

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030884.D
 Acq On : 27 Aug 2022 20:35
 Operator : JC/MD
 Sample : N4297-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20220821

Quant Time: Aug 29 01:12:20 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)

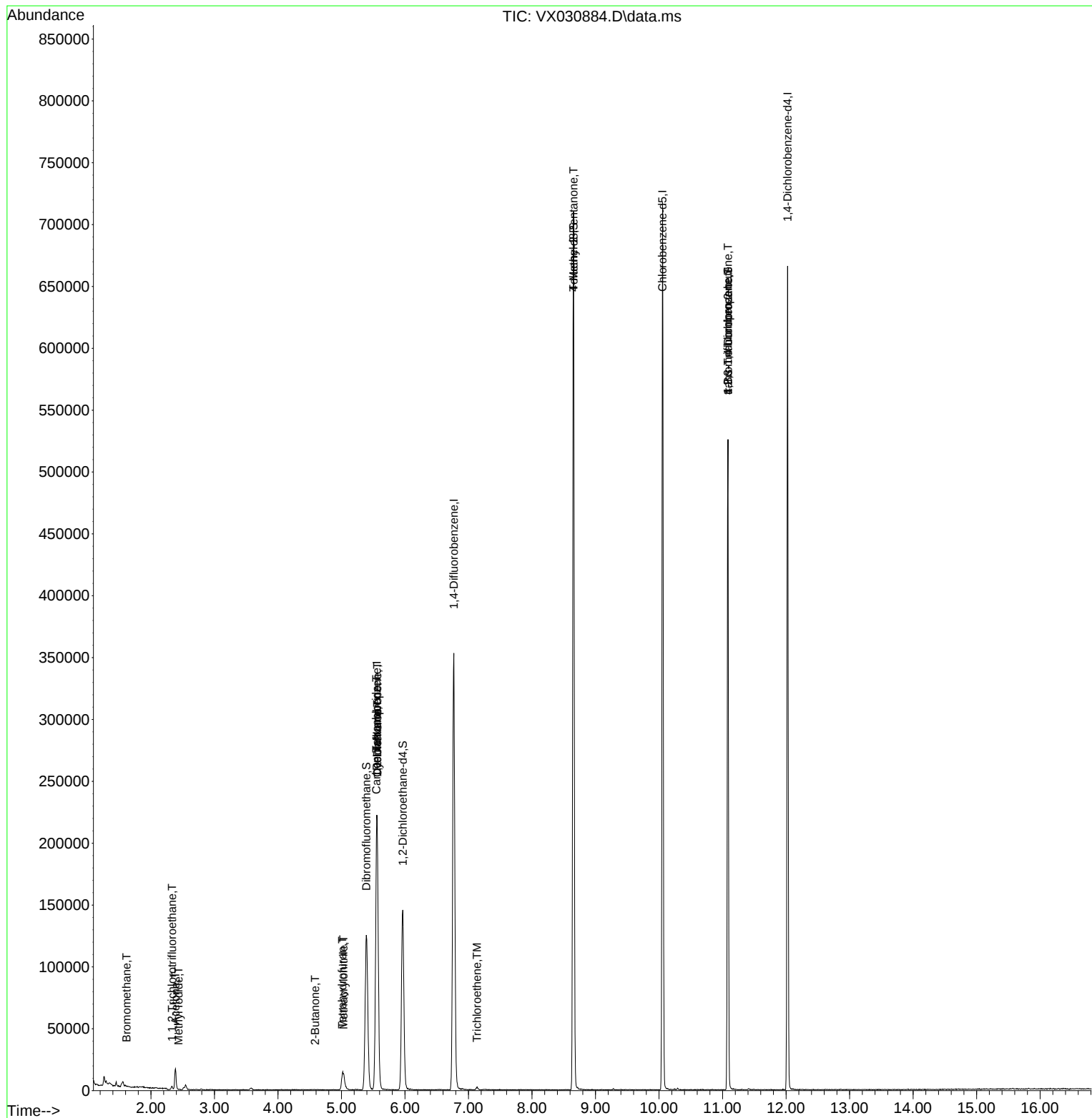
Internal Standards						
1) Pentafluorobenzene	5.556	168	204432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138493	57.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.180%			
35) Dibromofluoromethane	5.391	113	111853	51.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	8.653	98	415074	54.957	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.920%			
62) 4-Bromofluorobenzene	11.085	95	136993	48.720	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	390	Below Cal	#	79
4) Vinyl Chloride	1.563	62	26	Below Cal	#	43
5) Bromomethane	1.618	94	195	0.205 ug/l	#	49
6) Chloroethane	1.697	64	198	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	1327	0.667 ug/l		86
10) Methyl Iodide	2.435	142	20	4.041 ug/l	#	45
16) Acetone	2.386	43	17682	15.912 ug/l		91
17) Carbon Disulfide	2.514	76	1746	Below Cal	#	79
20) Methylene Chloride	2.782	84	345	Below Cal	#	38
25) 2-Butanone	4.587	43	373	0.208 ug/l	#	48
29) Tetrahydrofuran	5.013	42	14398	12.324 ug/l		93
31) Cyclohexane	5.562	56	4151	1.350 ug/l	#	1
36) 1,1-Dichloropropene	5.562	75	17228	5.837 ug/l	#	49
38) Carbon Tetrachloride	5.550	117	21721	6.977 ug/l	#	17
41) Methacrylonitrile	5.032	41	8398	4.299 ug/l	#	47
44) Trichloroethene	7.135	130	788	0.309 ug/l		74
51) 4-Methyl-2-Pentanone	8.653	43	1901	0.535 ug/l	#	1
76) 1,2,3-Trichloropropane	11.085	75	71364	24.328 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	71364	78.492 ug/l	#	13

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

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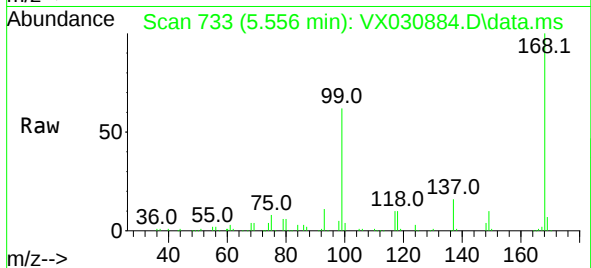
Quant Time: Aug 29 01:12:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
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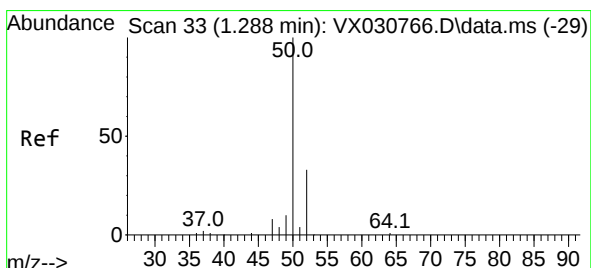
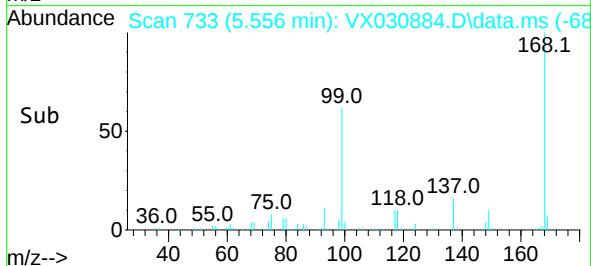
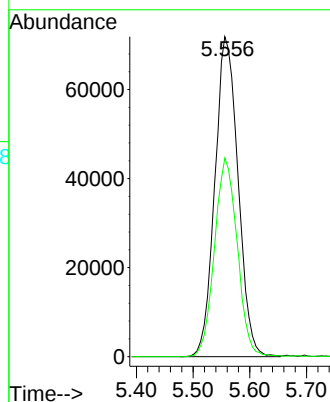


