

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030883.D
 Acq On : 27 Aug 2022 20:12
 Operator : JC/MD
 Sample : N4297-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20220821

Quant Time: Aug 29 01:12:09 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)

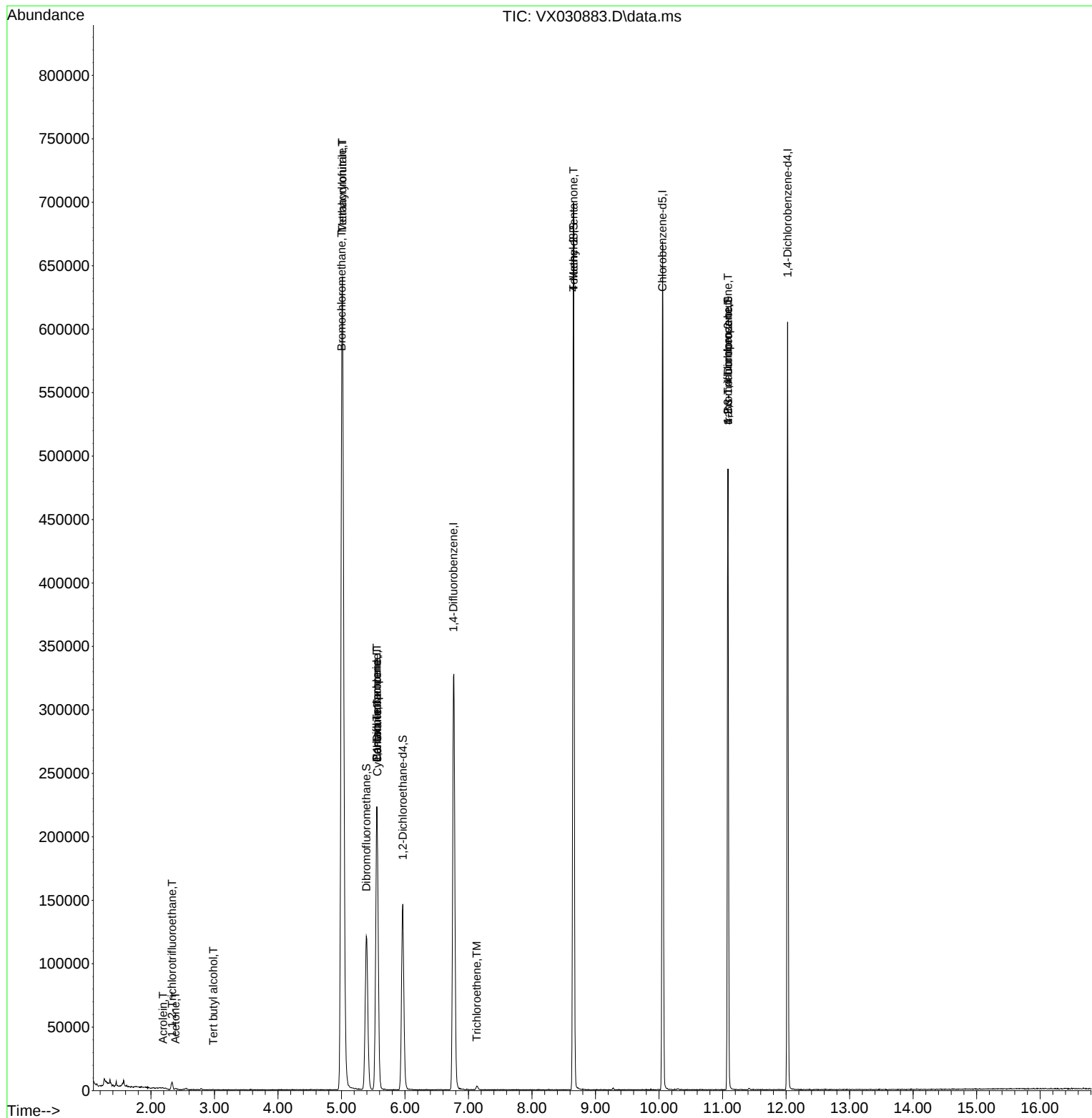
Internal Standards						
1) Pentafluorobenzene	5.556	168	202883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	339039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137041	57.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.840%
35) Dibromofluoromethane	5.391	113	108438	52.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	8.653	98	401222	55.258	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.520%
62) 4-Bromofluorobenzene	11.085	95	127067	47.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	351	Below Cal	#	76
4) Vinyl Chloride	1.410	62	67	Below Cal	#	1
6) Chloroethane	1.697	64	210	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	2620	1.326	ug/l	95
11) Tert butyl alcohol	2.983	59	332	0.641	ug/l #	89
13) Acrolein	2.190	56	19	10.092	ug/l #	20
16) Acetone	2.385	43	1219	1.105	ug/l #	62
17) Carbon Disulfide	2.507	76	617	Below Cal	#	74
20) Methylene Chloride	2.782	84	410	Below Cal	#	73
28) Bromochloromethane	5.001	49	1032	0.619	ug/l #	12
29) Tetrahydrofuran	5.013	42	629027	542.535	ug/l	95
31) Cyclohexane	5.562	56	4533	1.485	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	16864	5.943	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21724	7.258	ug/l #	17
41) Methacrylonitrile	5.013	41	351511	187.180	ug/l #	42
44) Trichloroethene	7.128	130	1252	0.510	ug/l	76
51) 4-Methyl-2-Pentanone	8.653	43	1980	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	65145	25.304	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	65145	81.642	ug/l #	13

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

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RW8-MW01D3-20220821

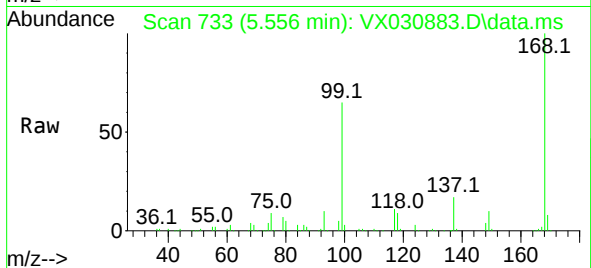
Quant Time: Aug 29 01:12:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
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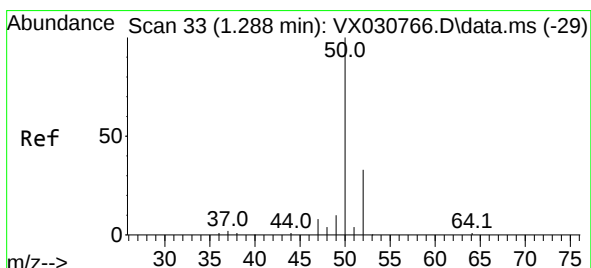
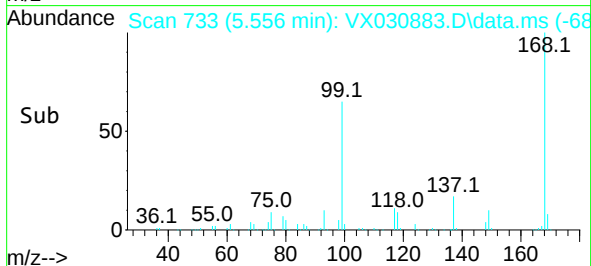
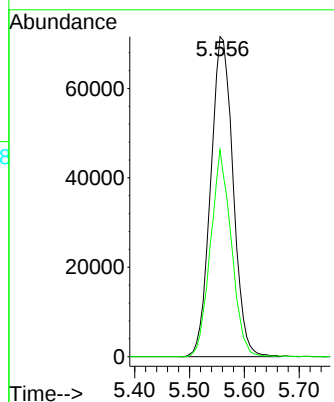


