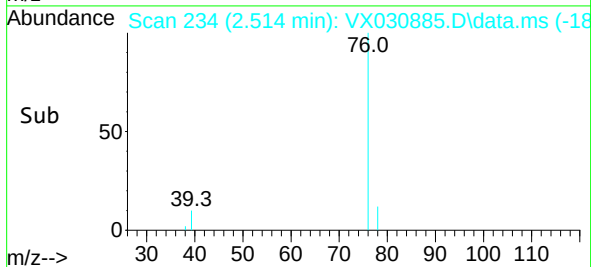
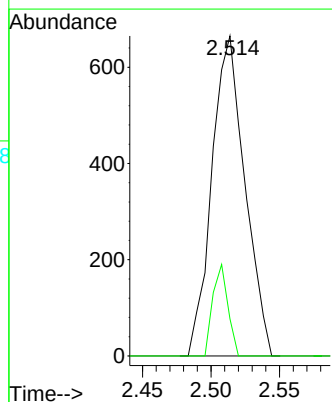
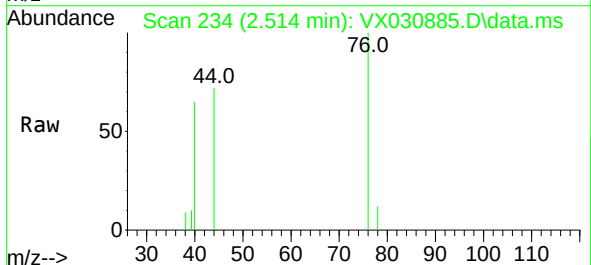
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821

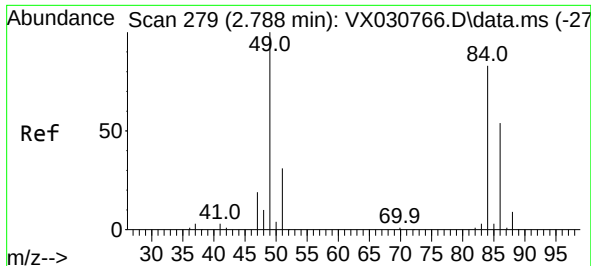
Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
58 33.7 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

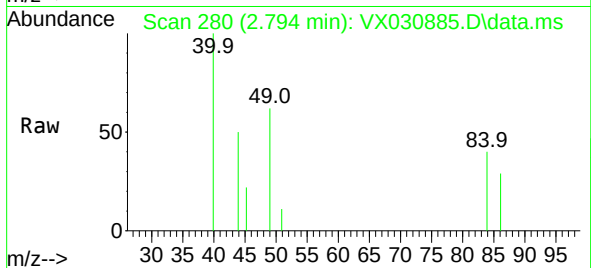
Tgt Ion: 76 Resp: 1116
Ion Ratio Lower Upper
76 100
78 11.6 7.8 11.6



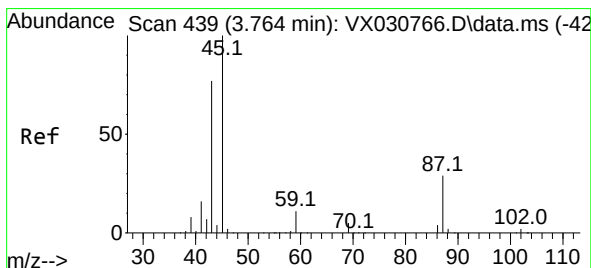
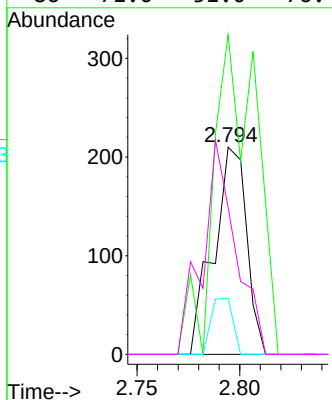
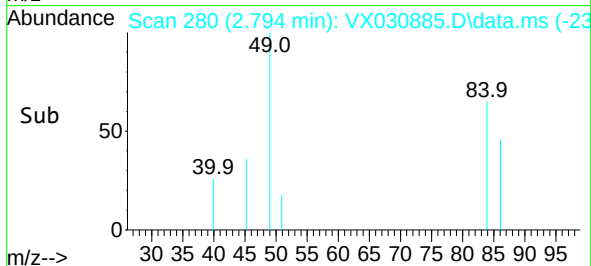


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

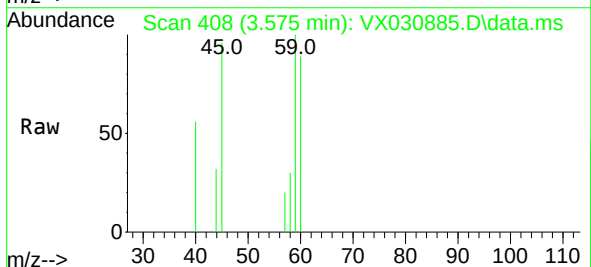
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821