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

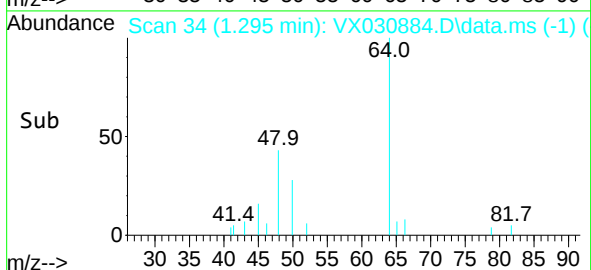
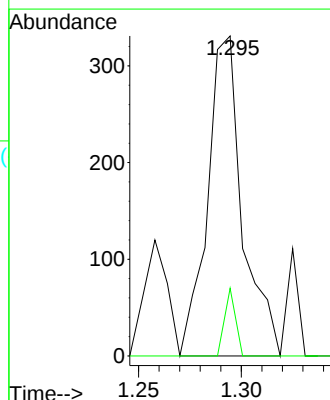
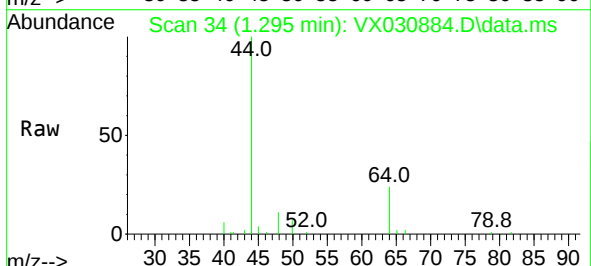


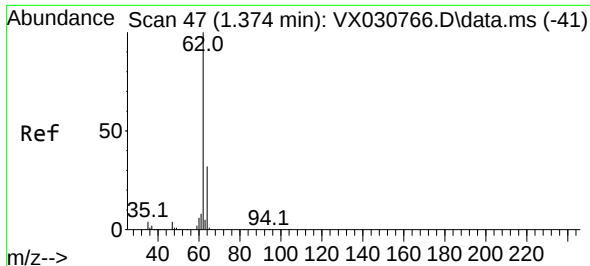
Tgt Ion:168 Resp: 204432
Ion Ratio Lower Upper
168 100
99 62.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 21.1 26.3 39.5#

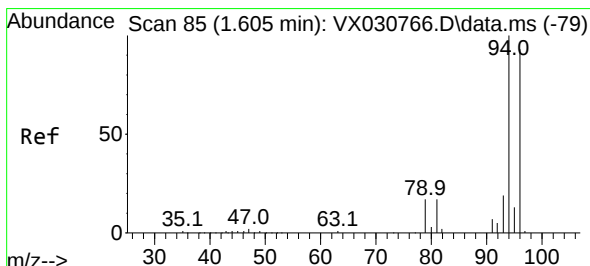
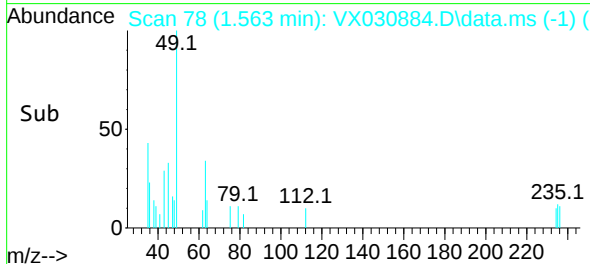
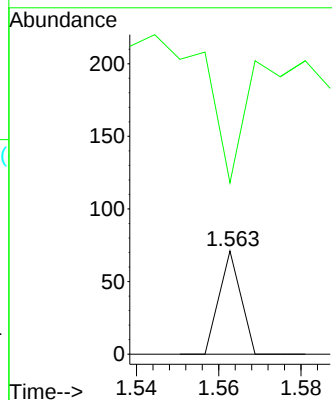
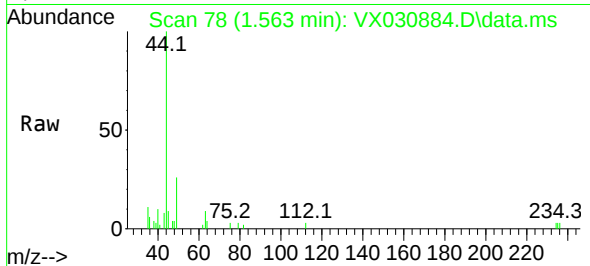




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.563 min Scan# 71
 Delta R.T. 0.189 min
 Lab File: VX030884.D
 Acq: 27 Aug 2022 20:35

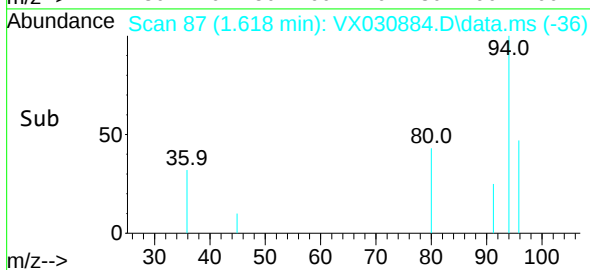
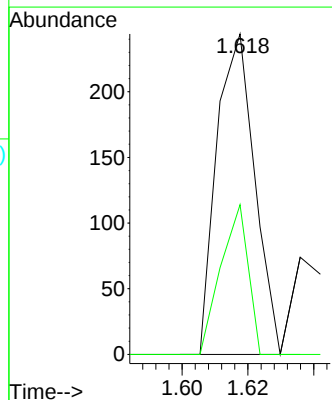
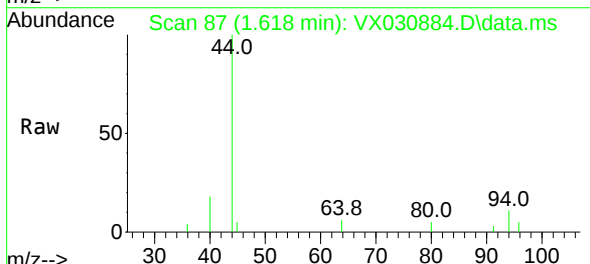
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20220821

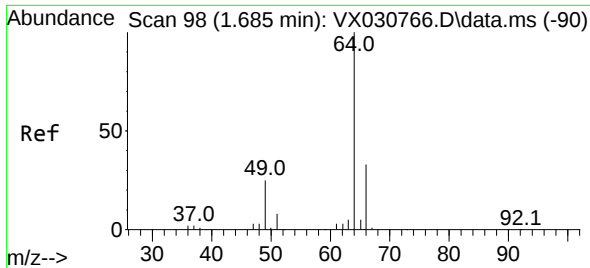
Tgt Ion: 62 Resp: 26
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.205 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: VX030884.D
 Acq: 27 Aug 2022 20:35

Tgt Ion: 94 Resp: 195
 Ion Ratio Lower Upper
 94 100
 96 46.7 76.9 115.3#

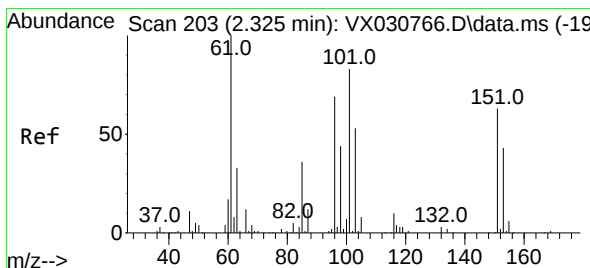
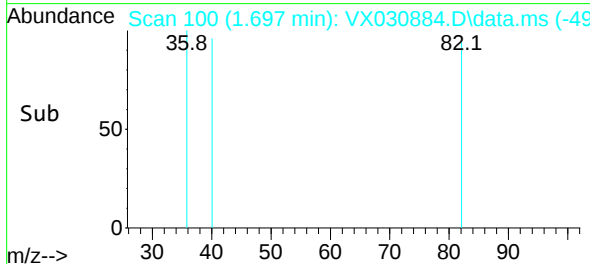
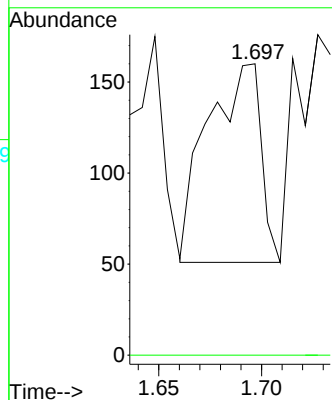
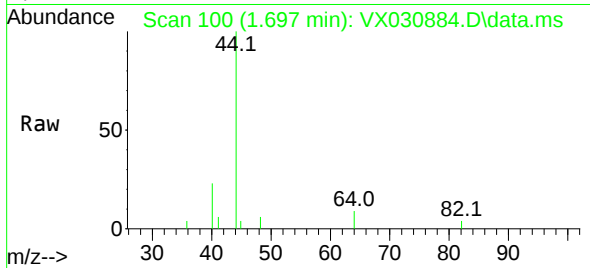