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

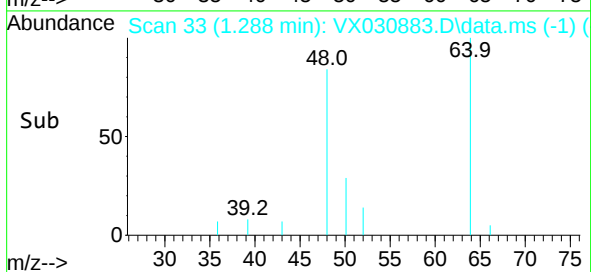
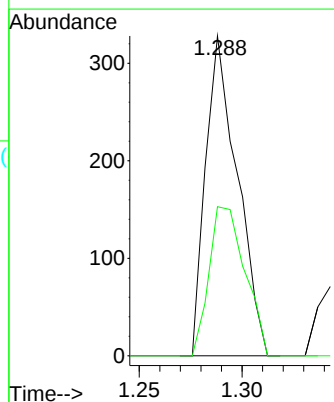
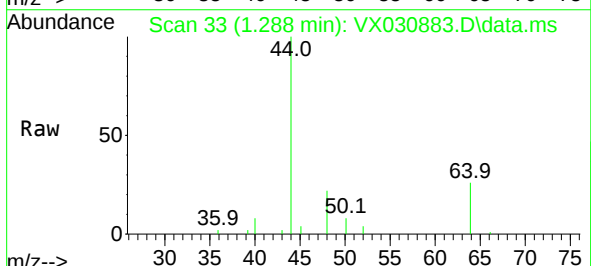


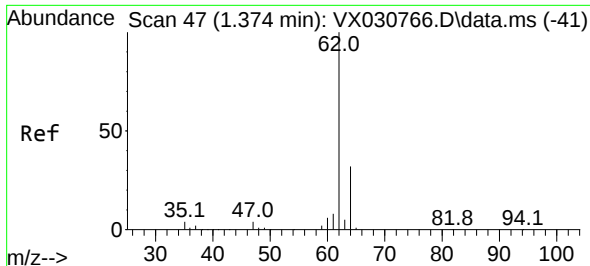
Tgt Ion:168 Resp: 202883
Ion Ratio Lower Upper
168 100
99 64.7 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 46.6 26.3 39.5

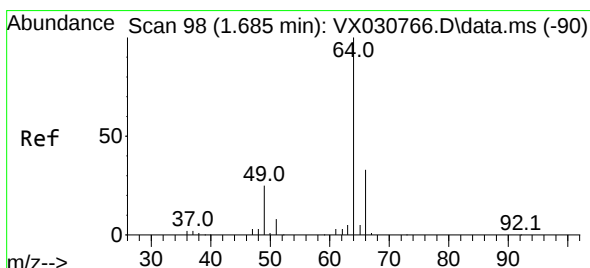
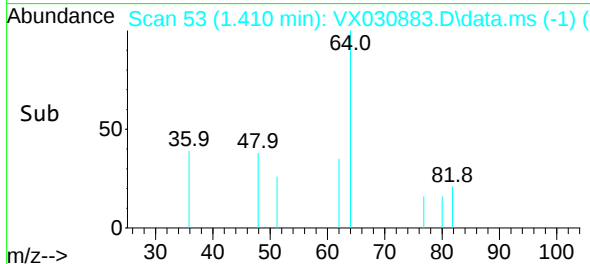
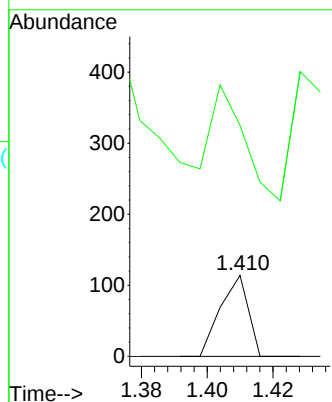
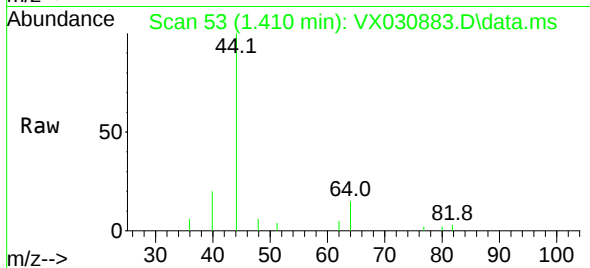




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.410 min Scan# 51
 Delta R.T. 0.036 min
 Lab File: VX030883.D
 Acq: 27 Aug 2022 20:12

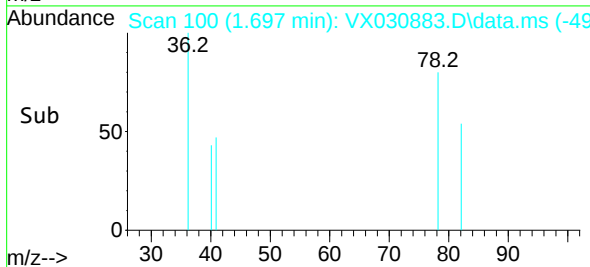
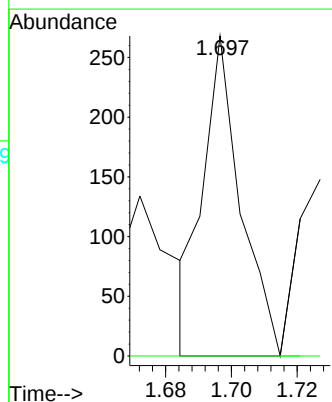
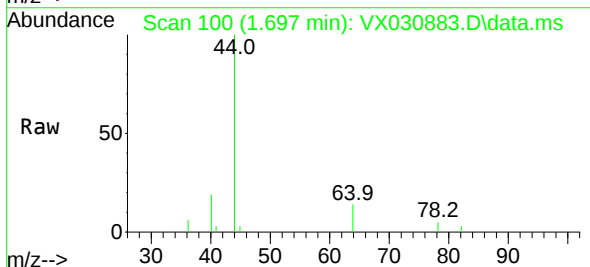
Instrument :
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 ClientSampleId :
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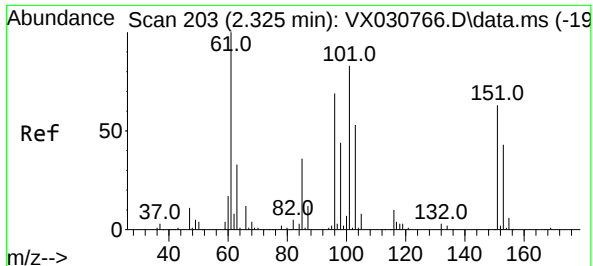
Tgt Ion: 62 Resp: 67
 Ion Ratio Lower Upper
 62 100
 64 93.0 25.2 37.8#



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.697 min Scan# 100
 Delta R.T. 0.012 min
 Lab File: VX030883.D
 Acq: 27 Aug 2022 20:12

Tgt Ion: 64 Resp: 210
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#

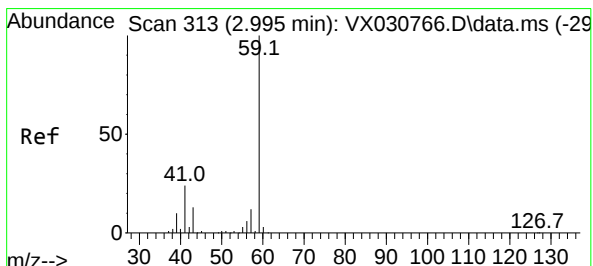
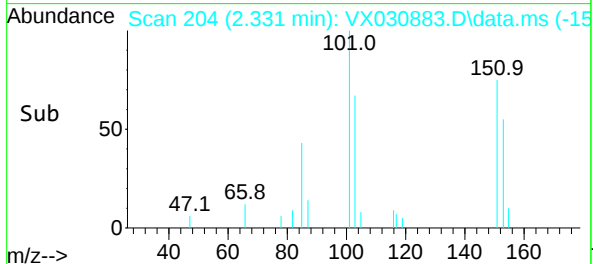
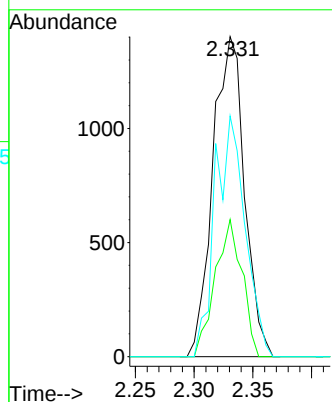
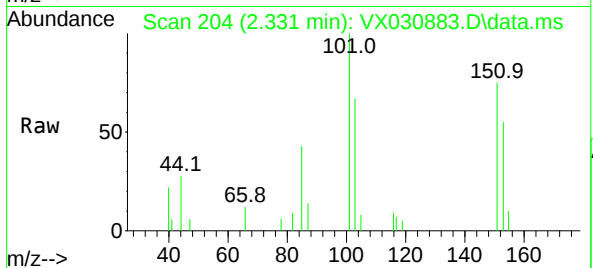