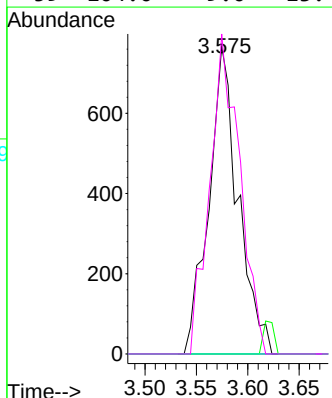
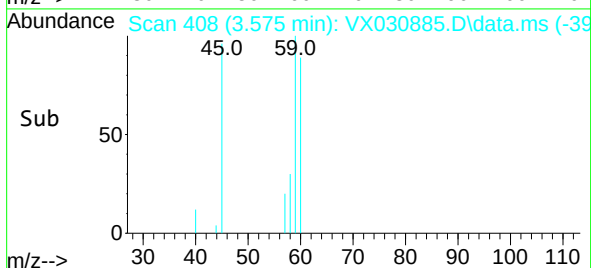
Tgt Ion:	84	Resp:	235
Ion	Ratio	Lower	Upper
84	100		
49	154.3	93.8	140.6#
51	27.1	29.4	44.0#
86	71.0	51.0	76.4

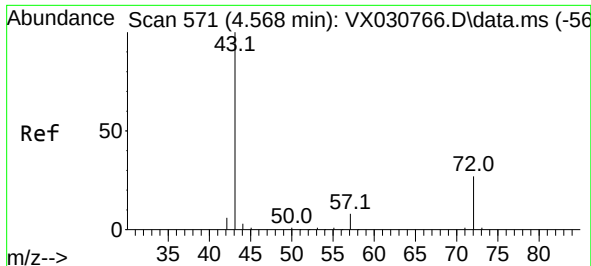


#22
Diisopropyl ether
Concen: 0.230 ug/l
RT: 3.575 min Scan# 408
Delta R.T. -0.189 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59



Tgt Ion:	45	Resp:	1522
Ion	Ratio	Lower	Upper
45	100		
43	0.0	65.4	98.0#
87	0.0	22.3	33.5#
59	104.0	9.0	13.4#

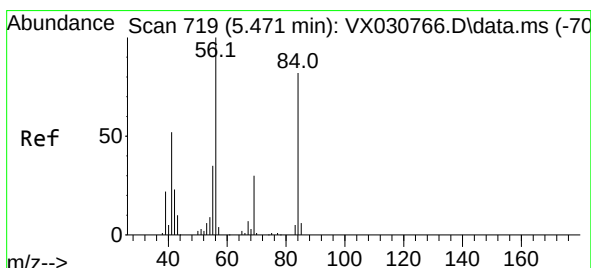
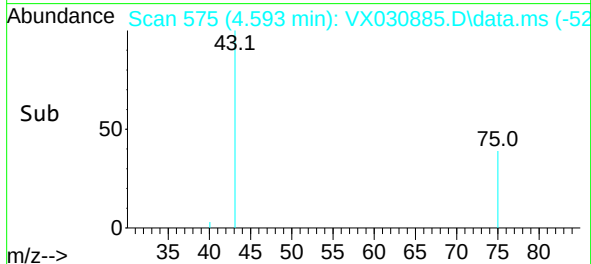
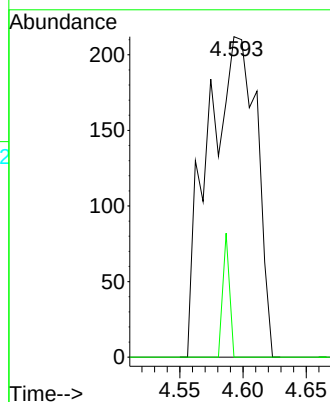
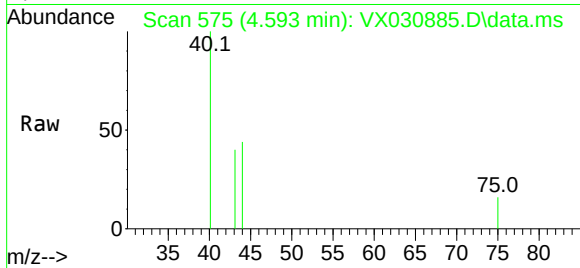




#25
2-Butanone
Concen: 0.329 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