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

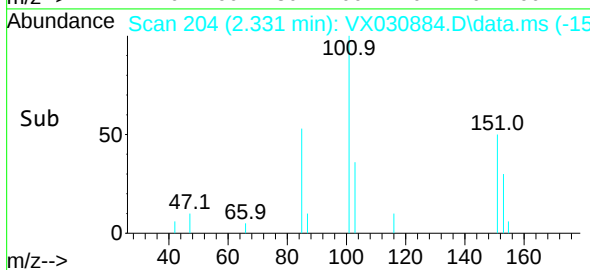
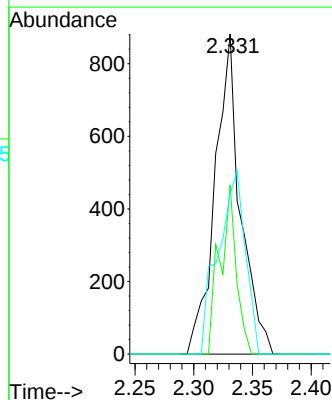
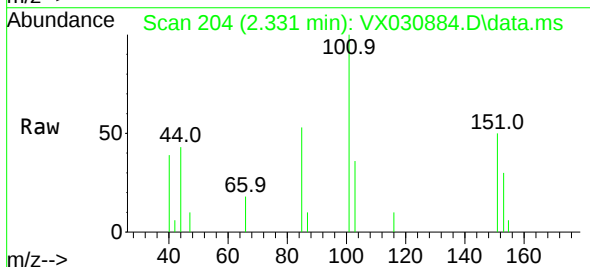
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

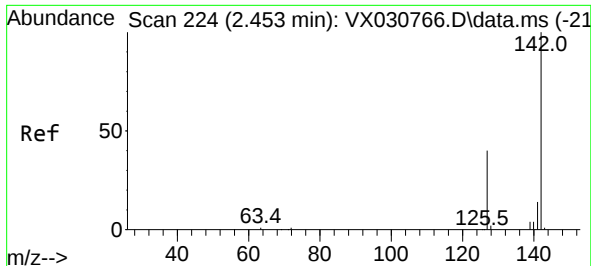
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.667 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

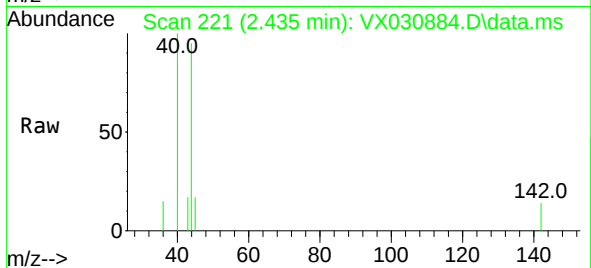
Tgt Ion: 101 Resp: 1327
Ion Ratio Lower Upper
101 100
85 34.4 34.0 51.0
151 61.3 59.4 89.0



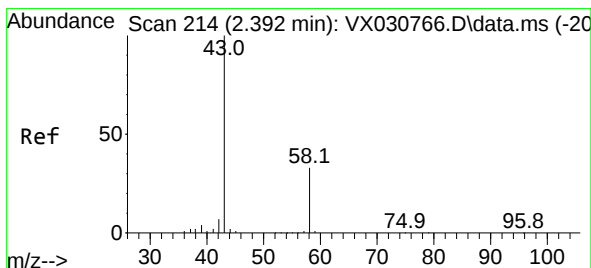
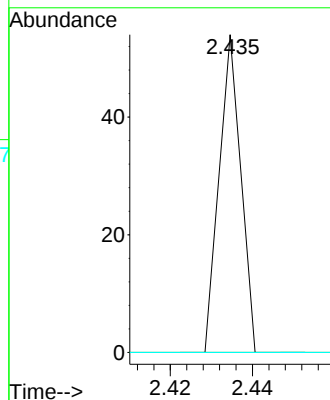
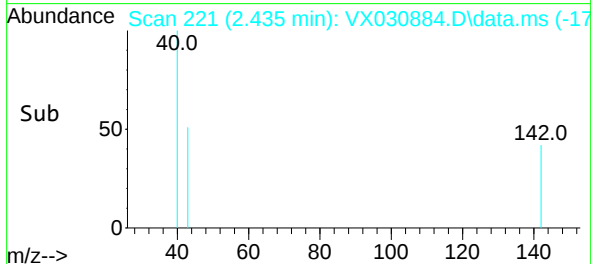


#10
Methyl Iodide
Concen: 4.041 ug/l
RT: 2.435 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

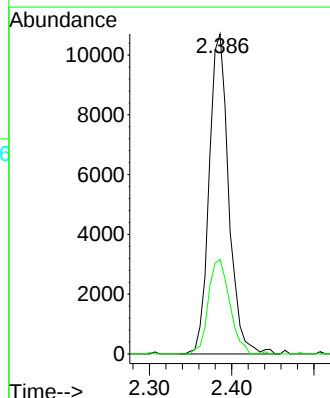
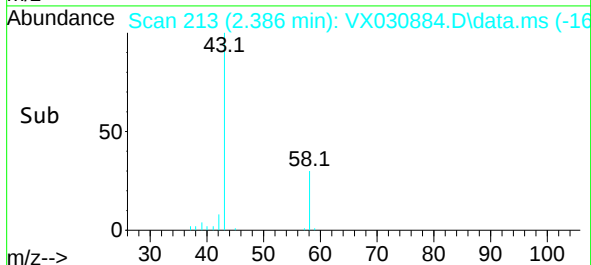
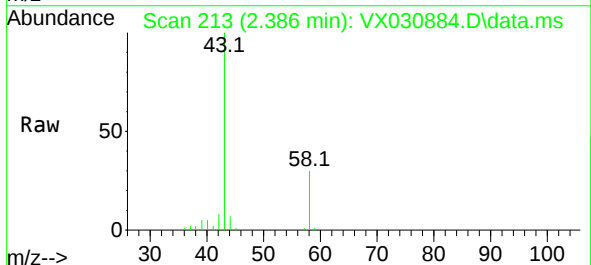


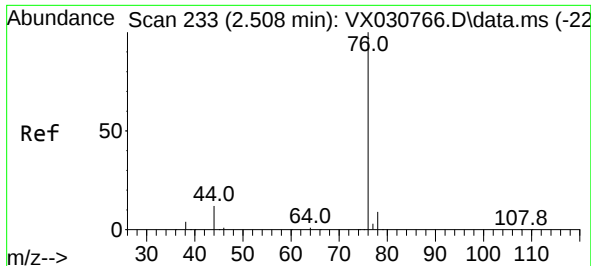
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 15.912 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion: 43 Resp: 17682
Ion Ratio Lower Upper
43 100
58 29.5 27.7 41.5





