

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030887.D
 Acq On : 27 Aug 2022 21:46
 Operator : JC/MD
 Sample : N4297-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20220821

Quant Time: Aug 29 01:12:56 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)

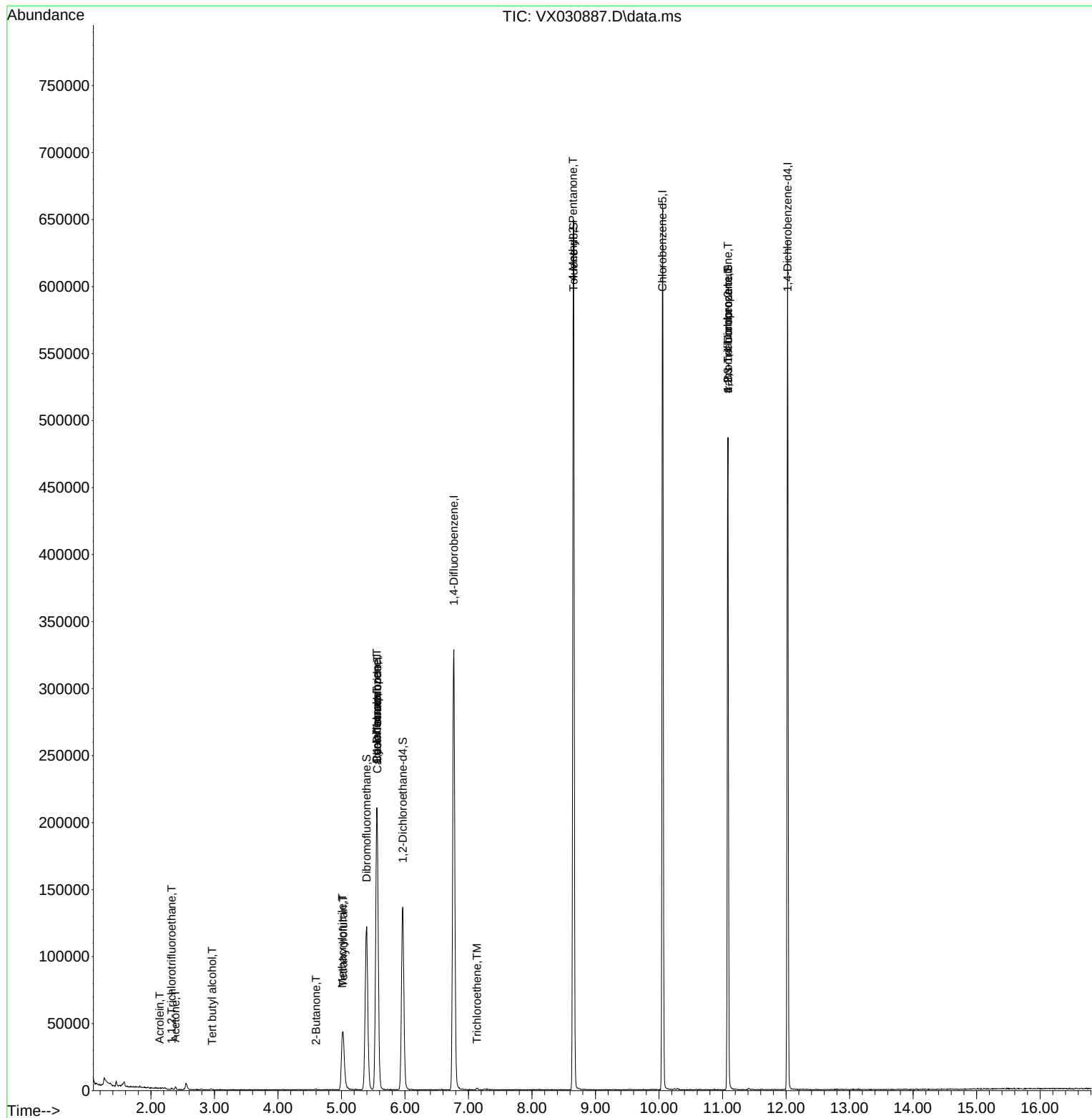
Internal Standards						
1) Pentafluorobenzene	5.556	168	192465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131733	58.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.380%			
35) Dibromofluoromethane	5.397	113	106056	52.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.653	98	390055	55.531	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.060%			
62) 4-Bromofluorobenzene	11.085	95	126172	48.248	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.500%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	473	Below Cal	#	25
4) Vinyl Chloride	1.477	62	20	Below Cal	#	43
6) Chloroethane	1.685	64	284	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.325	101	407	0.217	ug/l #	75
11) Tert butyl alcohol	2.965	59	177	0.360	ug/l #	74
13) Acrolein	2.136	56	31	10.121	ug/l #	14
16) Acetone	2.386	43	2062	1.971	ug/l	91
17) Carbon Disulfide	2.520	76	273	Below Cal	#	74
20) Methylene Chloride	2.782	84	246	Below Cal	#	82
25) 2-Butanone	4.599	43	516	0.306	ug/l #	48
29) Tetrahydrofuran	5.026	42	42750	38.868	ug/l	94
31) Cyclohexane	5.556	56	4693	1.621	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15893	5.790	ug/l #	48
38) Carbon Tetrachloride	5.562	117	20763	7.171	ug/l #	17
41) Methacrylonitrile	5.013	41	25792	14.197	ug/l #	45
44) Trichloroethene	7.135	130	556	0.234	ug/l	65
51) 4-Methyl-2-Pentanone	8.647	43	1633	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	67287	25.099	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	67287	80.981	ug/l #	12

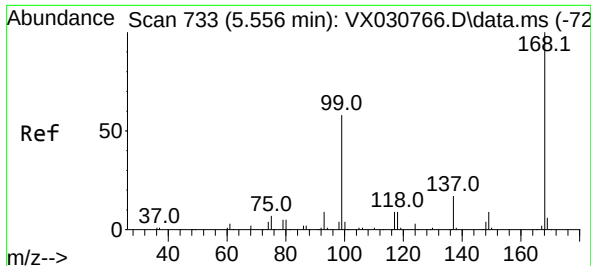
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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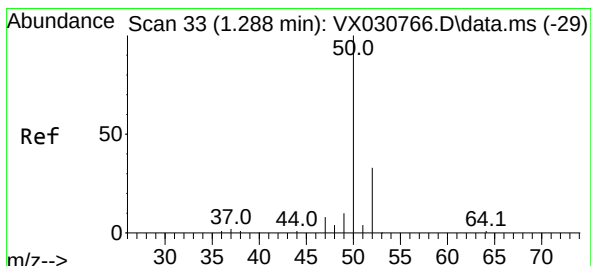
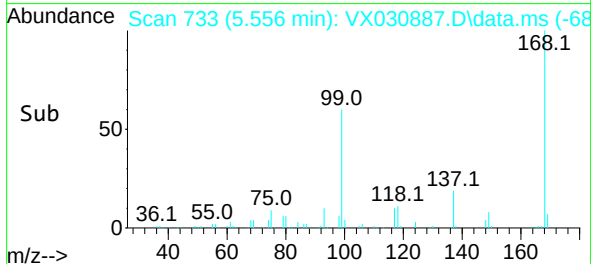
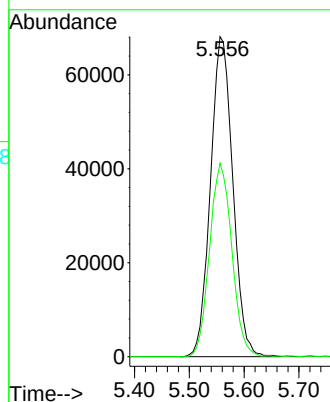
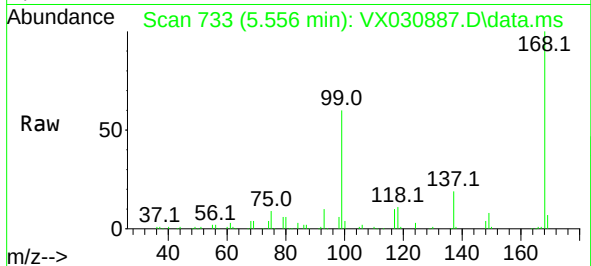