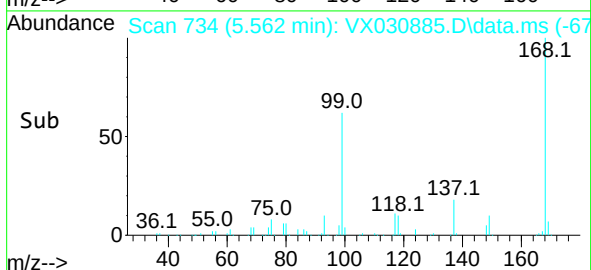
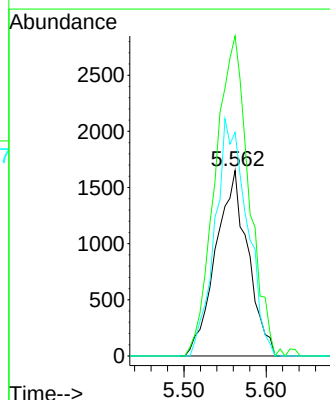
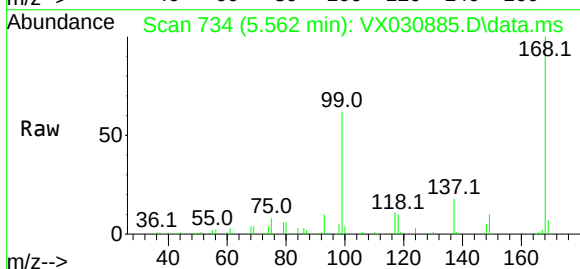
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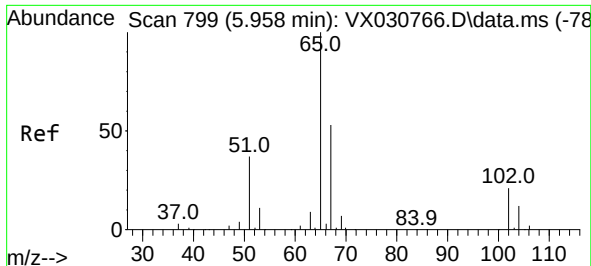
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.520 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

Tgt Ion: 56 Resp: 4487
Ion Ratio Lower Upper
56 100
69 172.6 25.4 38.0#
84 120.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 59.583 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030885.D

Acq: 27 Aug 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

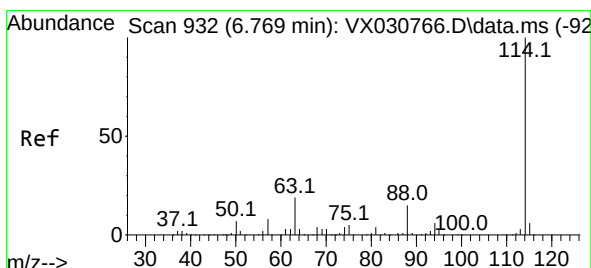
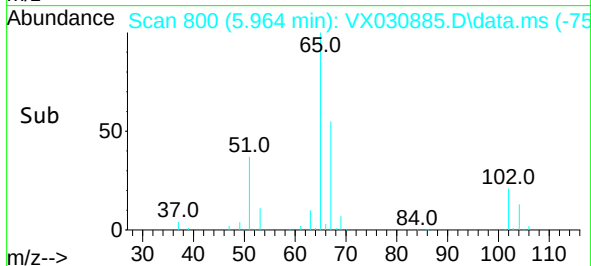
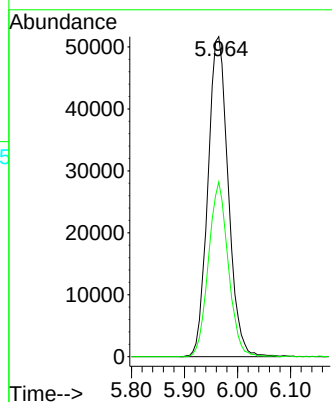
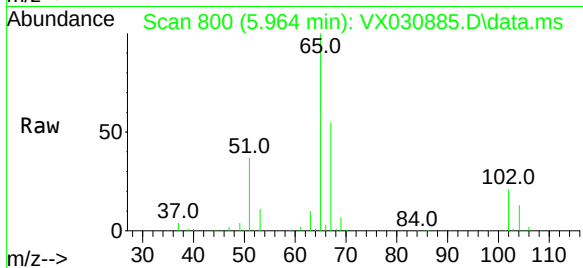
RW9-MW01D3-20220821

Tgt Ion: 65 Resp: 137507

Ion Ratio Lower Upper

65 100

67 53.1 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: VX030885.D

Acq: 27 Aug 2022 20:59

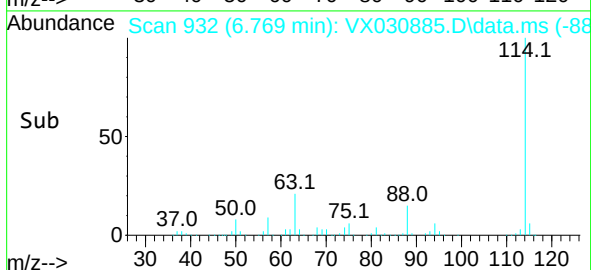
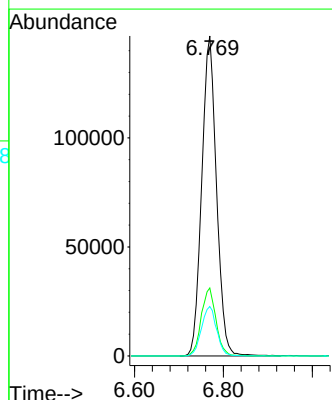
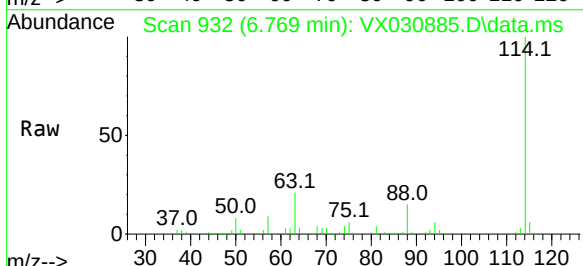
Tgt Ion: 114 Resp: 339487