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030884.D

Acq: 27 Aug 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

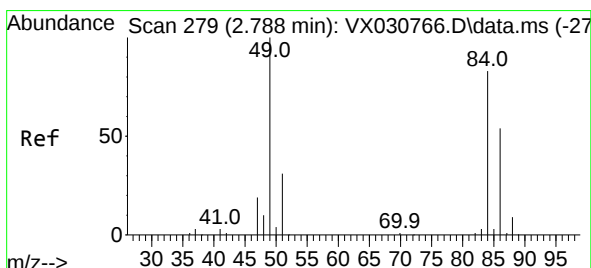
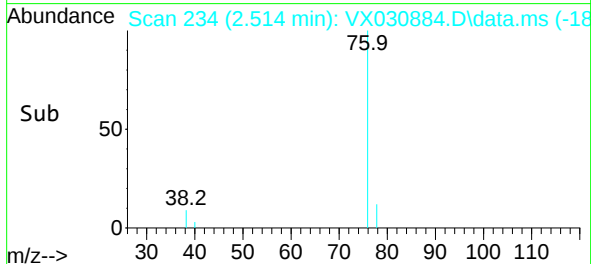
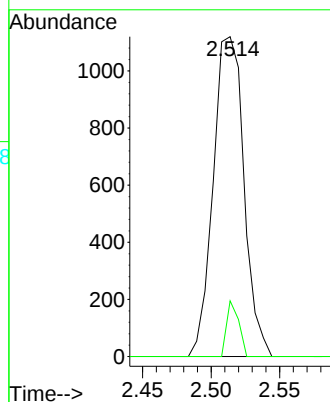
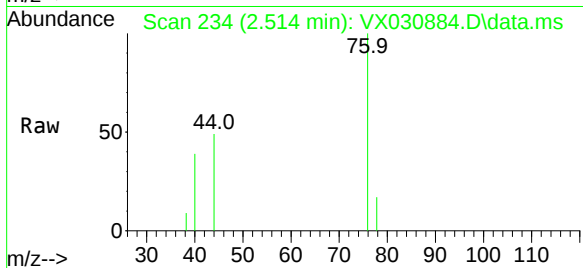
RW9-MW01D1-20220821

Tgt Ion: 76 Resp: 1746

Ion Ratio Lower Upper

76 100

78 17.4 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX030884.D

Acq: 27 Aug 2022 20:35

Tgt Ion: 84 Resp: 345

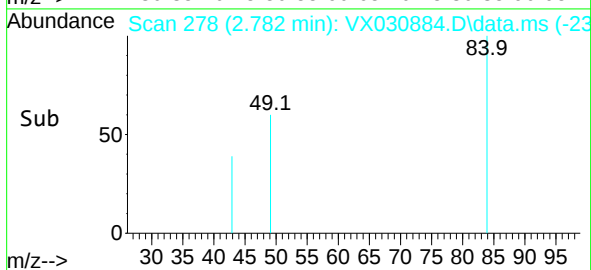
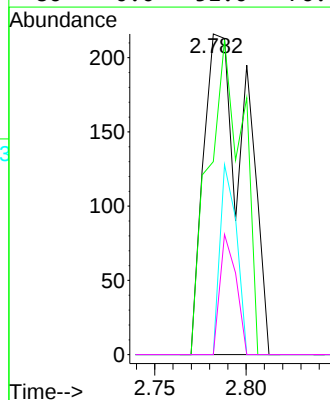
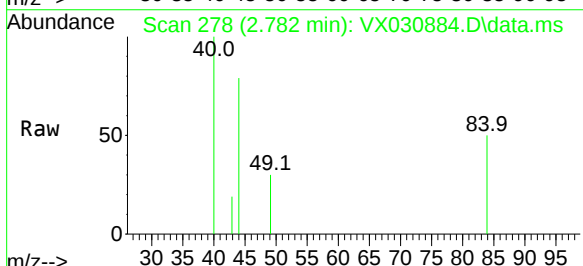
Ion Ratio Lower Upper

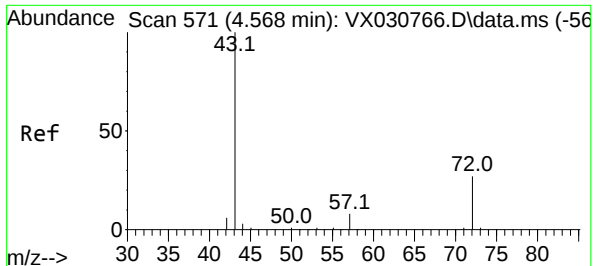
84 100

49 60.2 93.8 140.6#

51 0.0 29.4 44.0#

86 0.0 51.0 76.4#





#25

2-Butanone

Concen: 0.208 ug/l

RT: 4.587 min Scan# 5

Delta R.T. 0.019 min

Lab File: VX030884.D

Acq: 27 Aug 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

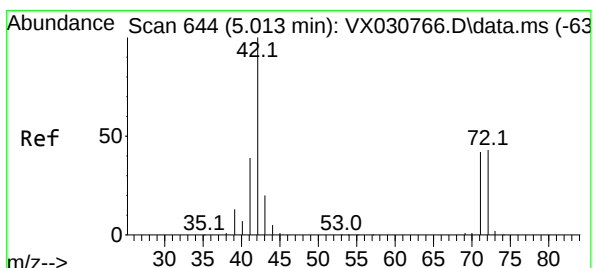
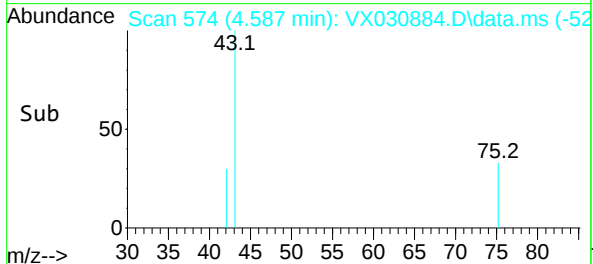
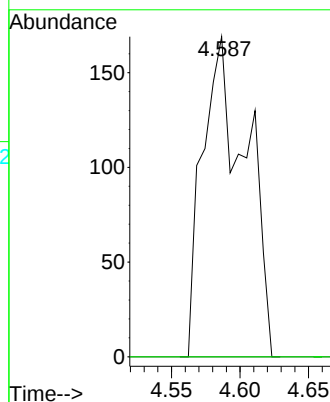
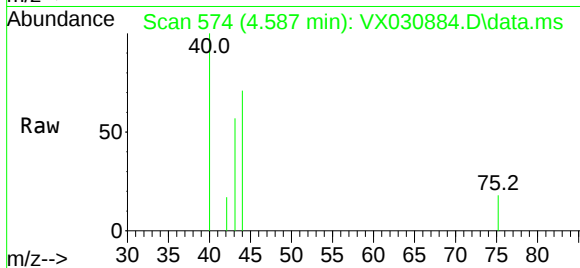
RW9-MW01D1-20220821

Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#29

Tetrahydrofuran

Concen: 12.324 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030884.D

Acq: 27 Aug 2022 20:35

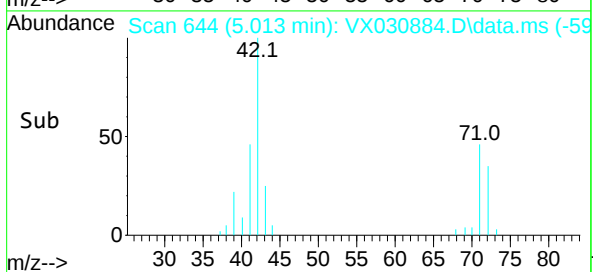
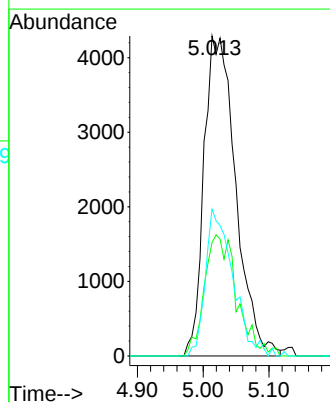
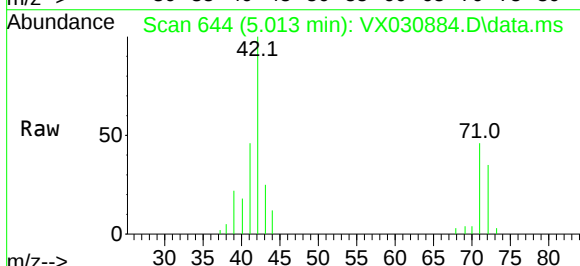
Tgt Ion: 42 Resp: 14398