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.326 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

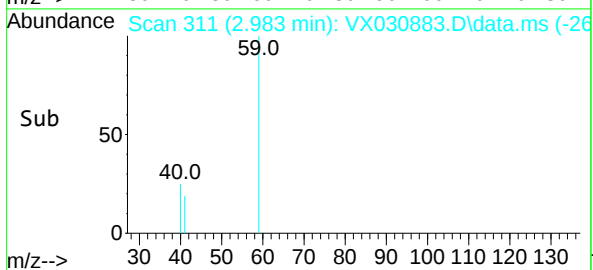
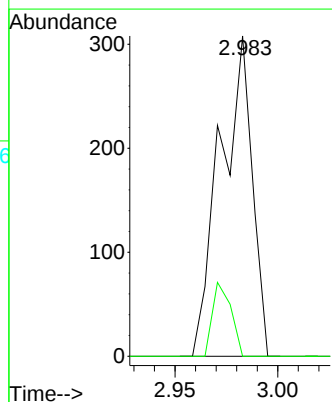
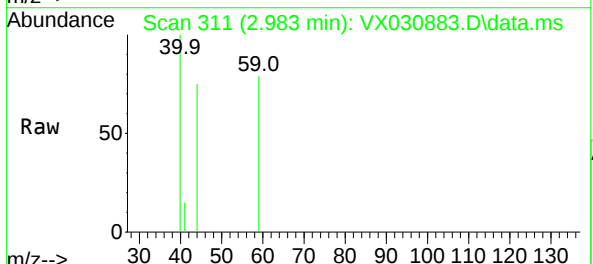
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

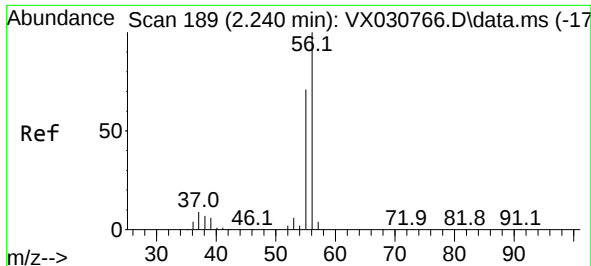
Tgt Ion:101 Resp: 2620
Ion Ratio Lower Upper
101 100
85 36.4 34.0 51.0
151 71.9 59.4 89.0



#11
Tert butyl alcohol
Concen: 0.641 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.013 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion: 59 Resp: 332
Ion Ratio Lower Upper
59 100
57 13.3 7.4 11.2#

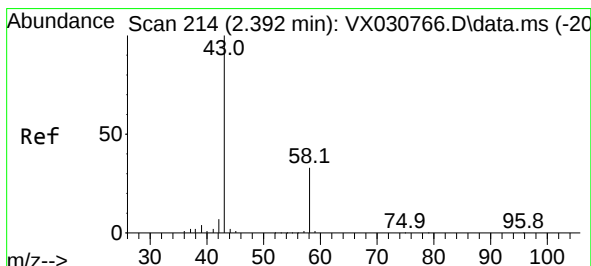
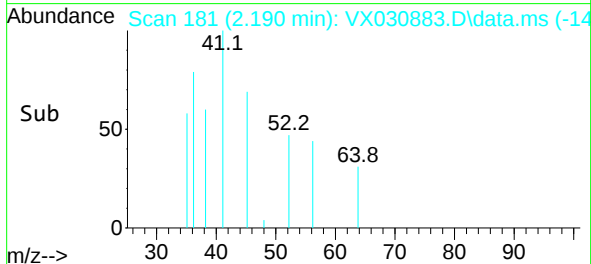
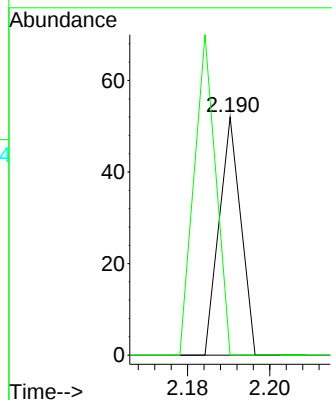
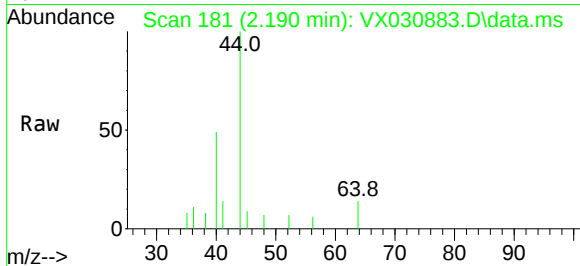




#13
Acrolein
Concen: 10.092 ug/l
RT: 2.190 min Scan# 11
Delta R.T. -0.050 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

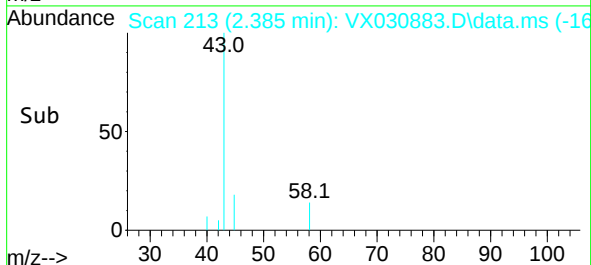
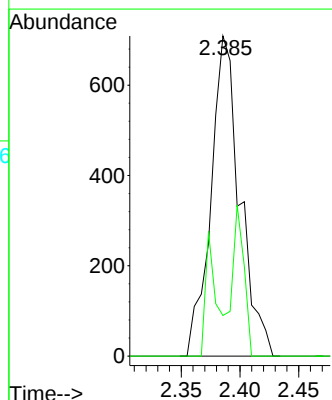
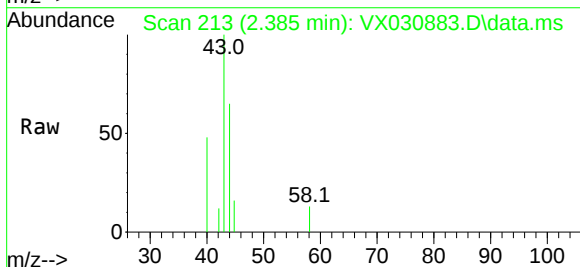
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

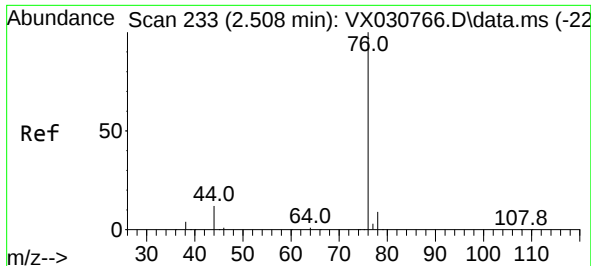
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 136.8 56.6 84.8#



#16
Acetone
Concen: 1.105 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion: 43 Resp: 1219
Ion Ratio Lower Upper
43 100
58 12.7 27.7 41.5#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.507 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX030883.D