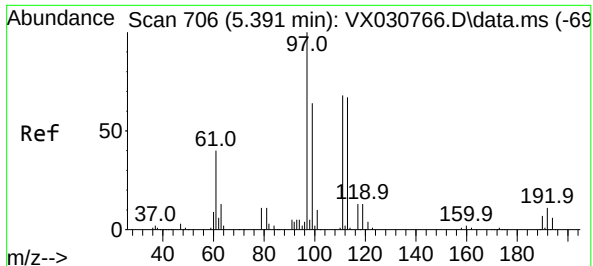
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.719 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030885.D

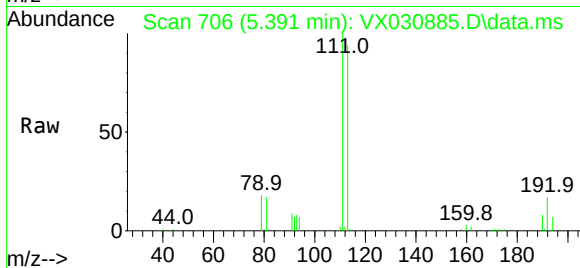
Acq: 27 Aug 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D3-20220821



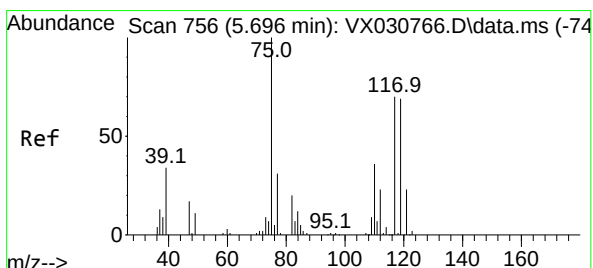
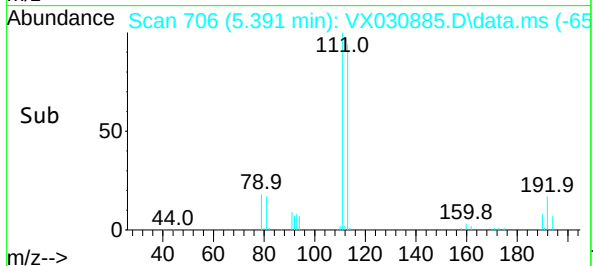
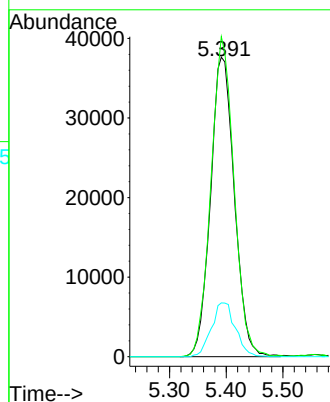
Tgt Ion:113 Resp: 109994

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

192 18.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.817 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030885.D

Acq: 27 Aug 2022 20:59

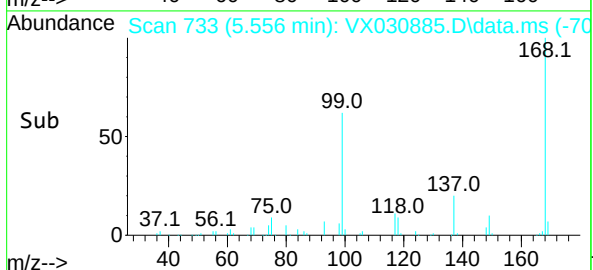
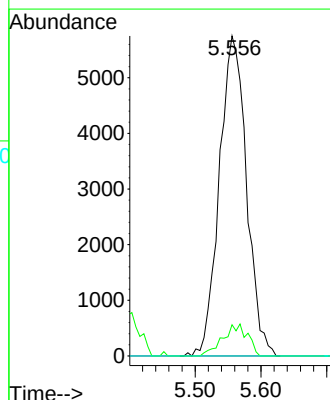
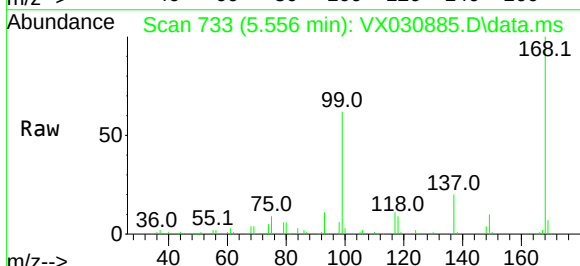
Tgt Ion: 75 Resp: 16528