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

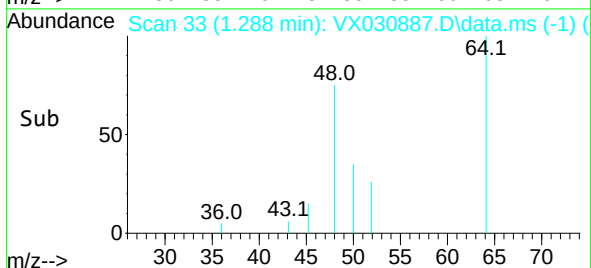
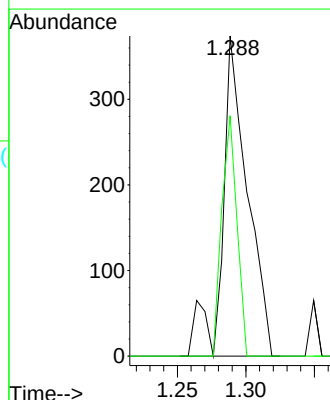
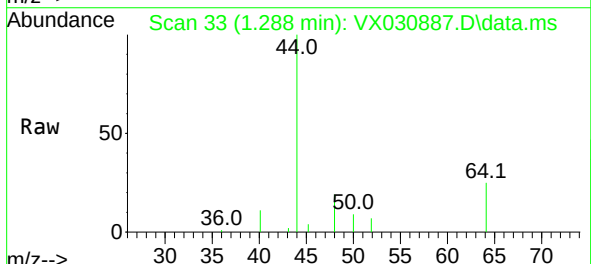
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

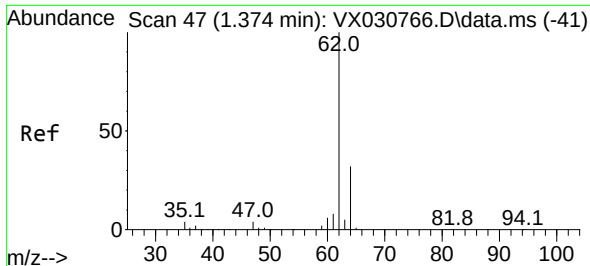
Tgt Ion:168 Resp: 192465
Ion Ratio Lower Upper
168 100
99 60.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 75.1 26.3 39.5

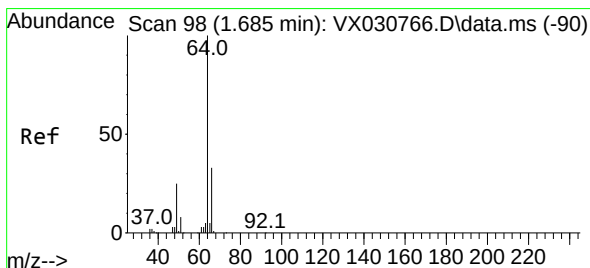
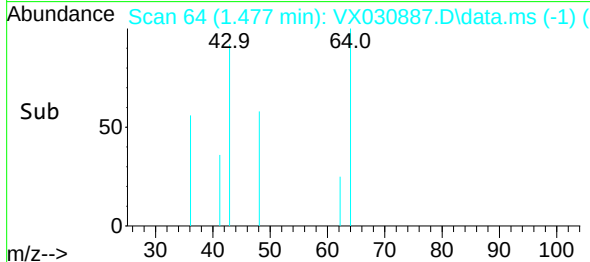
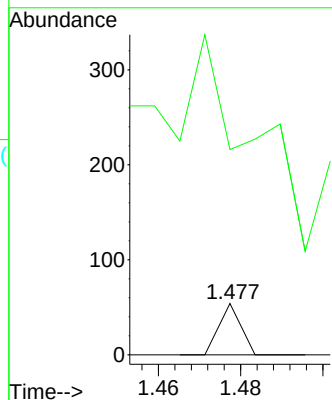
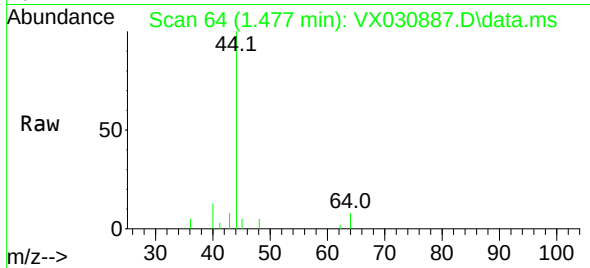




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.477 min Scan# 64
 Delta R.T. 0.103 min
 Lab File: VX030887.D
 Acq: 27 Aug 2022 21:46

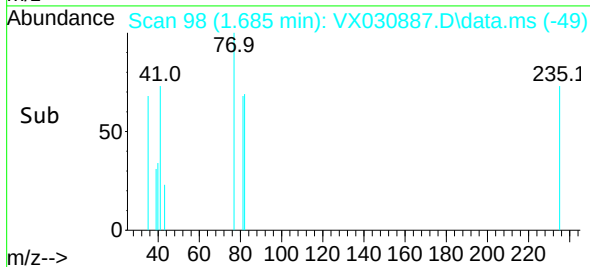
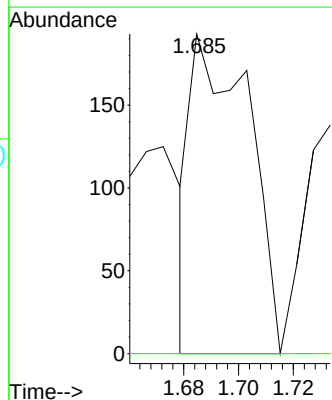
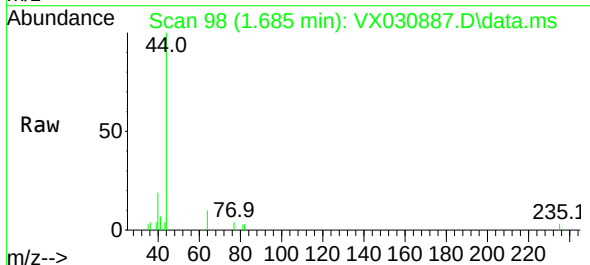
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20220821

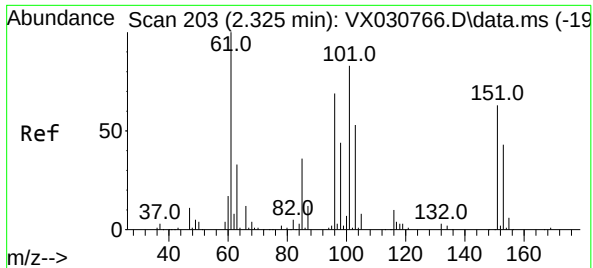
Tgt Ion: 62 Resp: 20
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030887.D
 Acq: 27 Aug 2022 21:46