Acq: 27 Aug 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

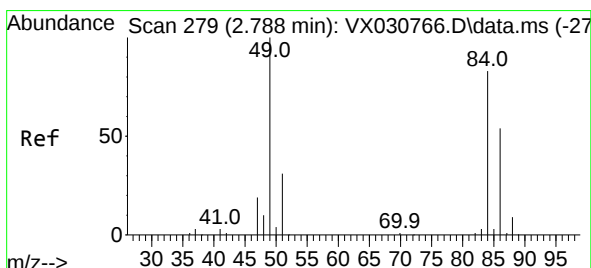
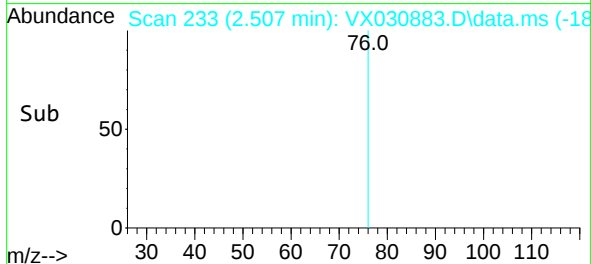
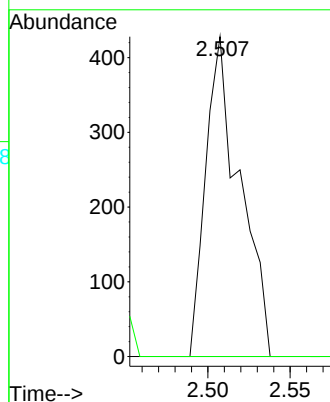
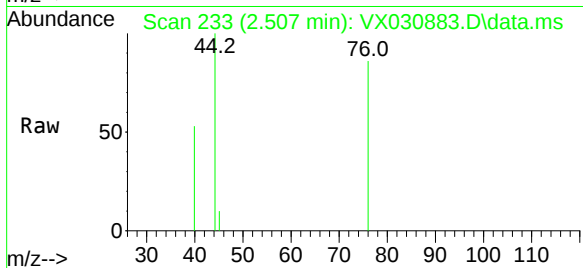
RW8-MW01D3-20220821

Tgt Ion: 76 Resp: 617

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX030883.D

Acq: 27 Aug 2022 20:12

Tgt Ion: 84 Resp: 410

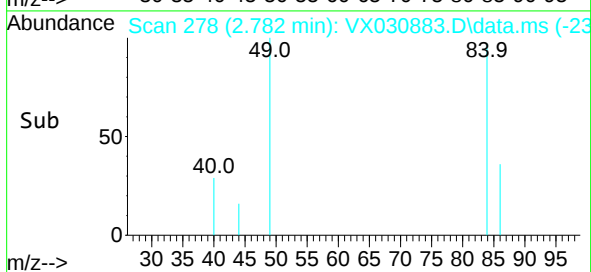
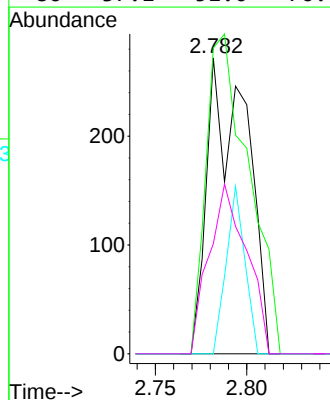
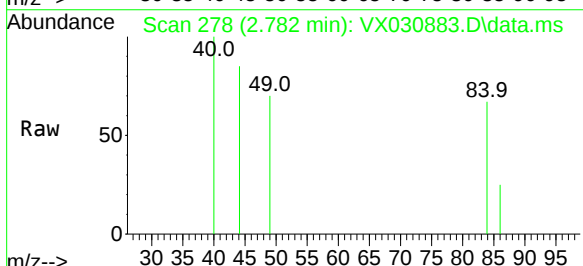
Ion Ratio Lower Upper

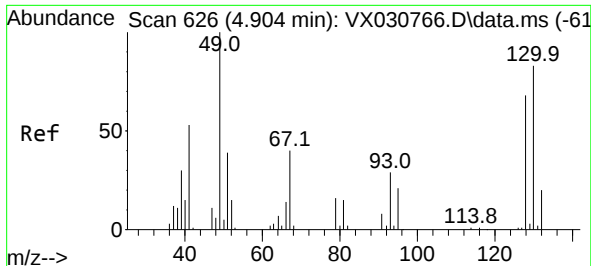
84 100

49 103.3 93.8 140.6

51 0.0 29.4 44.0#

86 37.1 51.0 76.4#

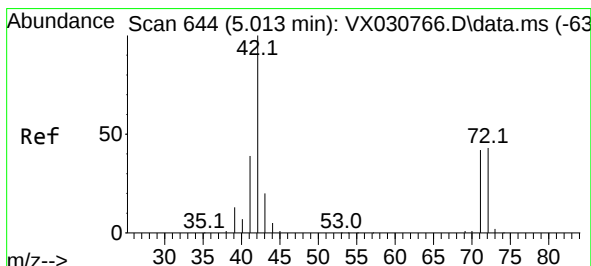
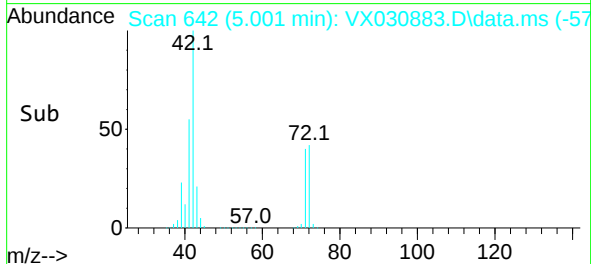
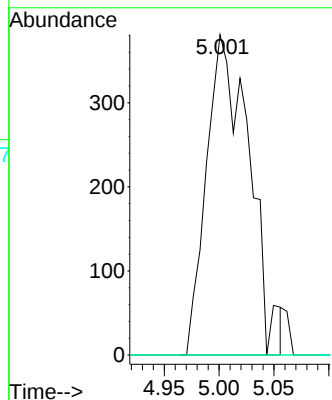
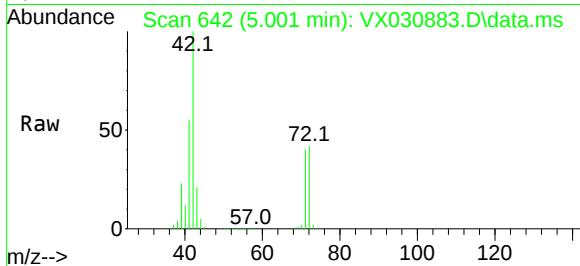




#28
Bromochloromethane
Concen: 0.619 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.097 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

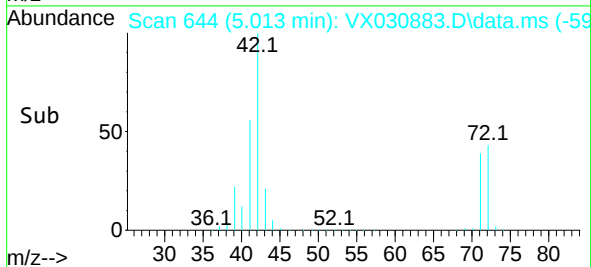
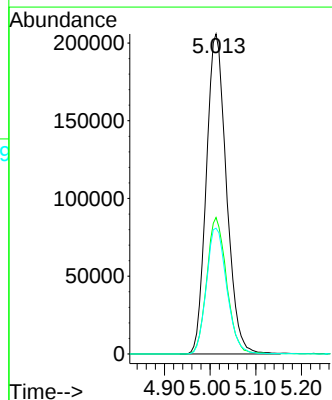
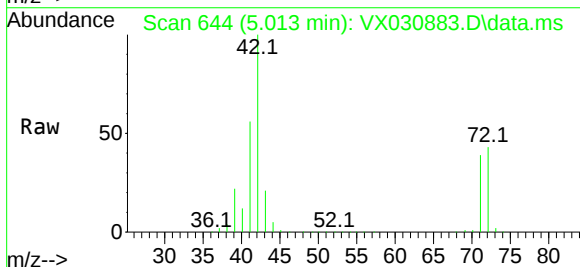
Instrument :
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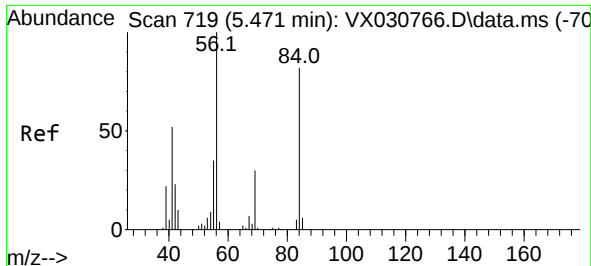
Tgt Ion: 49 Resp: 1032
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 62.8 94.2#