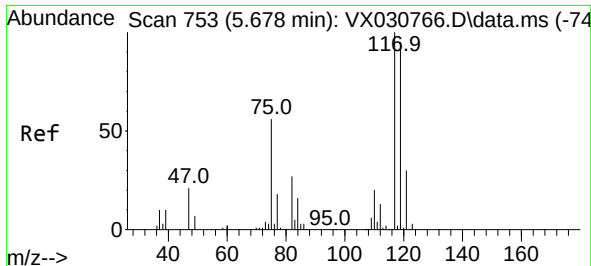
Ion Ratio Lower Upper

75 100

110 9.1 19.3 57.9#

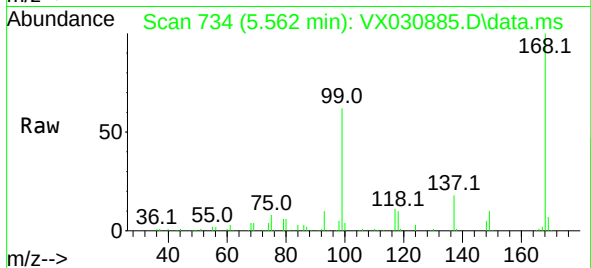
77 0.0 24.4 36.6#



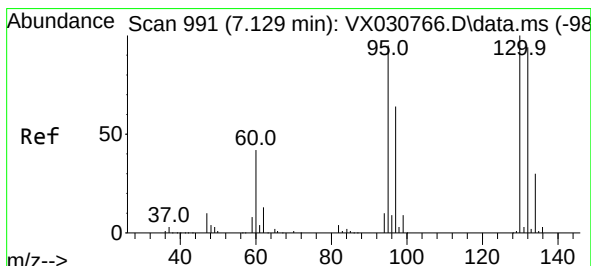
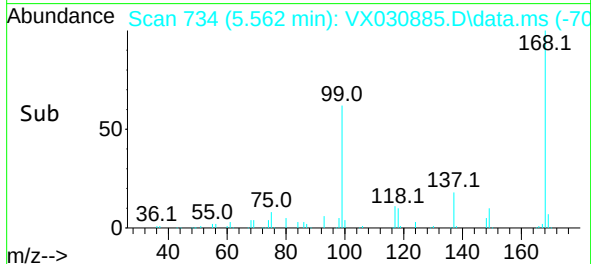
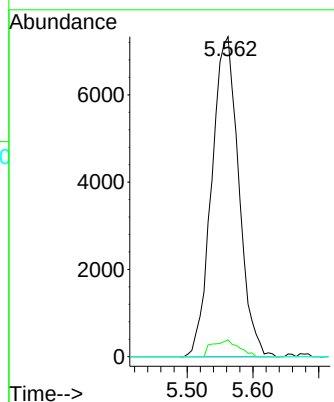


#38
Carbon Tetrachloride
Concen: 6.993 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821

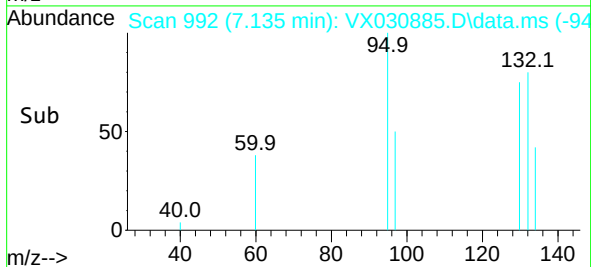
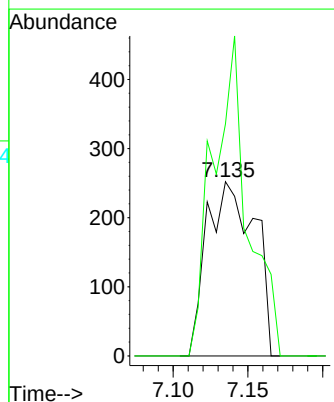
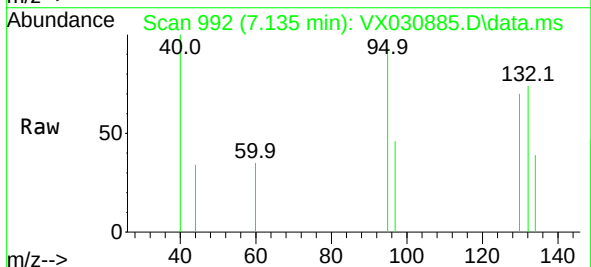


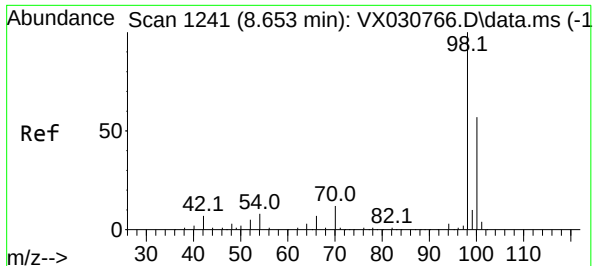
Tgt Ion:117 Resp: 20958
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.228 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