Tgt Ion: 64 Resp: 284
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#

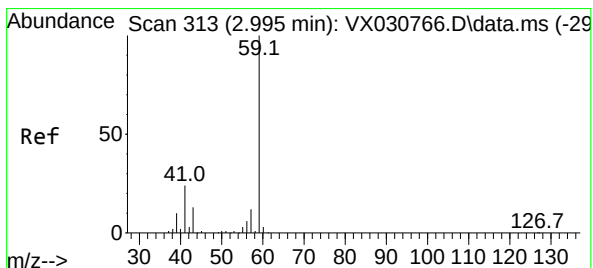
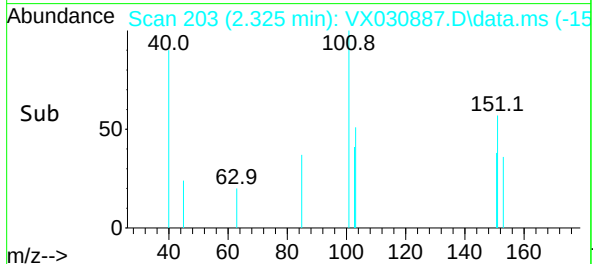
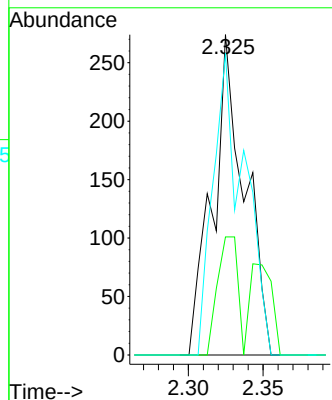
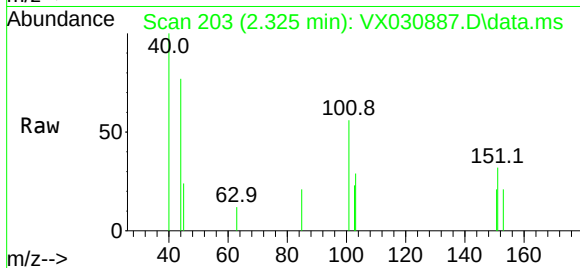




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.217 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

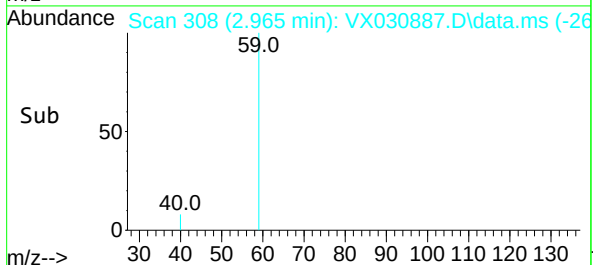
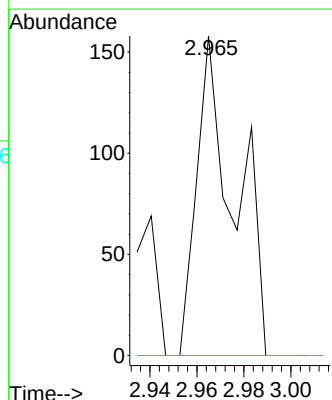
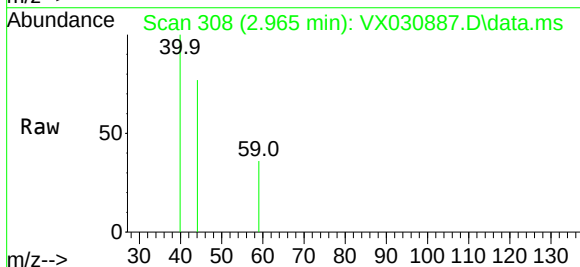
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

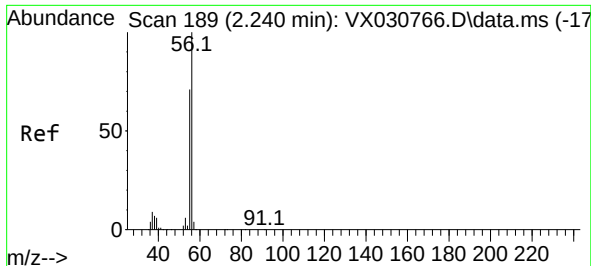
Tgt Ion:101 Resp: 407
Ion Ratio Lower Upper
101 100
85 23.3 34.0 51.0#
151 92.6 59.4 89.0#



#11
Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.031 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: 10.121 ug/l

RT: 2.136 min Scan# 11

Delta R.T. -0.104 min

Lab File: VX030887.D

Acq: 27 Aug 2022 21:46

Instrument :

MSVOA_X

ClientSampleId :

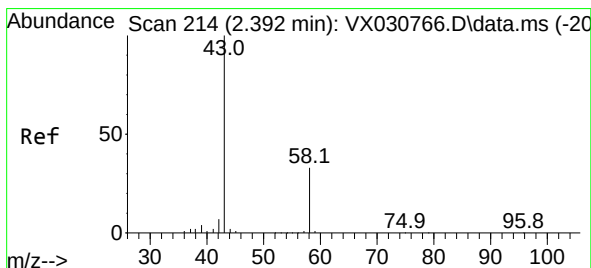
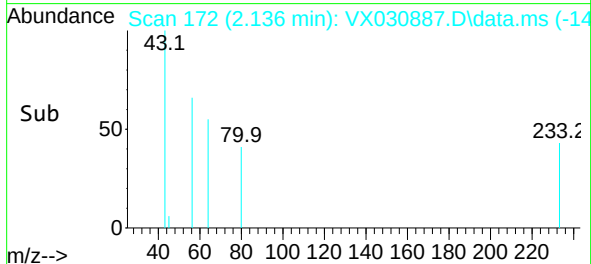
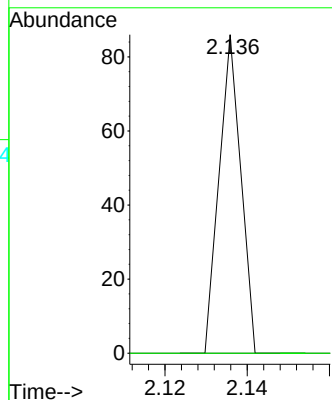
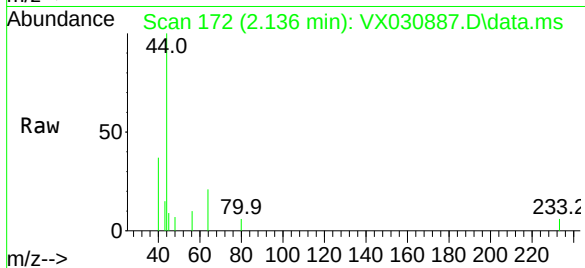
RW9-MW01S-20220821

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.971 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX030887.D

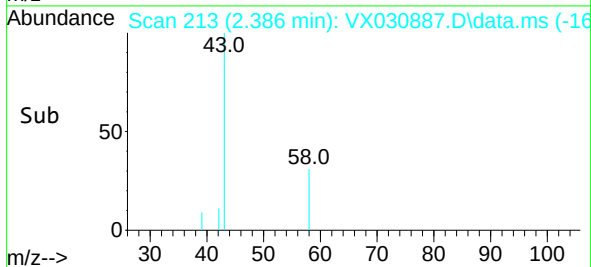
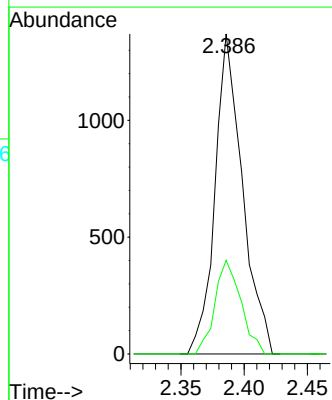
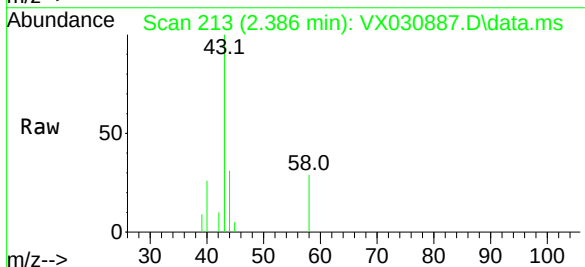
Acq: 27 Aug 2022 21:46