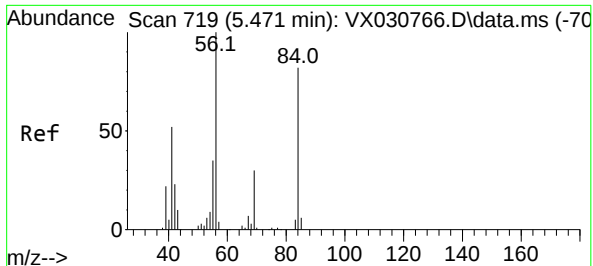
Ion Ratio Lower Upper

42 100

72 38.8 36.5 54.7

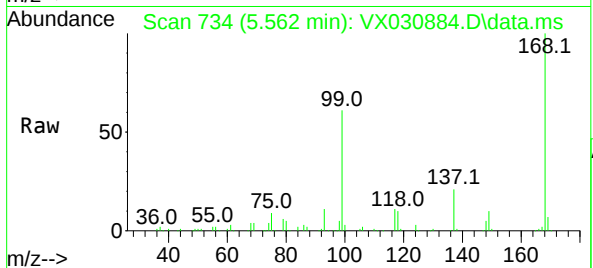
71 39.7 33.9 50.9



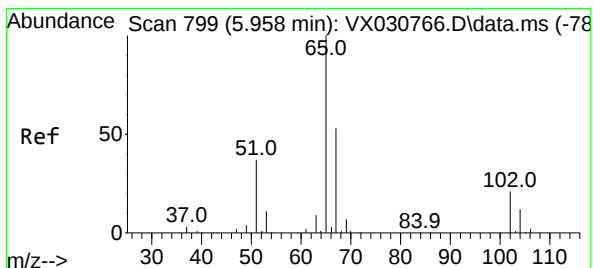
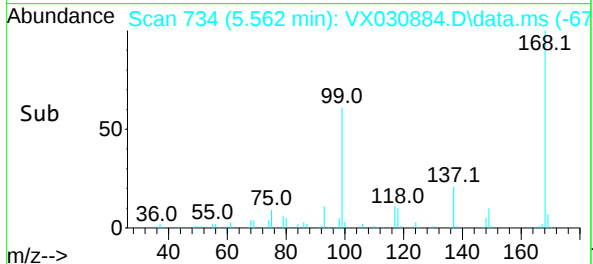
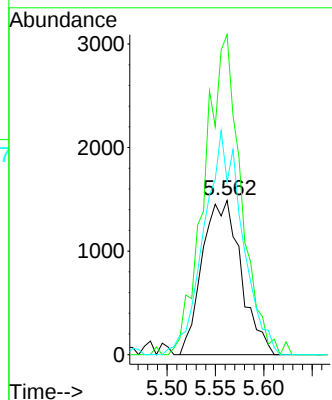


#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

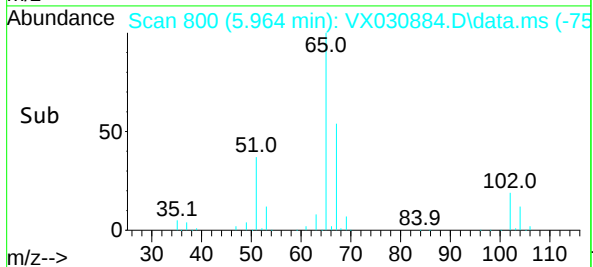
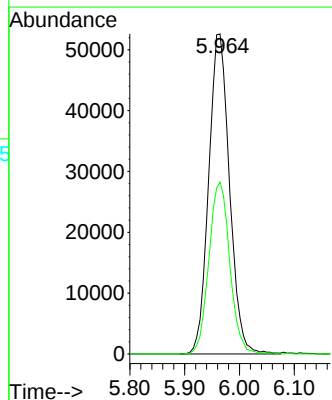
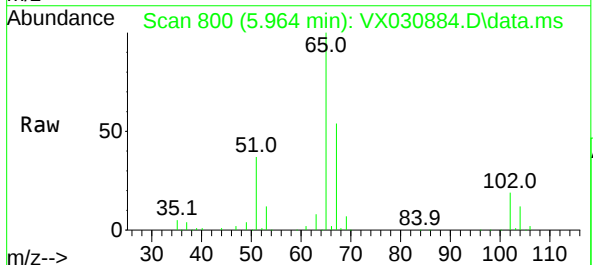


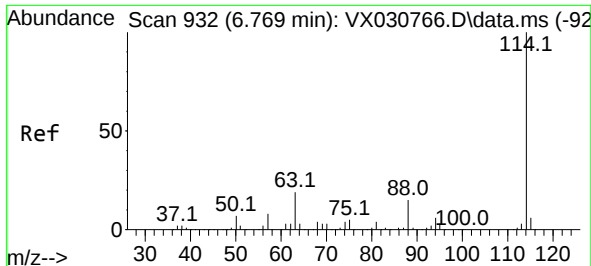
Tgt Ion: 56 Resp: 4151
Ion Ratio Lower Upper
56 100
69 207.4 25.4 38.0#
84 112.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 57.593 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion: 65 Resp: 138493
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

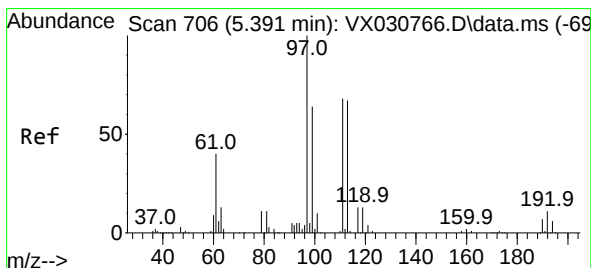
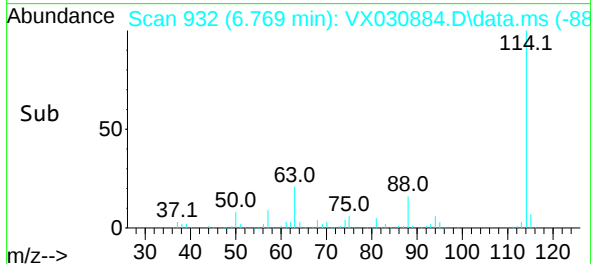
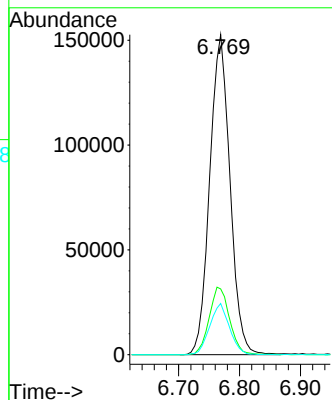
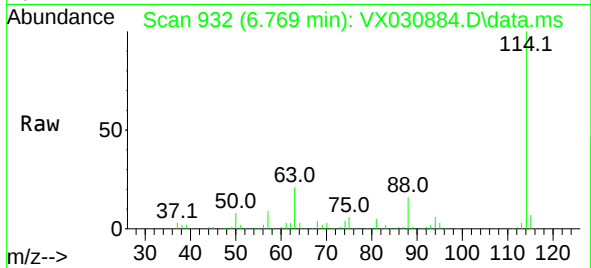




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

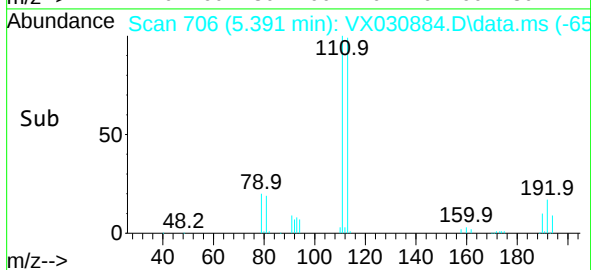
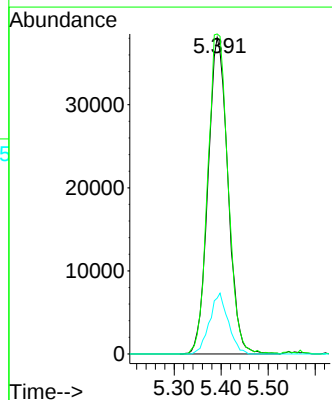
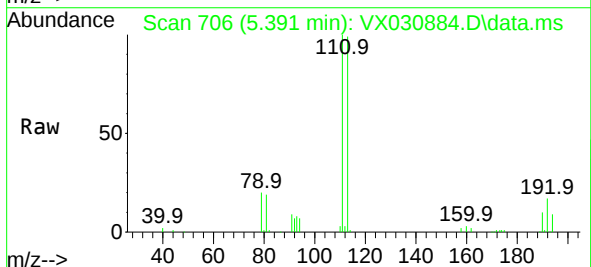
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