Tgt Ion:130 Resp: 561
Ion Ratio Lower Upper
130 100
95 133.3 0.0 194.8

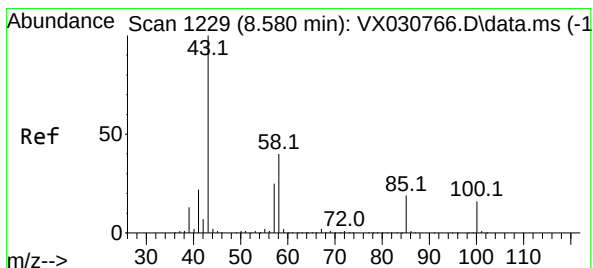
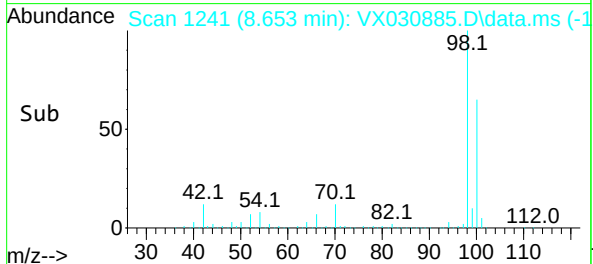
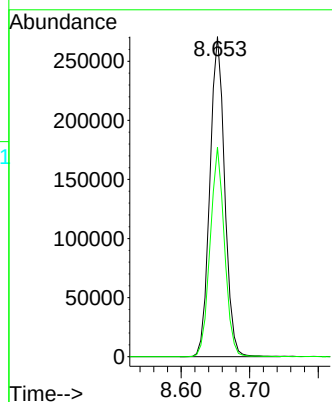
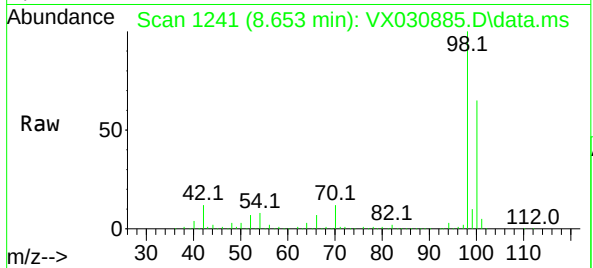




#50
Toluene-d8
Concen: 56.058 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

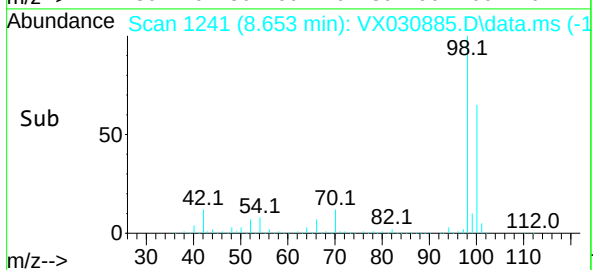
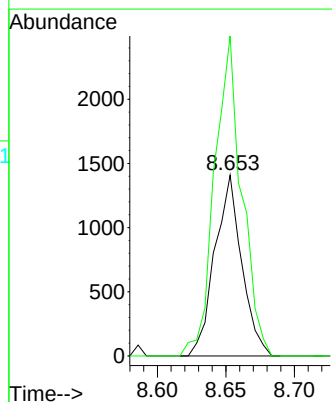
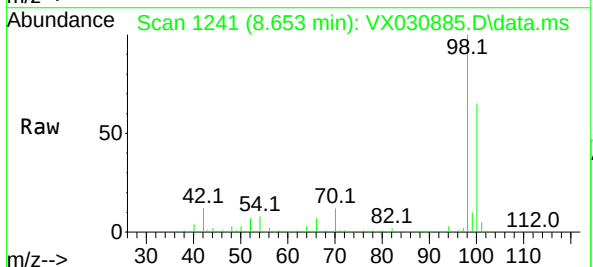
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821

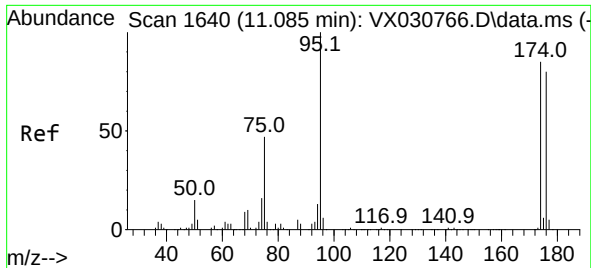
Tgt Ion: 98 Resp: 407573
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
58 178.6 31.4 47.2#