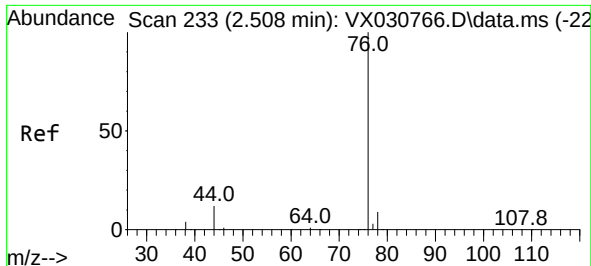
Tgt Ion: 43 Resp: 2062

Ion Ratio Lower Upper

43 100

58 29.3 27.7 41.5

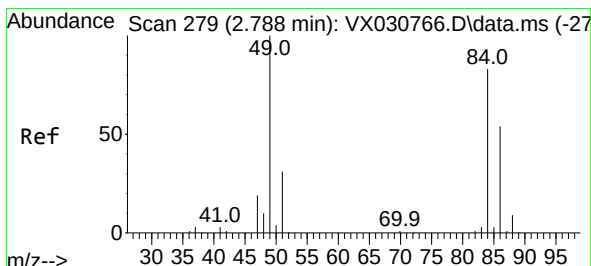
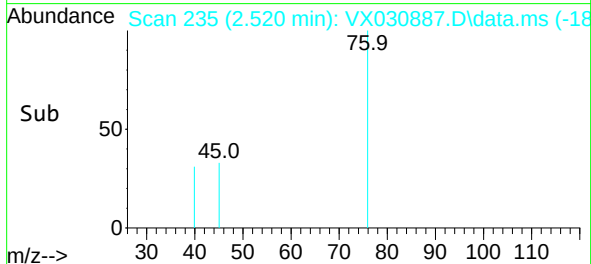
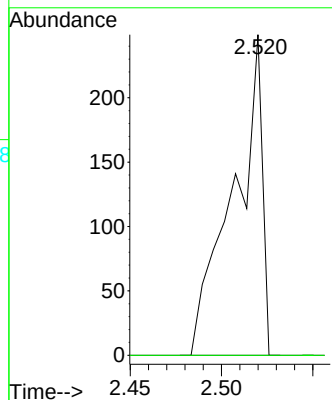
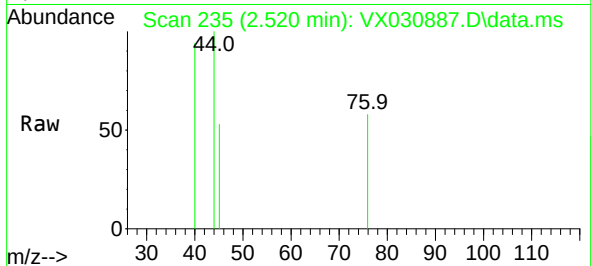




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

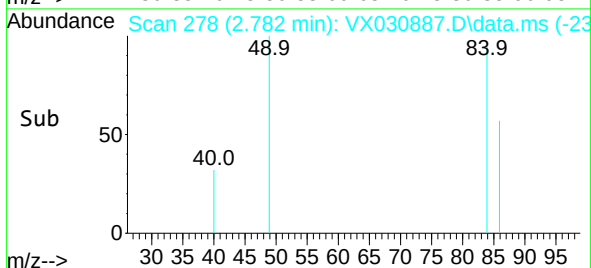
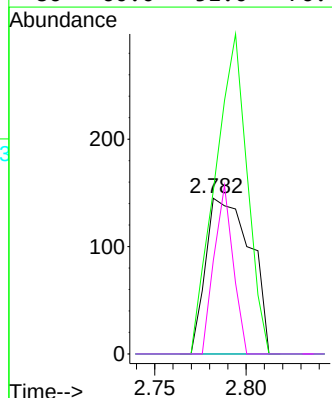
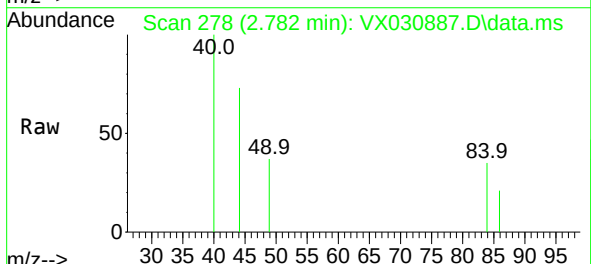
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

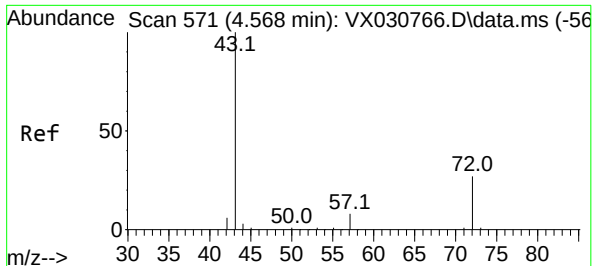
Tgt Ion: 76 Resp: 273
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion: 84 Resp: 246
Ion Ratio Lower Upper
84 100
49 104.8 93.8 140.6
51 0.0 29.4 44.0#
86 60.0 51.0 76.4

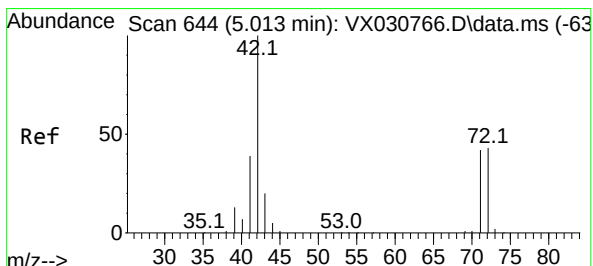
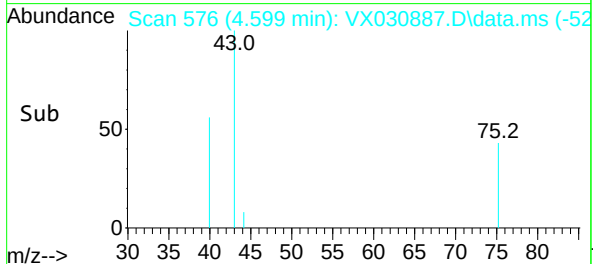
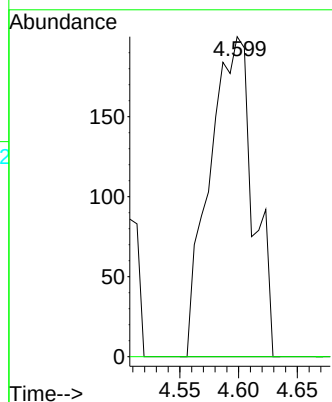
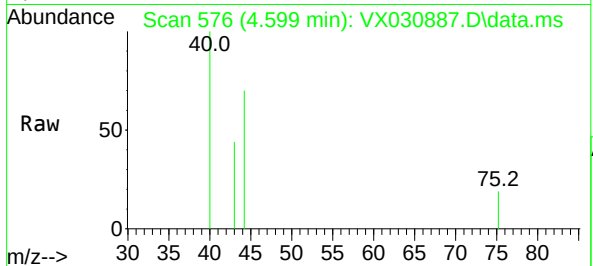




#25
2-Butanone
Concen: 0.306 ug/l
RT: 4.599 min Scan# 516
Delta R.T. 0.031 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