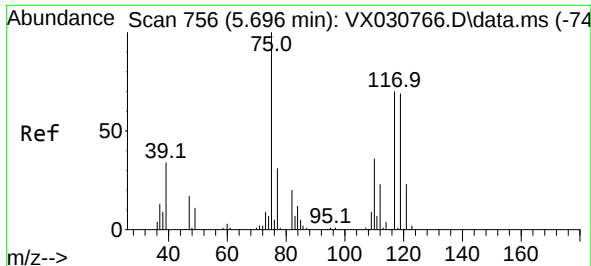
Tgt Ion:114 Resp: 352662
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.4
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.607 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion:113 Resp: 111853
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 18.0 14.8 22.2

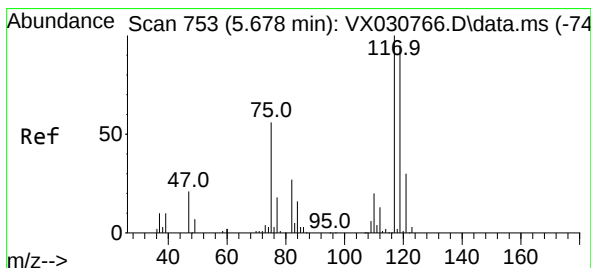
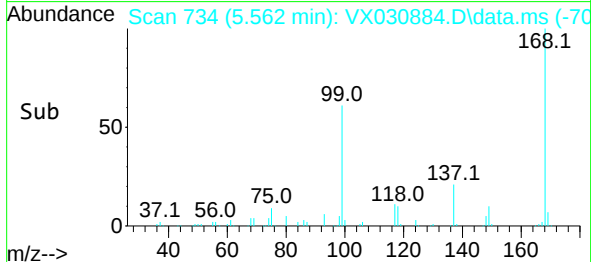
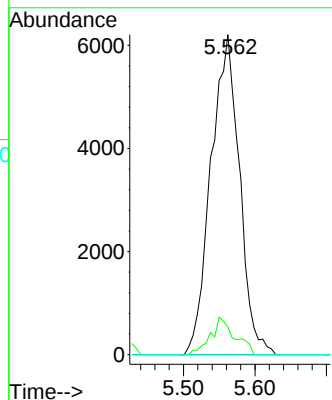
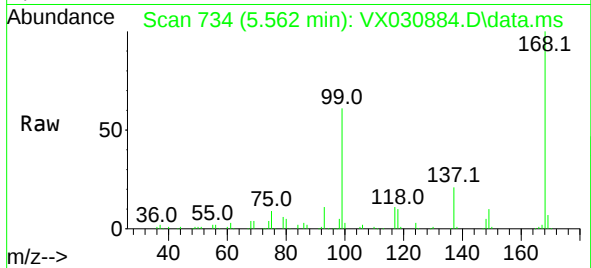




#36
1,1-Dichloropropene
Concen: 5.837 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

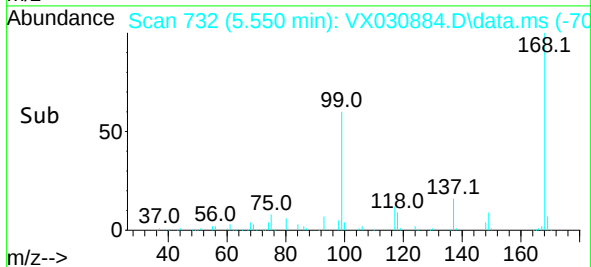
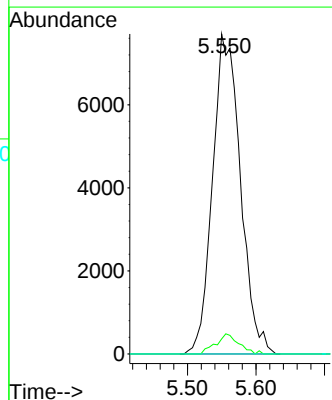
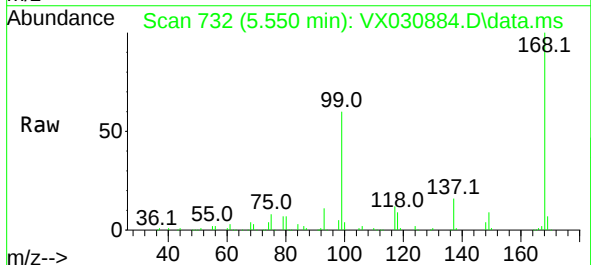
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

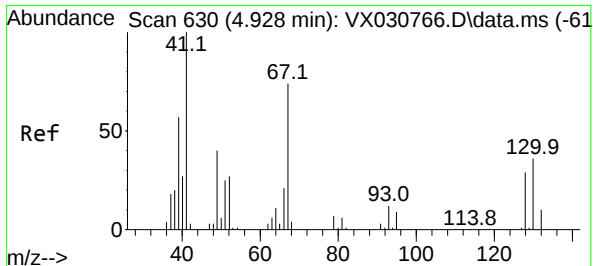
Tgt Ion: 75 Resp: 17228
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.977 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion: 117 Resp: 21721
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.8 38.8#

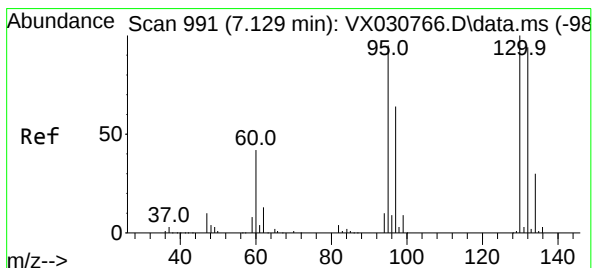
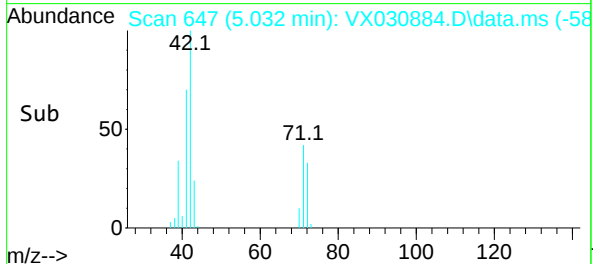
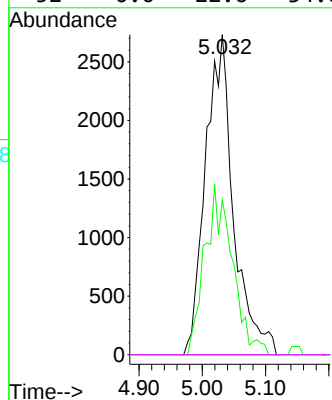
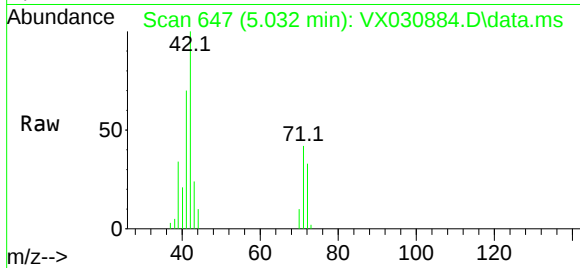




#41
Methacrylonitrile
Concen: 4.299 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