#29
Tetrahydrofuran
Concen: 542.535 ug/l
RT: 5.013 min Scan# 644
Delta R.T. -0.000 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

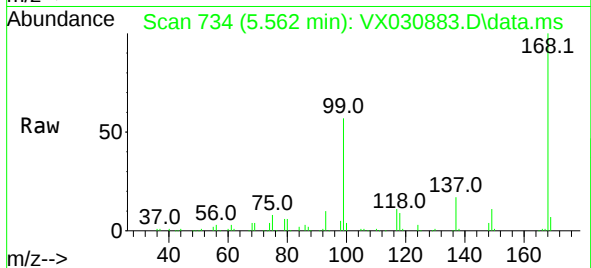
Tgt Ion: 42 Resp: 629027
Ion Ratio Lower Upper
42 100
72 42.0 36.5 54.7
71 39.9 33.9 50.9



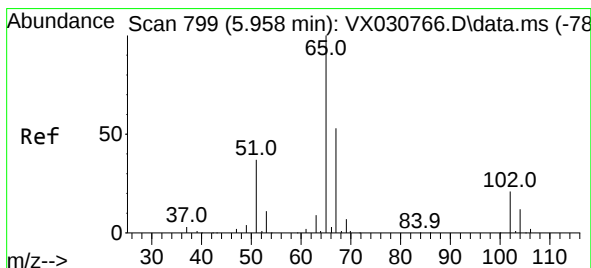
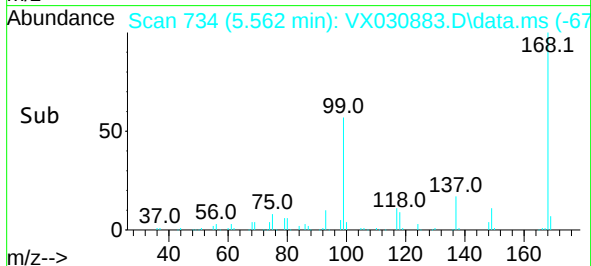
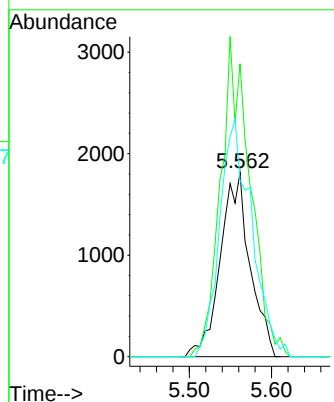


#31
Cyclohexane
Concen: 1.485 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

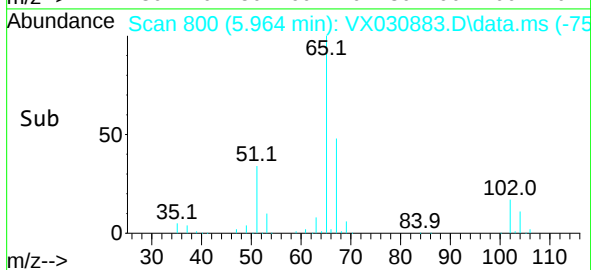
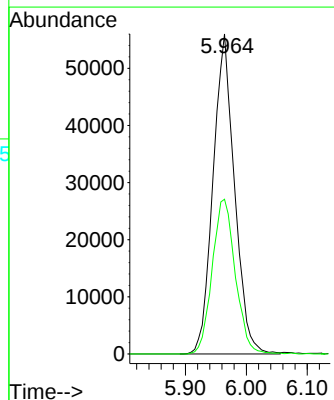
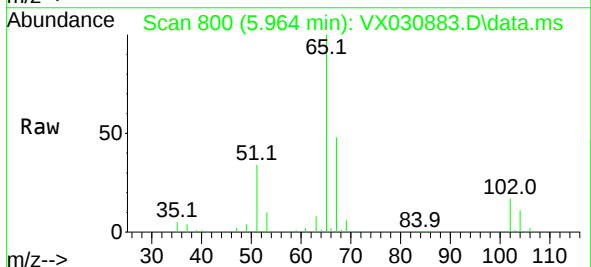


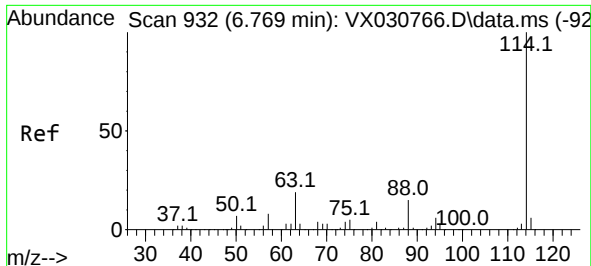
Tgt Ion: 56 Resp: 4533
Ion Ratio Lower Upper
56 100
69 159.2 25.4 38.0#
84 95.9 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 57.425 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion: 65 Resp: 137041
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

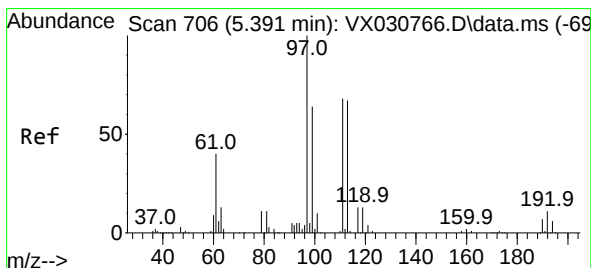
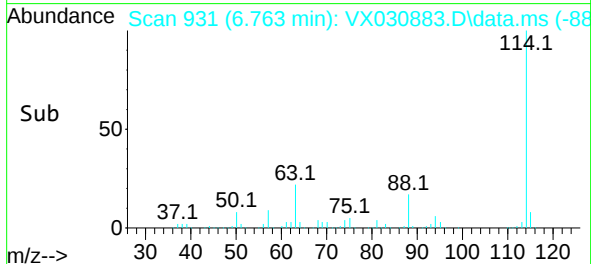
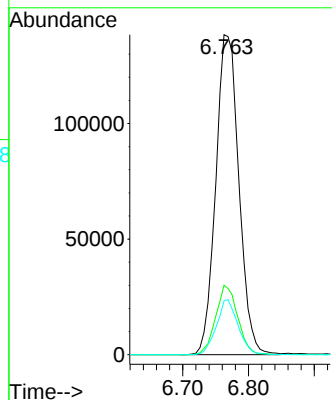
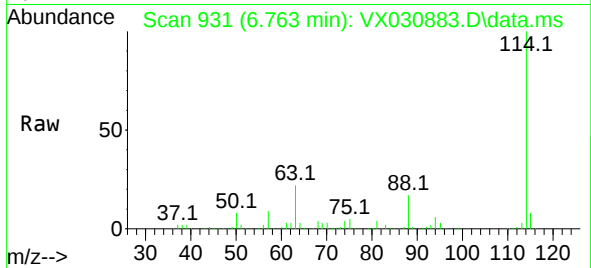




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

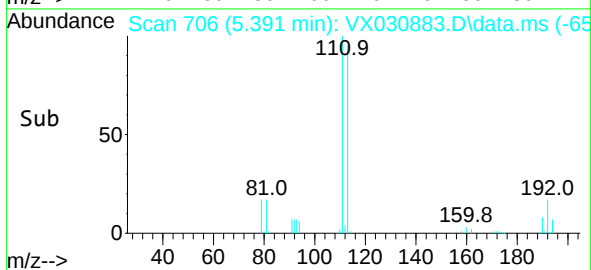
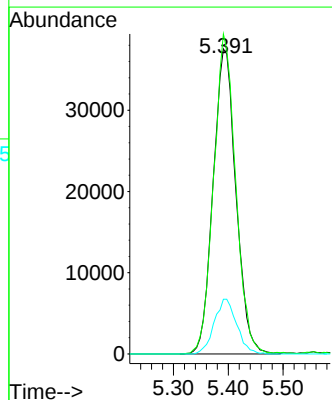
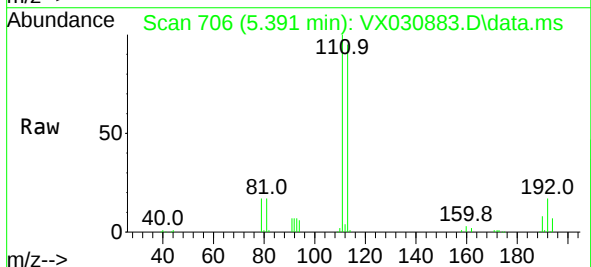
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