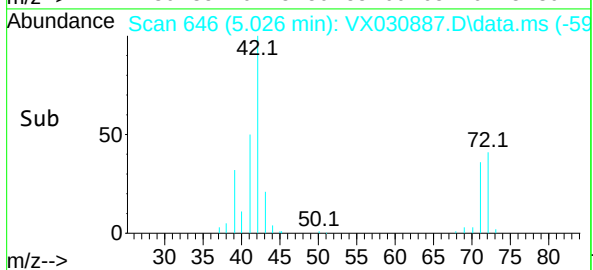
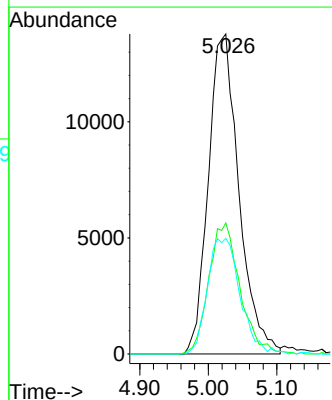
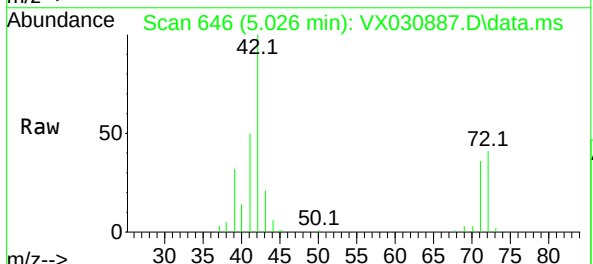
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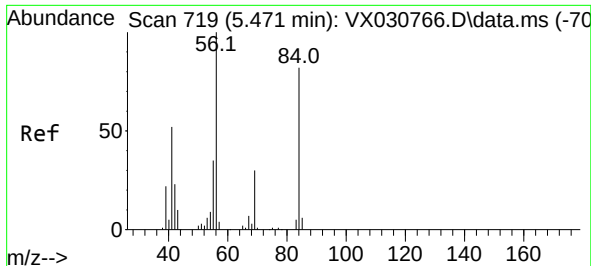
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 38.868 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

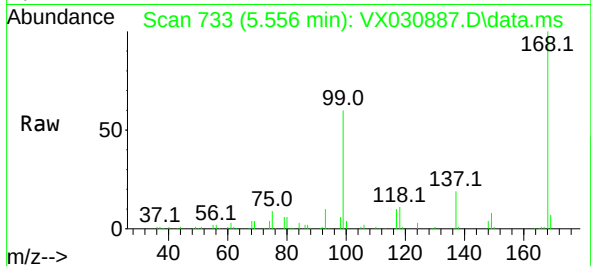
Tgt Ion: 42 Resp: 42750
Ion Ratio Lower Upper
42 100
72 41.7 36.5 54.7
71 38.6 33.9 50.9



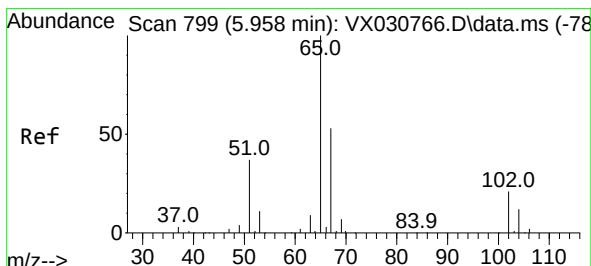
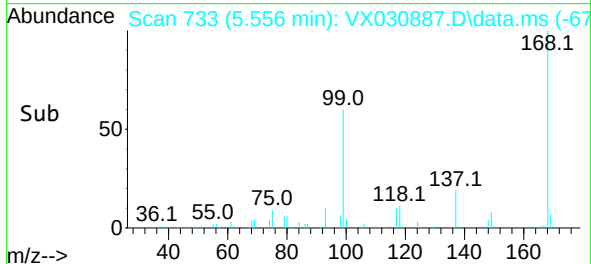
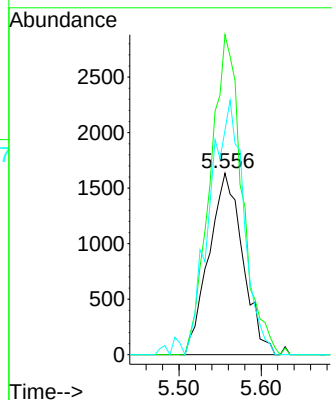


#31
Cyclohexane
Concen: 1.621 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

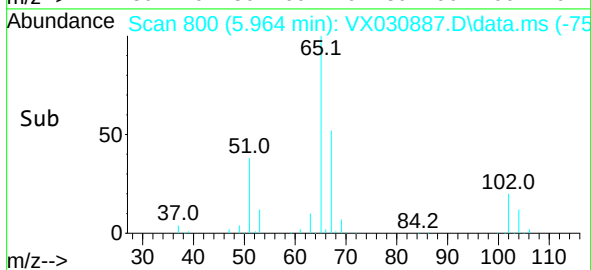
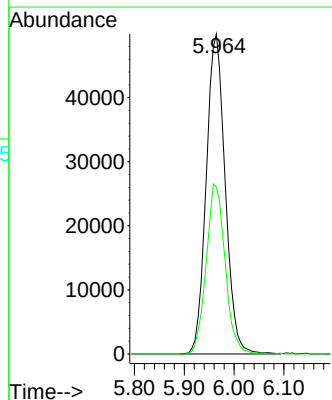
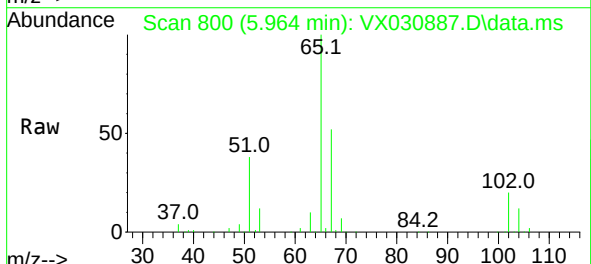


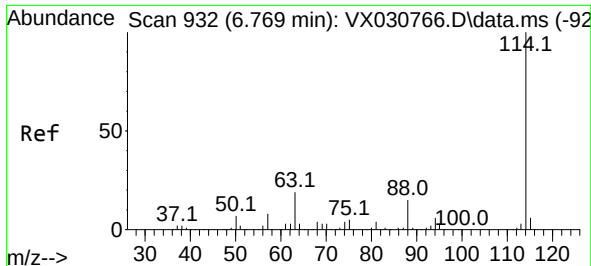
Tgt Ion: 56 Resp: 4693
Ion Ratio Lower Upper
56 100
69 176.4 25.4 38.0#
84 123.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 58.188 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion: 65 Resp: 131733
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

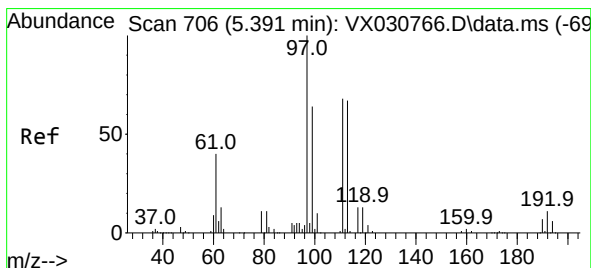
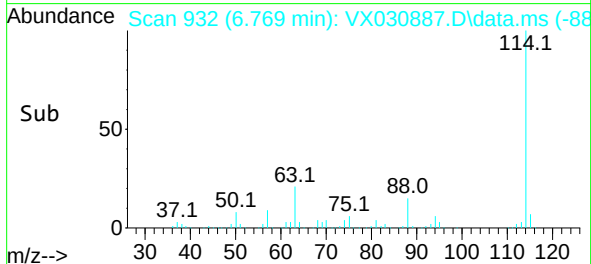
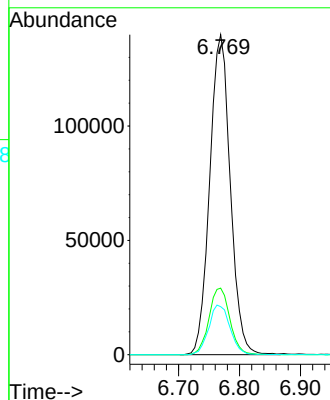
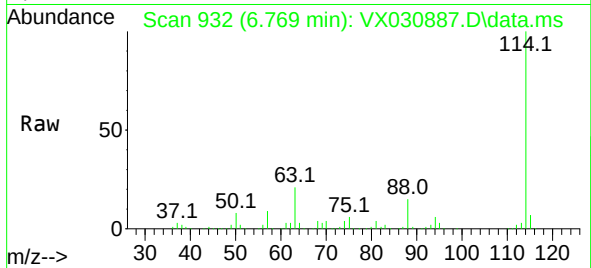