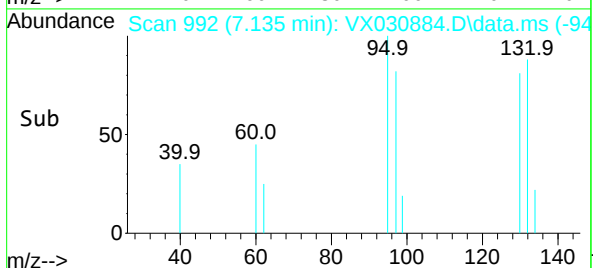
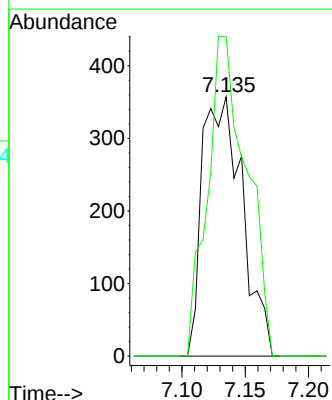
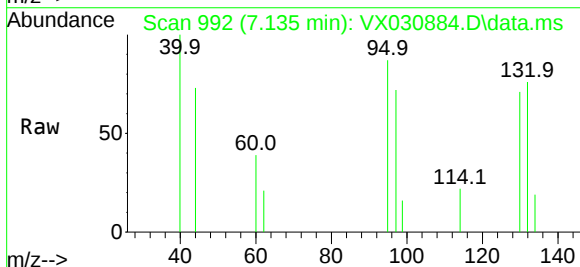
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

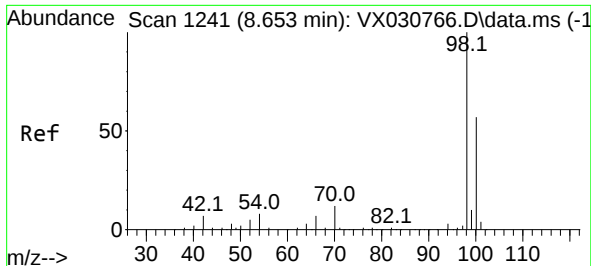
Tgt Ion: 41	Resp:	8398
Ion Ratio	Lower	Upper
41	100	
39	51.0	42.9 64.3
67	0.0	60.1 90.1#
52	0.0	22.6 34.0#



#44
Trichloroethene
Concen: 0.309 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion: 130	Resp:	788
Ion Ratio	Lower	Upper
130	100	
95	123.2	0.0 194.8

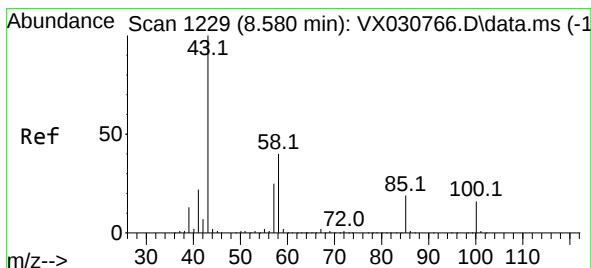
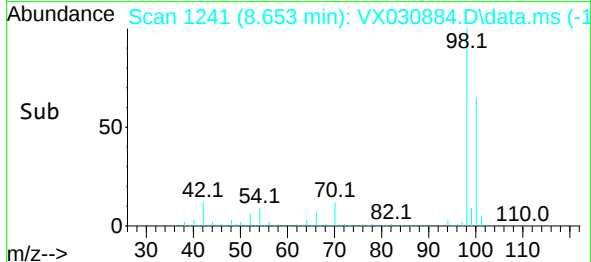
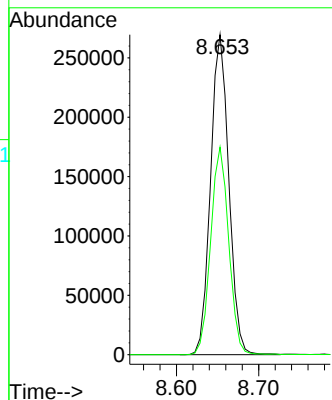
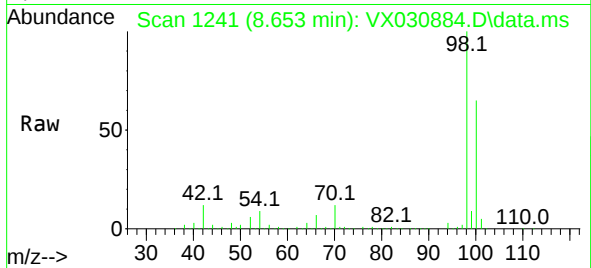




#50
Toluene-d8
Concen: 54.957 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

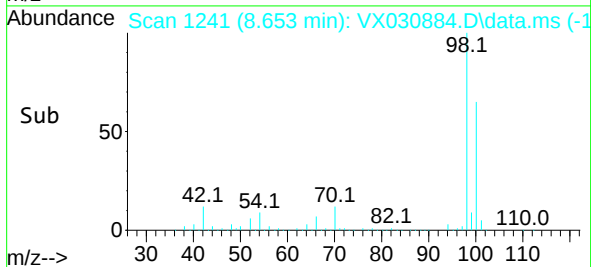
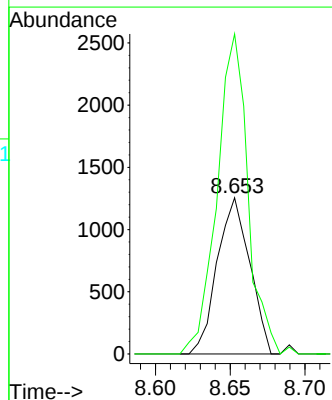
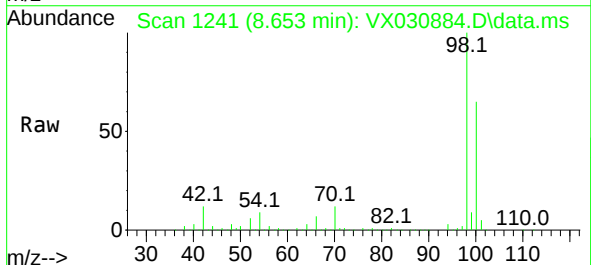
Instrument : MSVOA_X
ClientSampleId : RW9-MW01D1-20220821

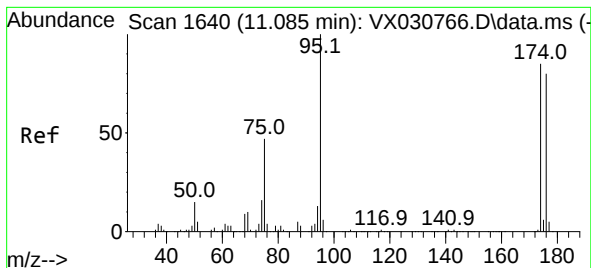
Tgt Ion: 98 Resp: 415074
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 194.4 31.4 47.2#

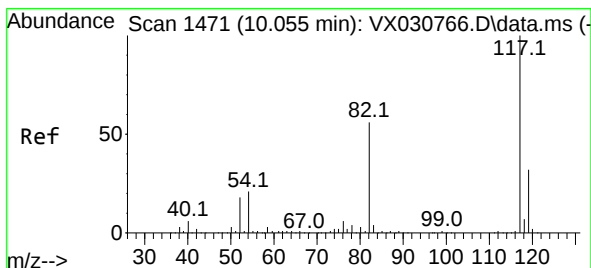
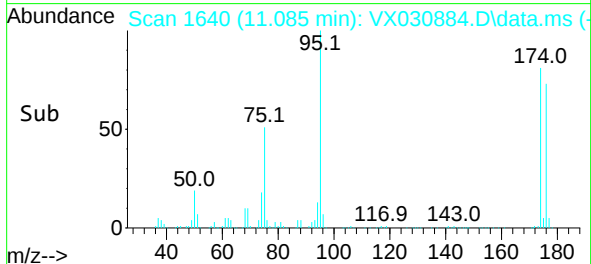
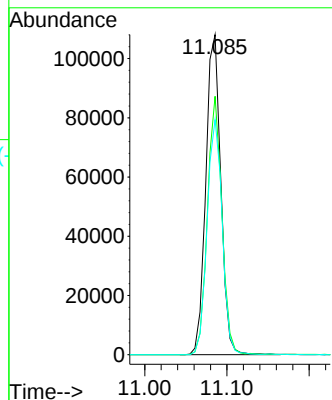
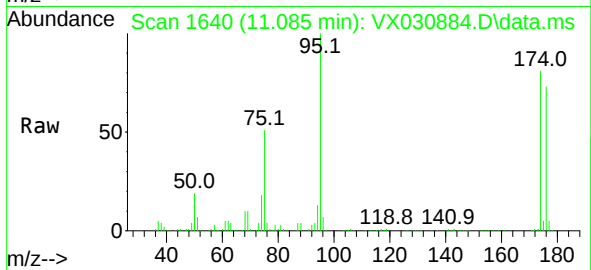