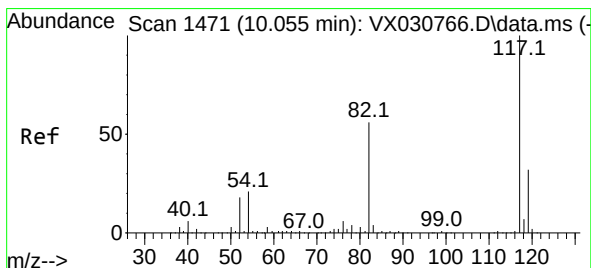
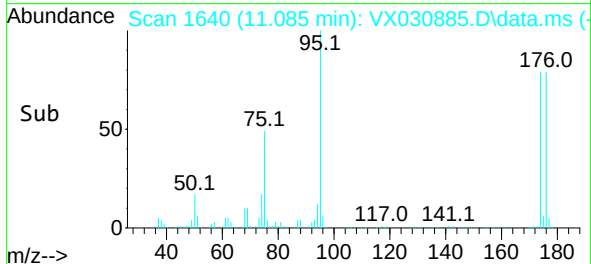
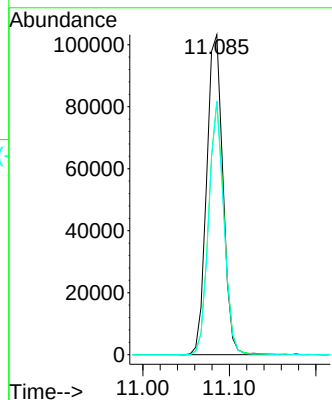
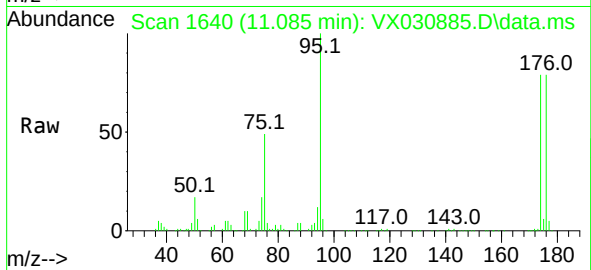




#62
4-Bromofluorobenzene
Concen: 49.790 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

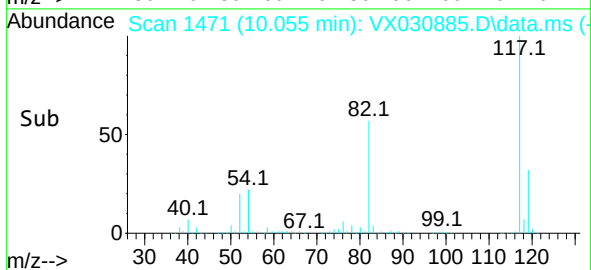
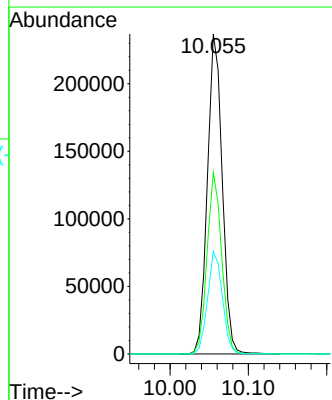
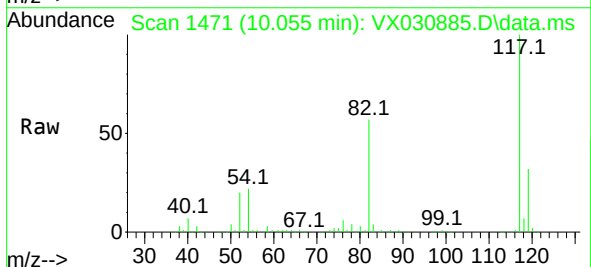
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20220821

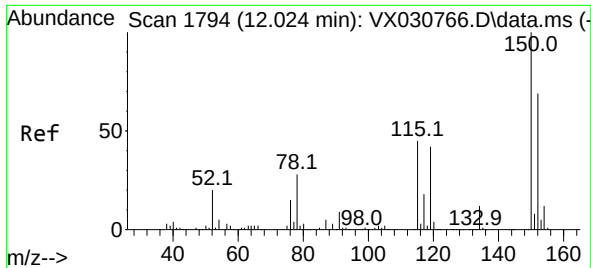
Tgt Ion: 95 Resp: 134773
Ion Ratio Lower Upper
95 100
174 74.9 0.0 149.0
176 73.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030885.D
Acq: 27 Aug 2022 20:59

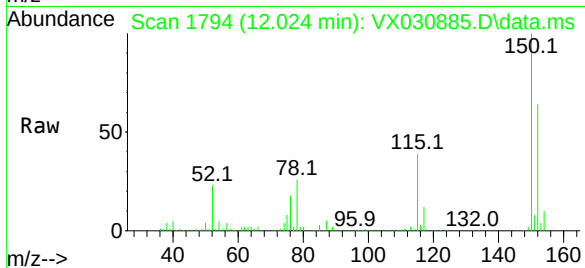
Tgt Ion: 117 Resp: 310823
Ion Ratio Lower Upper
117 100
82 56.7 42.7 64.1
119 32.1 25.4 38.2