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

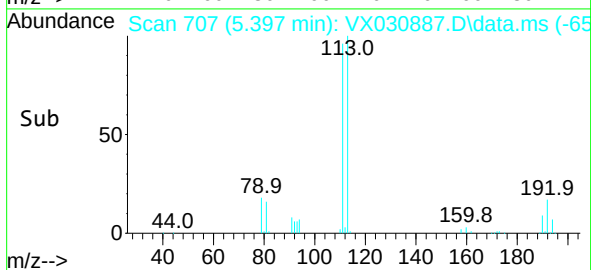
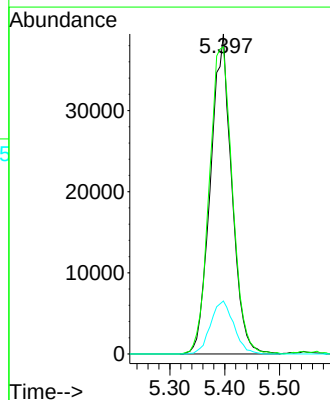
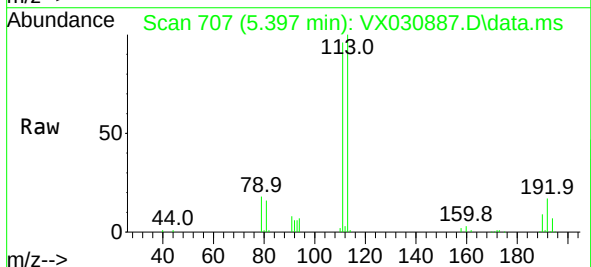
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

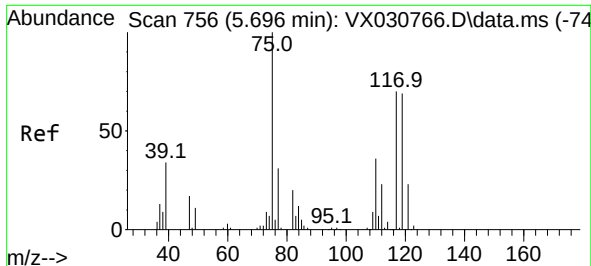
Tgt Ion:114 Resp: 327979
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.615 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion:113 Resp: 106056
Ion Ratio Lower Upper
113 100
111 104.8 83.2 124.8
192 18.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.790 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX030887.D

Acq: 27 Aug 2022 21:46

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01S-20220821

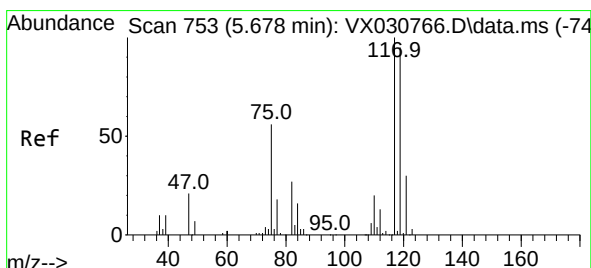
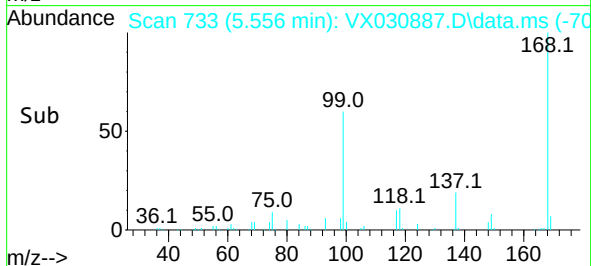
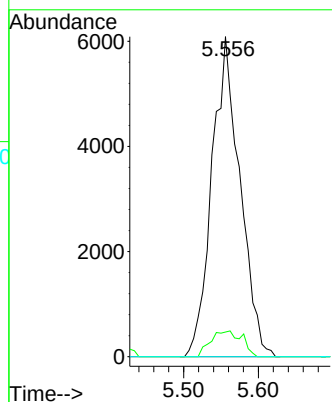
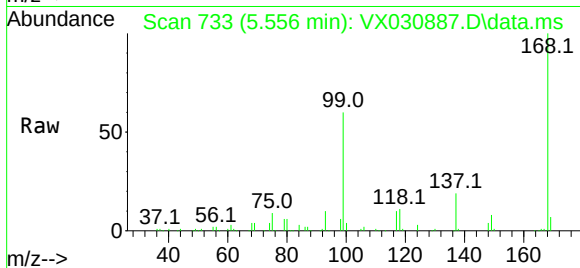
Tgt Ion: 75 Resp: 15893

Ion Ratio Lower Upper

75 100

110 9.0 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.171 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX030887.D

Acq: 27 Aug 2022 21:46

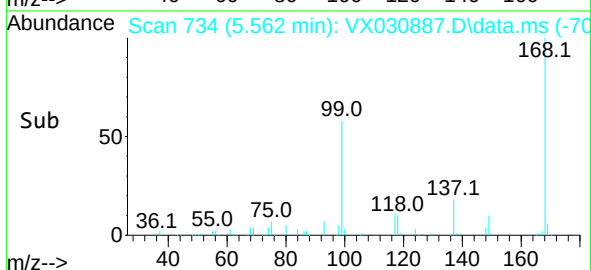
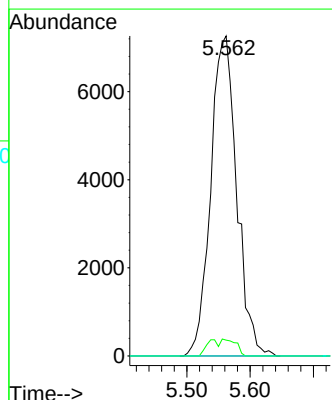
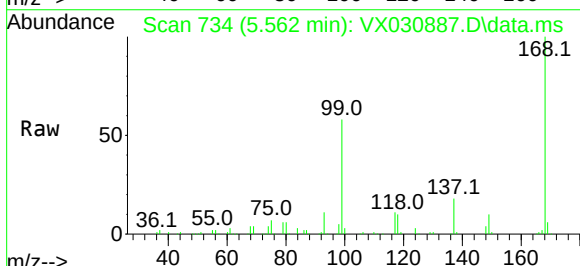
Tgt Ion: 117 Resp: 20763

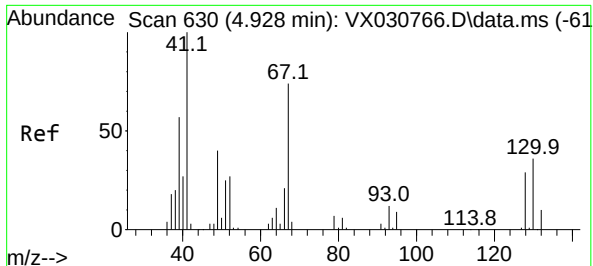
Ion Ratio Lower Upper

117 100

119 5.0 74.1 111.1#

121 0.0 25.8 38.8#

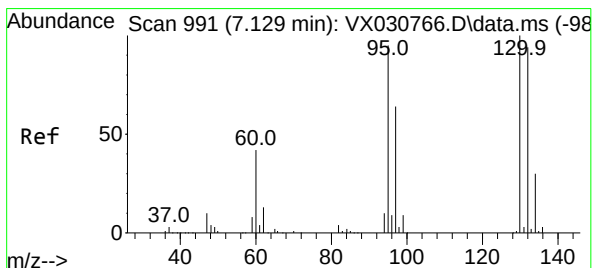
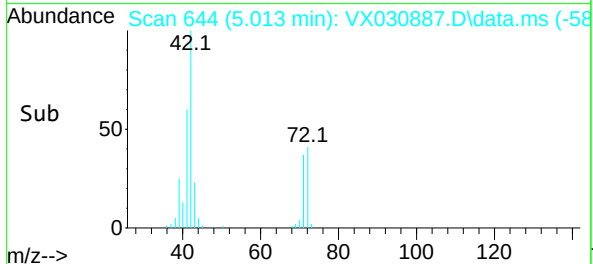
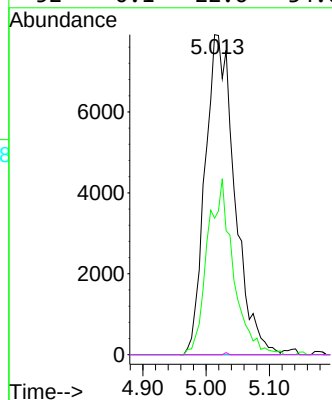
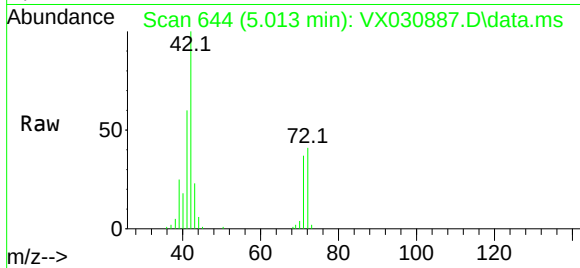