#62
4-Bromofluorobenzene
Concen: 48.720 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

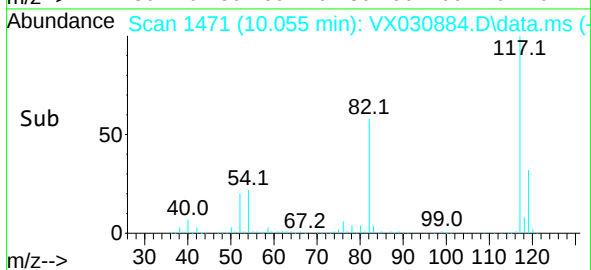
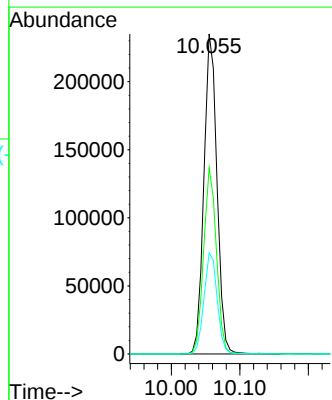
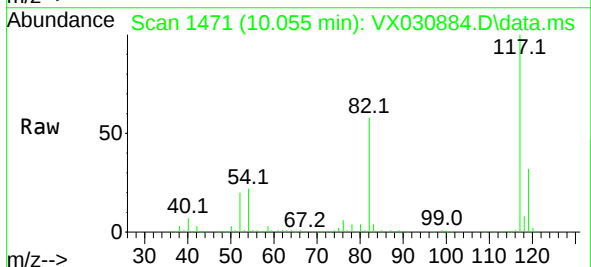
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

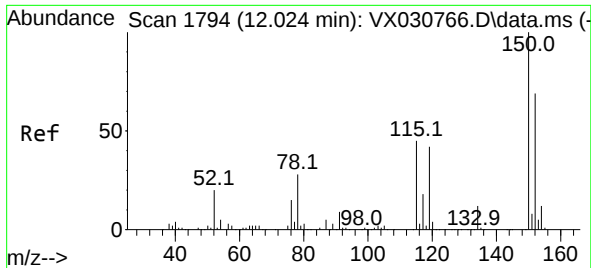
Tgt Ion: 95 Resp: 136993
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.0
176 73.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030884.D
Acq: 27 Aug 2022 20:35

Tgt Ion: 117 Resp: 312287
Ion Ratio Lower Upper
117 100
82 58.2 42.7 64.1
119 31.6 25.4 38.2

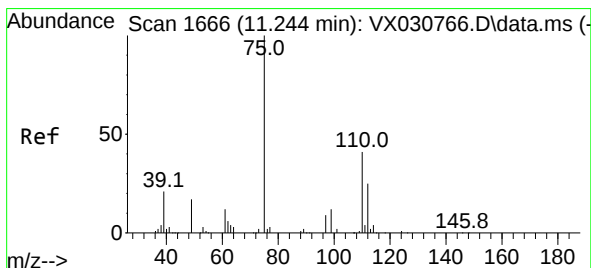
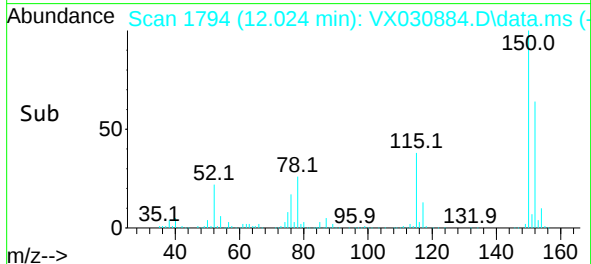
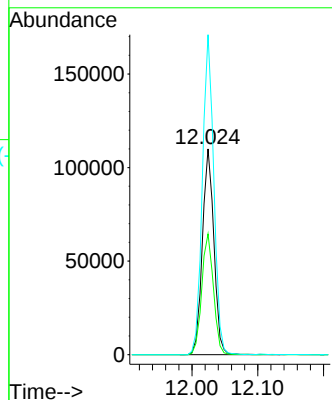
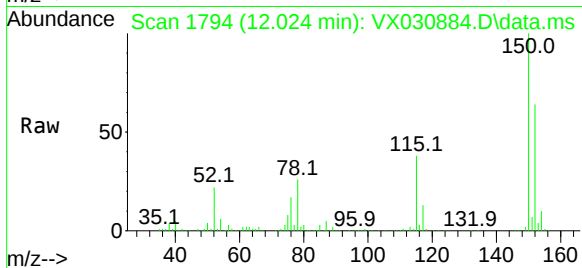




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030884.D
 Acq: 27 Aug 2022 20:35

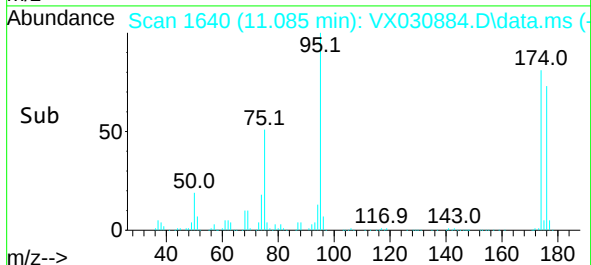
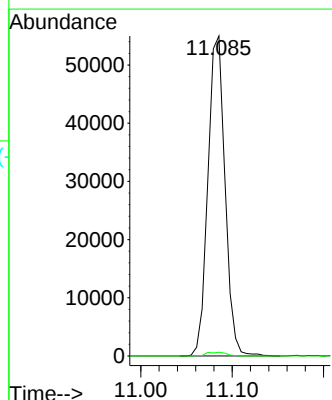
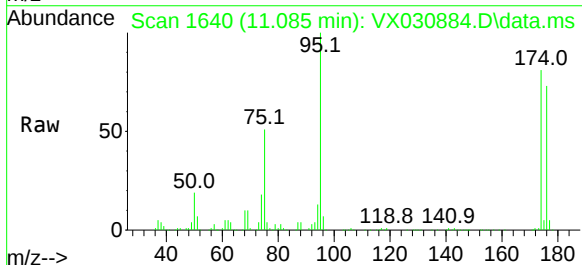
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20220821

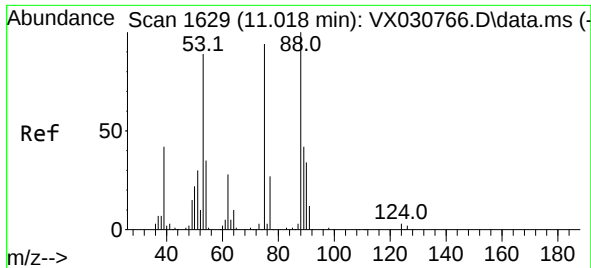
Tgt Ion:152 Resp: 133893
 Ion Ratio Lower Upper
 152 100
 115 59.5 40.5 121.5
 150 153.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.328 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030884.D
 Acq: 27 Aug 2022 20:35

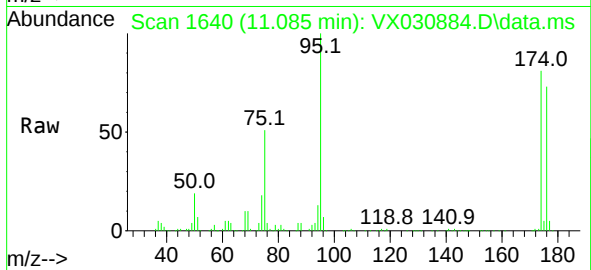
Tgt Ion: 75 Resp: 71364
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.492 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030884.D
 Acq: 27 Aug 2022 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20220821



Tgt Ion: 75 Resp: 71364
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