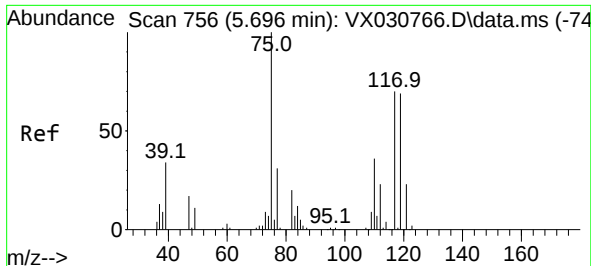
Tgt Ion:114 Resp: 339039
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.4
88 16.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.042 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion:113 Resp: 108438
Ion Ratio Lower Upper
113 100
111 101.6 83.2 124.8
192 17.8 14.8 22.2

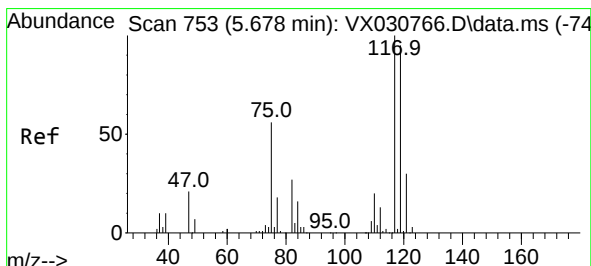
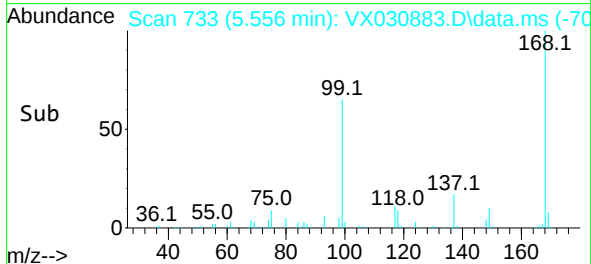
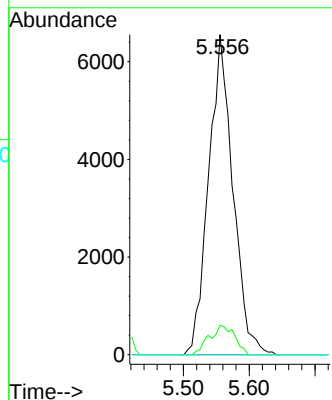
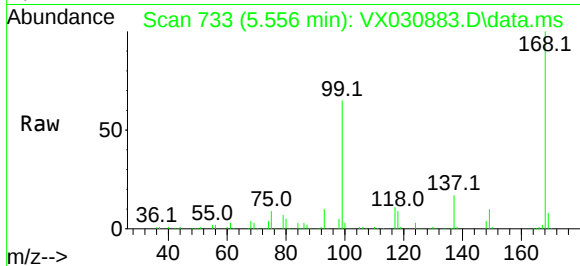




#36
1,1-Dichloropropene
Concen: 5.943 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

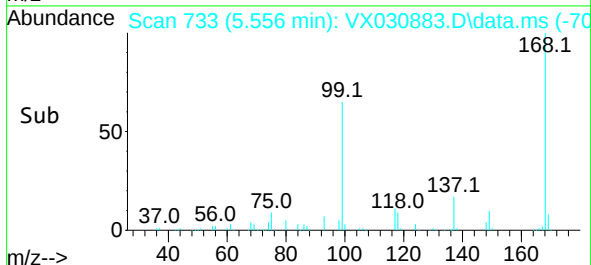
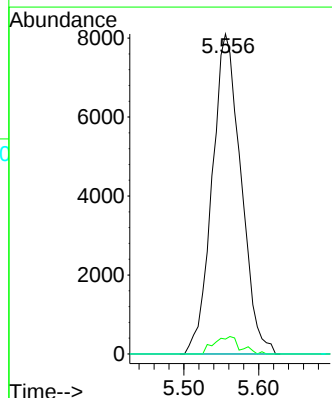
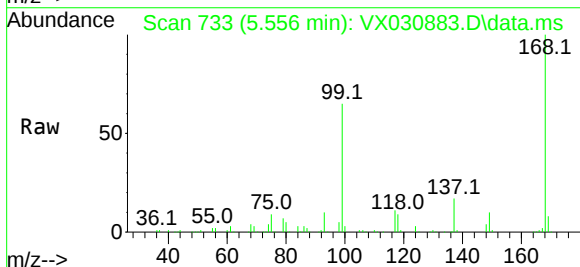
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

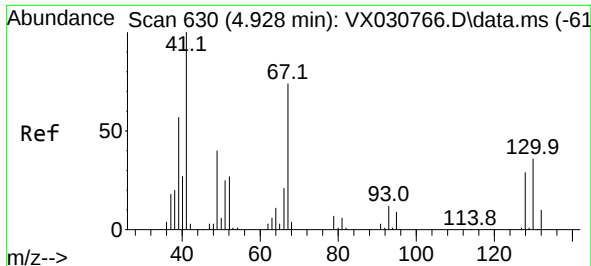
Tgt Ion: 75 Resp: 16864
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.258 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion: 117 Resp: 21724
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.8 38.8#

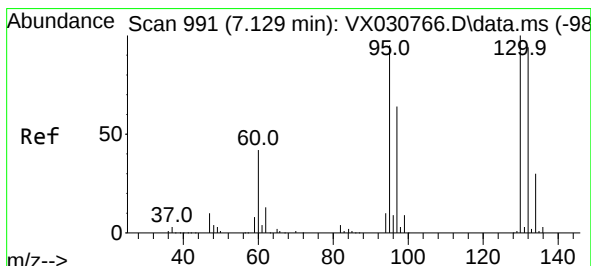
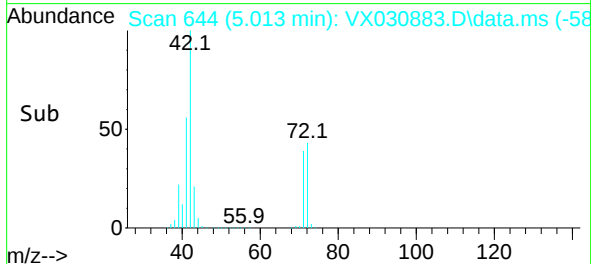
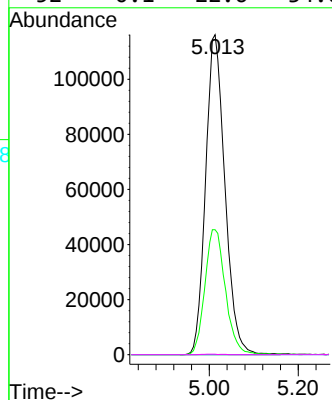
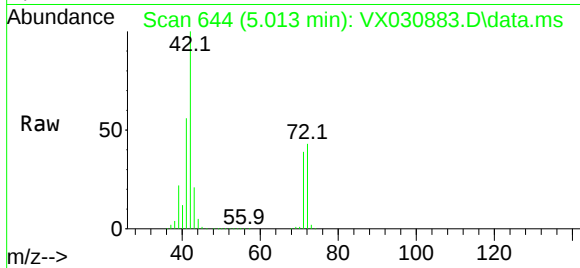




#41
Methacrylonitrile
Concen: 187.180 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