#41
Methacrylonitrile
Concen: 14.197 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

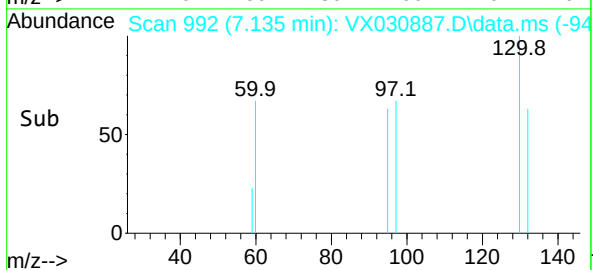
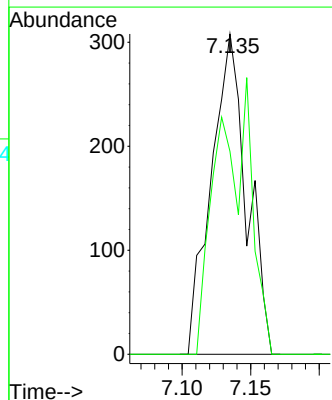
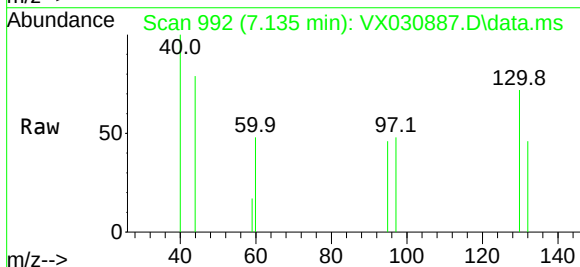
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

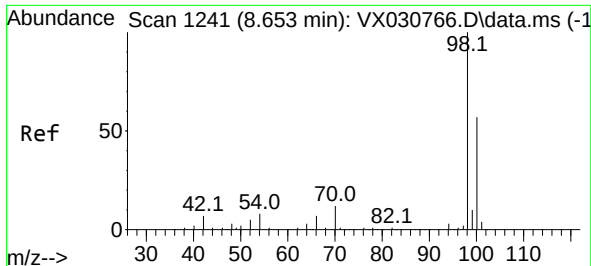
Tgt Ion: 41	Resp: 25792
Ion Ratio	Lower Upper
41 100	
39 47.8	42.9 64.3
67 0.0	60.1 90.1#
52 0.1	22.6 34.0#



#44
Trichloroethene
Concen: 0.234 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion: 130	Resp: 556
Ion Ratio	Lower Upper
130 100	
95 63.3	0.0 194.8

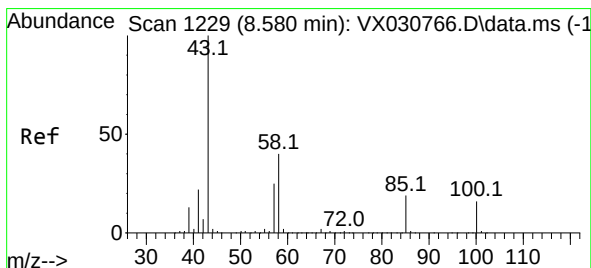
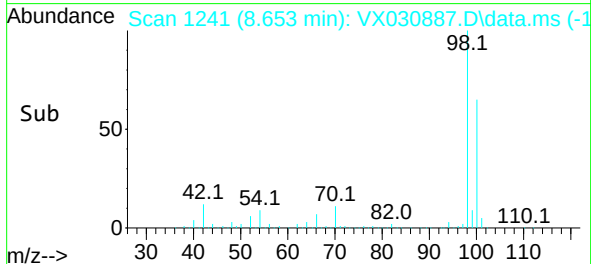
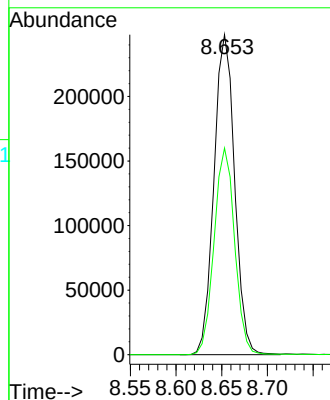
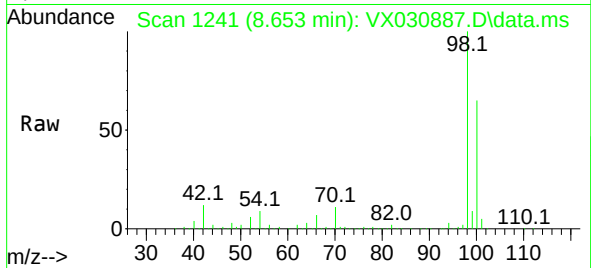




#50
Toluene-d8
Concen: 55.531 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

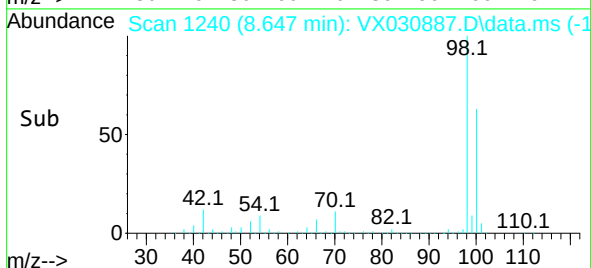
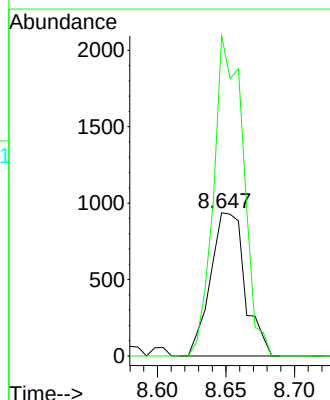
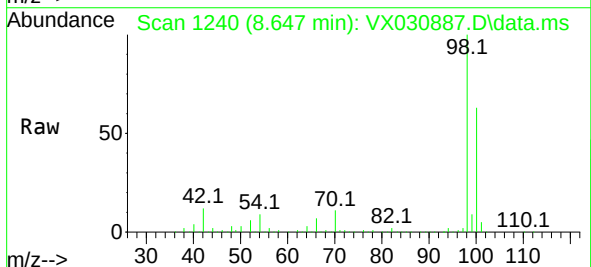
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

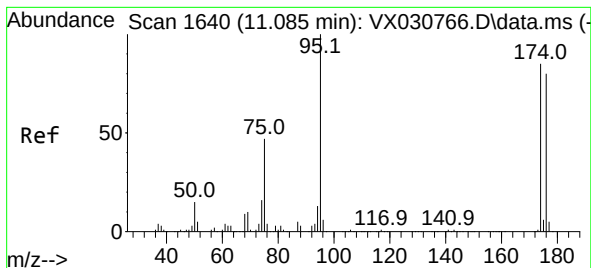
Tgt Ion: 98 Resp: 390055
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 193.0 31.4 47.2#