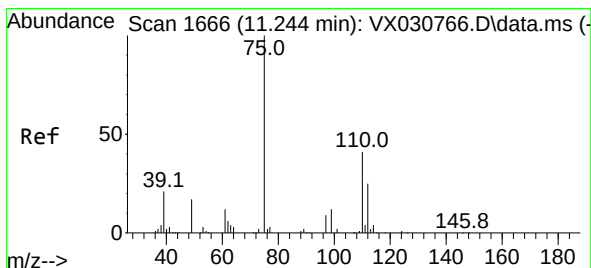
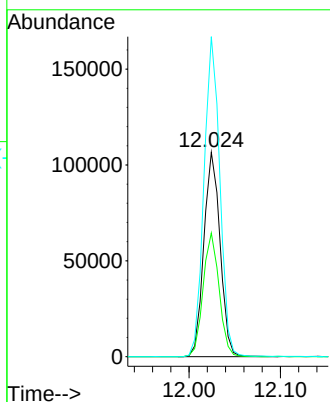
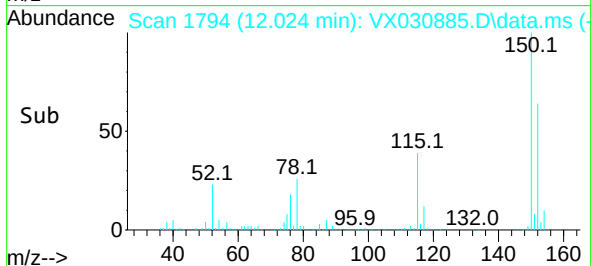


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030885.D
 Acq: 27 Aug 2022 20:59

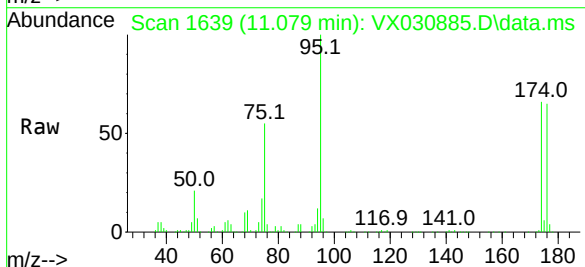
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D3-20220821



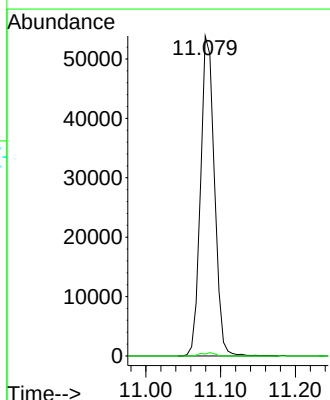
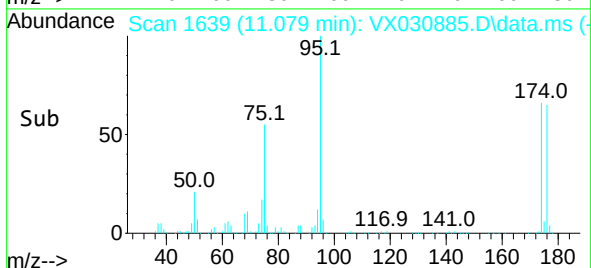
Tgt Ion:152 Resp: 130814
 Ion Ratio Lower Upper
 152 100
 115 59.7 40.5 121.5
 150 153.4 0.0 347.0

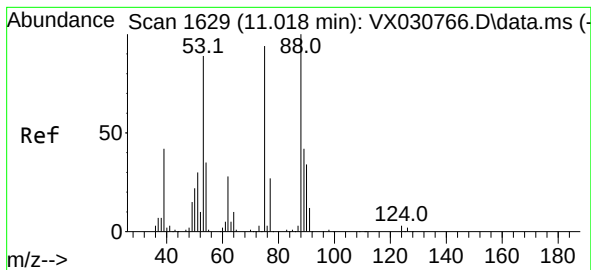


#76
 1,2,3-Trichloropropane
 Concen: 24.306 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030885.D
 Acq: 27 Aug 2022 20:59



Tgt Ion: 75 Resp: 69660
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.8 59.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 78.421 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX030885.D

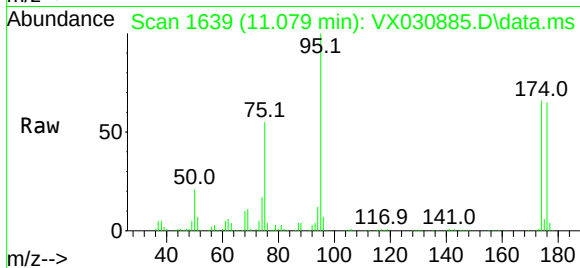
Acq: 27 Aug 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D3-20220821



Tgt Ion: 75 Resp: 69660

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