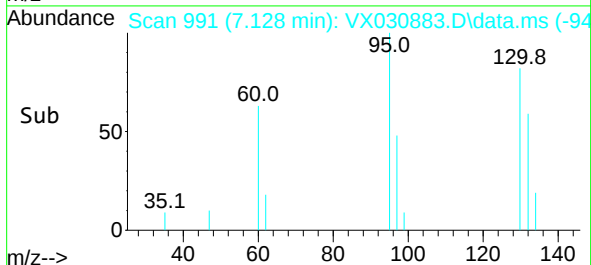
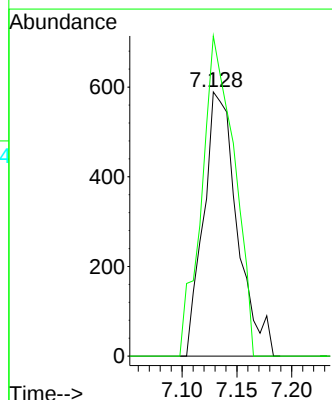
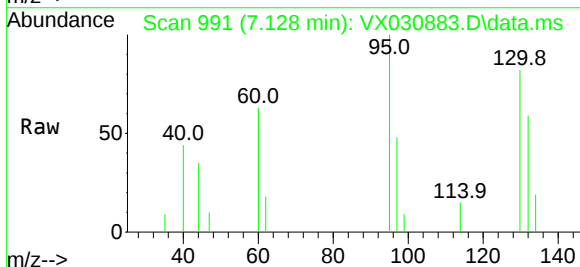
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

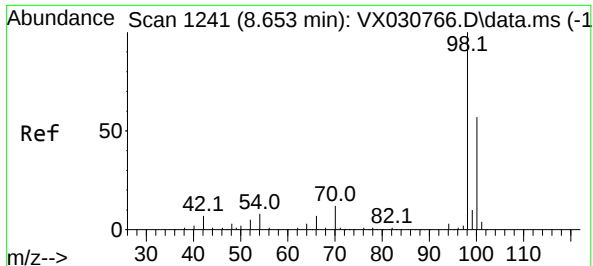
Tgt Ion: 41 Resp: 351511
Ion Ratio Lower Upper
41 100
39 41.5 42.9 64.3#
67 0.0 60.1 90.1#
52 0.1 22.6 34.0#



#44
Trichloroethene
Concen: 0.510 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion:130 Resp: 1252
Ion Ratio Lower Upper
130 100
95 121.2 0.0 194.8

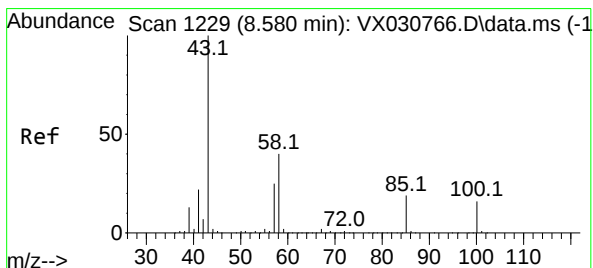
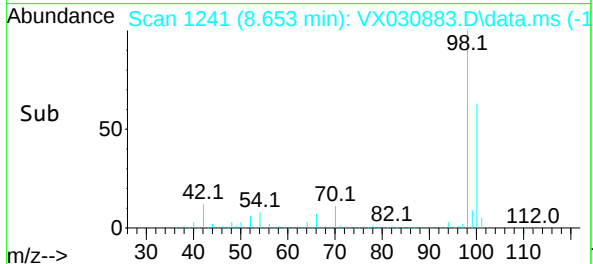
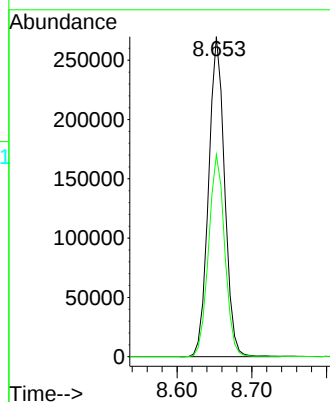
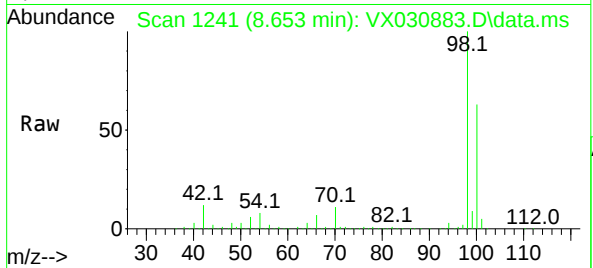




#50
Toluene-d8
Concen: 55.258 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

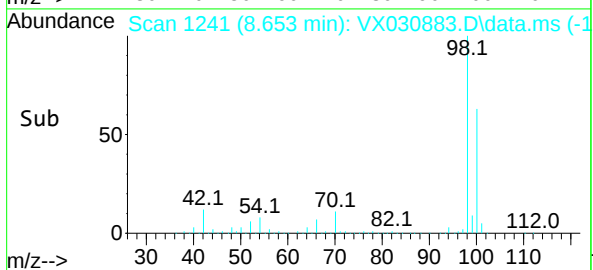
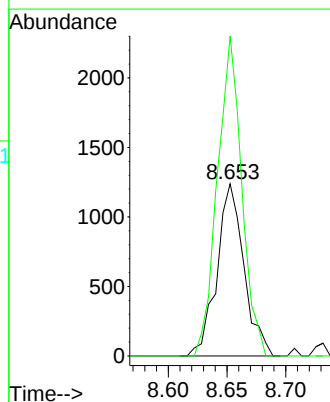
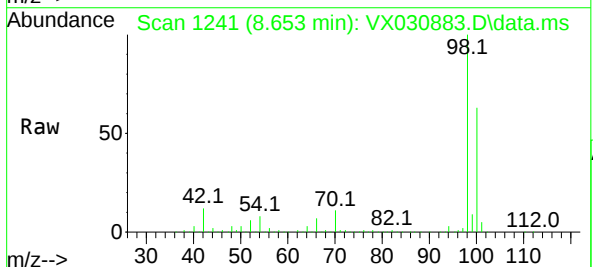
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

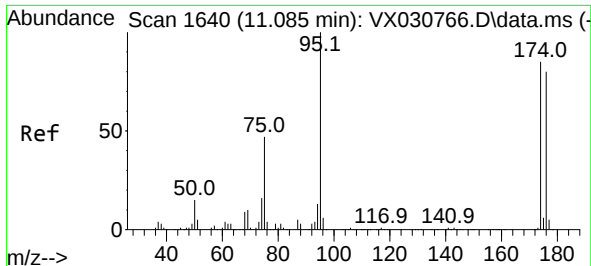
Tgt Ion: 98 Resp: 401222
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
58 167.7 31.4 47.2#

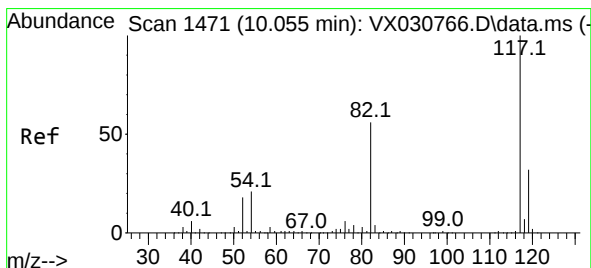
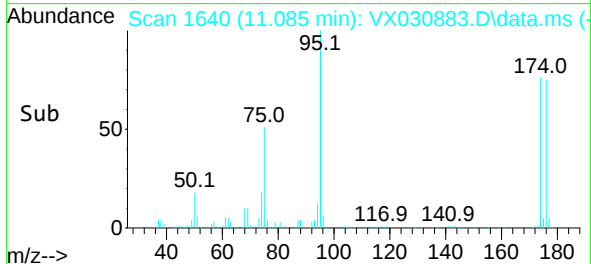
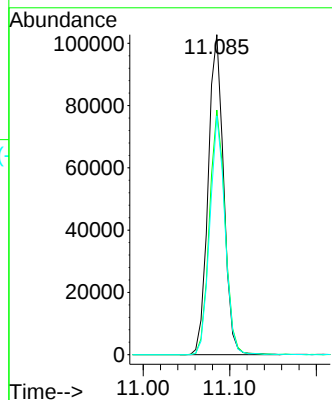
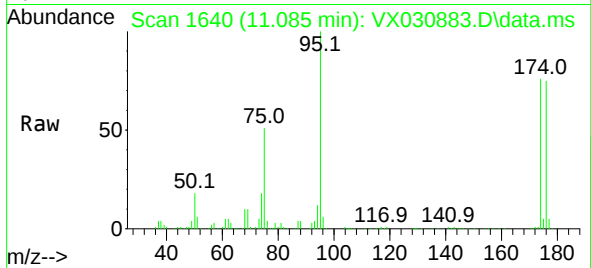




#62
4-Bromofluorobenzene
Concen: 47.005 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

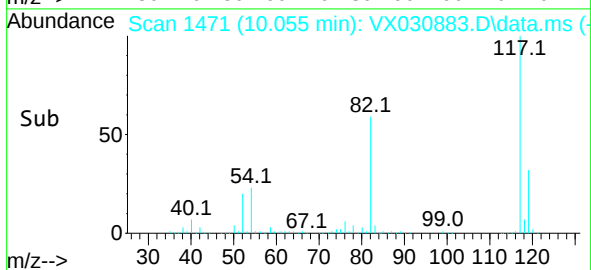
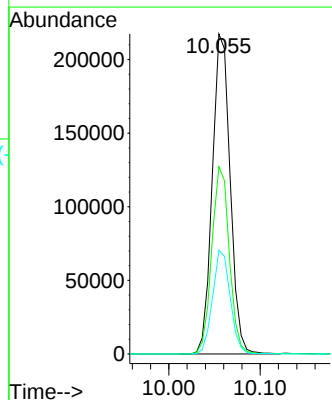
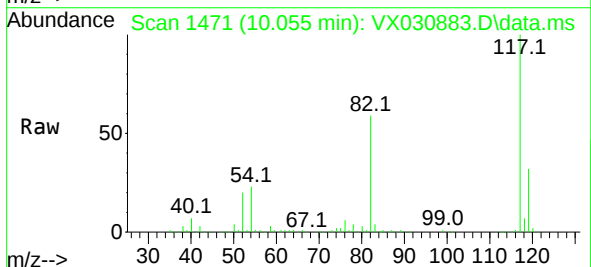
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821

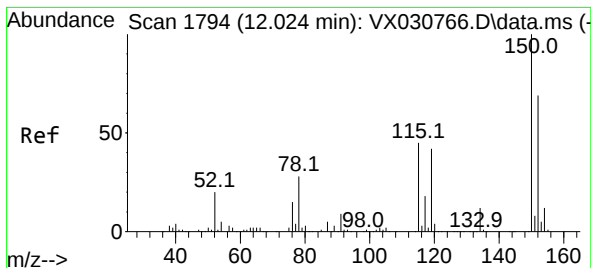
Tgt Ion: 95 Resp: 127067
Ion Ratio Lower Upper
95 100
174 77.2 0.0 149.0
176 73.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Tgt Ion: 117 Resp: 295223
Ion Ratio Lower Upper
117 100
82 58.5 42.7 64.1
119 32.4 25.4 38.2

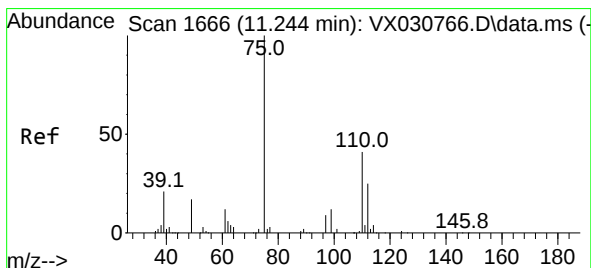
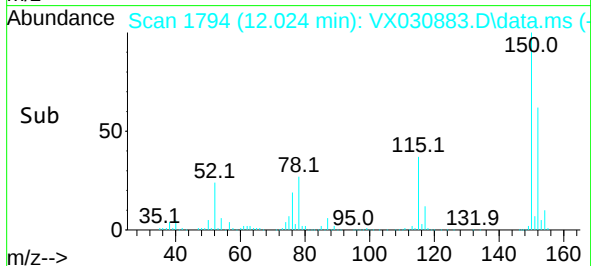
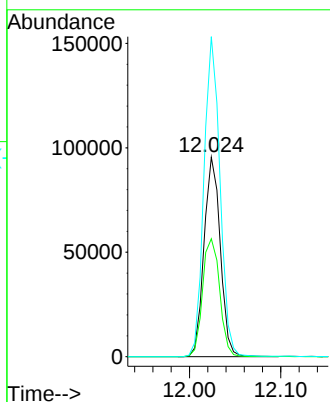
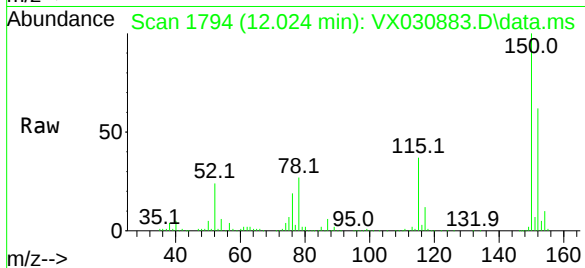




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030883.D
 Acq: 27 Aug 2022 20:12

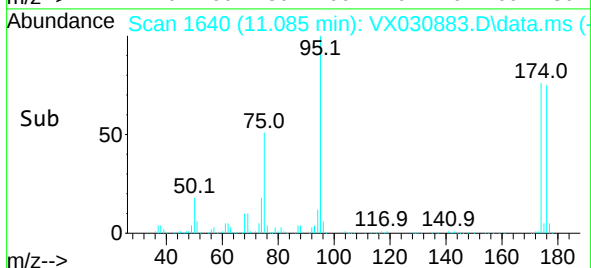
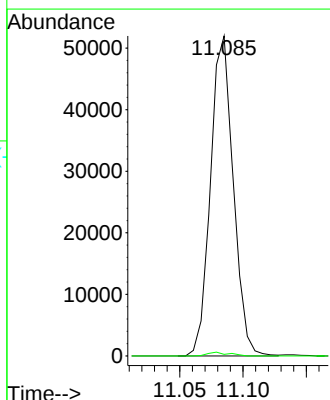
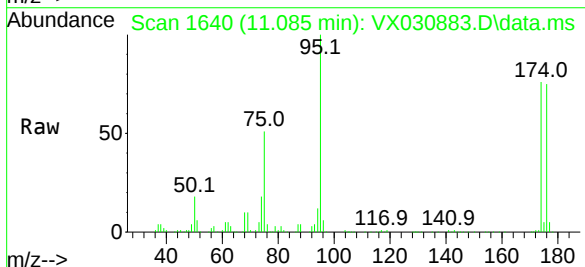
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20220821

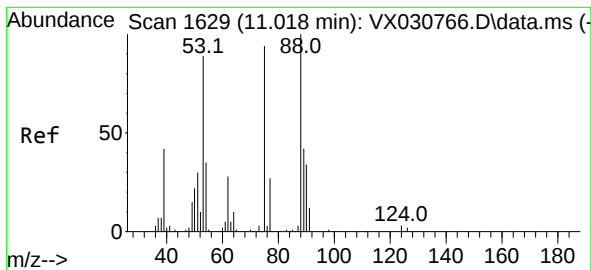
Tgt Ion:152 Resp: 117510
 Ion Ratio Lower Upper
 152 100
 115 62.1 40.5 121.5
 150 158.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.304 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030883.D
 Acq: 27 Aug 2022 20:12

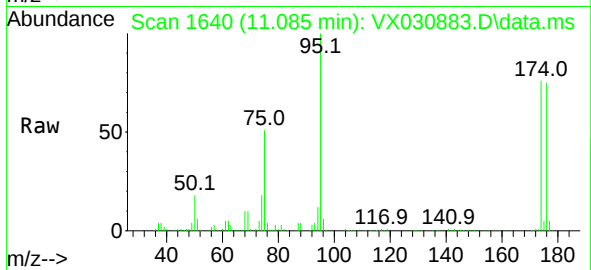
Tgt Ion: 75 Resp: 65145
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.642 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030883.D
Acq: 27 Aug 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220821



Tgt Ion:	75	Resp:	65145
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.1	34.8	52.2#