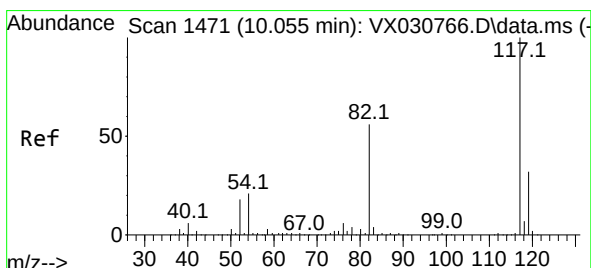
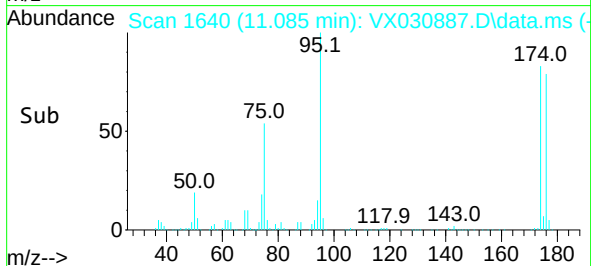
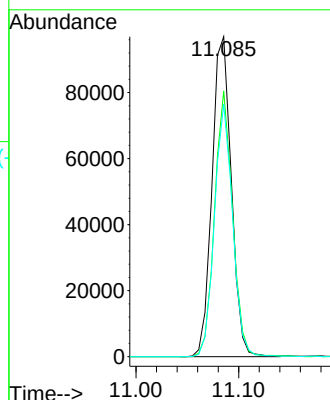
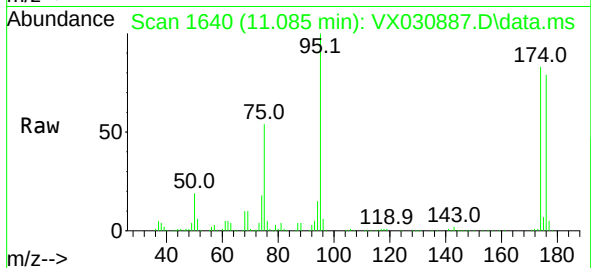




#62
4-Bromofluorobenzene
Concen: 48.248 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

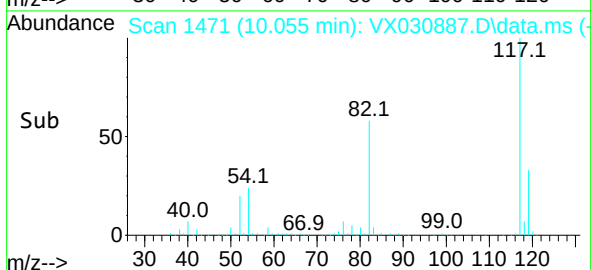
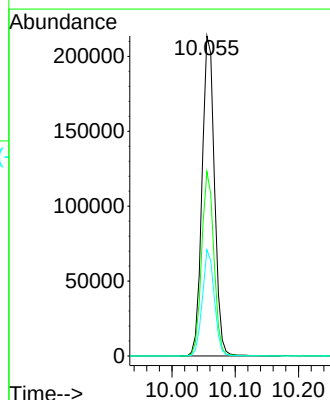
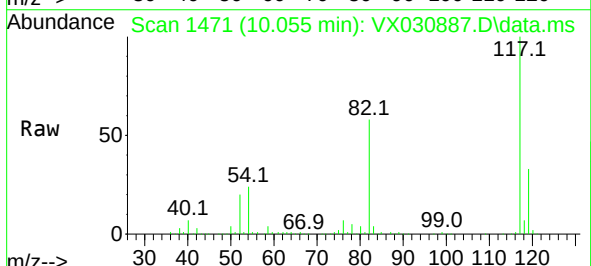
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

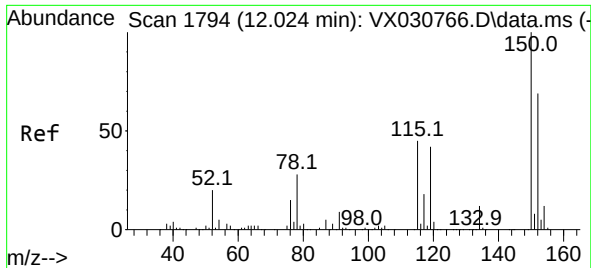
Tgt Ion: 95 Resp: 126172
Ion Ratio Lower Upper
95 100
174 77.5 0.0 149.0
176 74.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030887.D
Acq: 27 Aug 2022 21:46

Tgt Ion: 117 Resp: 292882
Ion Ratio Lower Upper
117 100
82 57.7 42.7 64.1
119 33.2 25.4 38.2

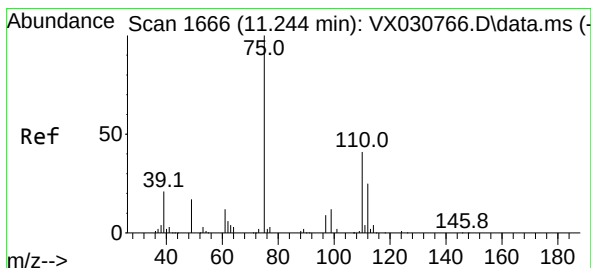
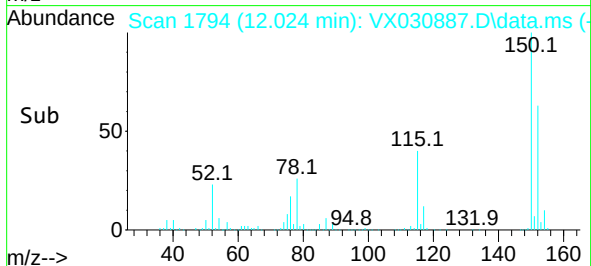
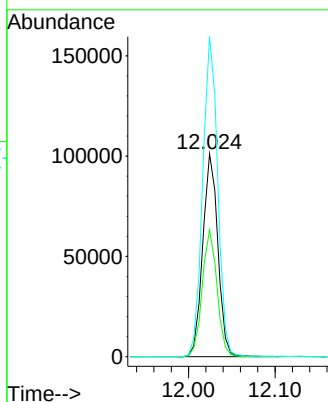
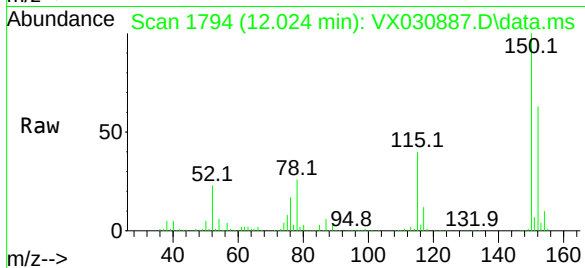




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030887.D
 Acq: 27 Aug 2022 21:46

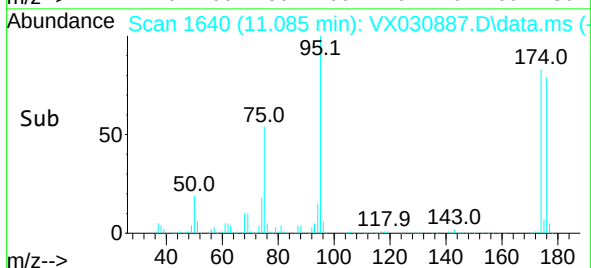
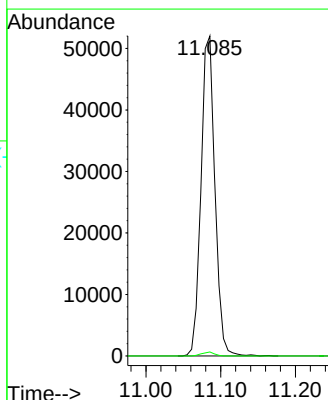
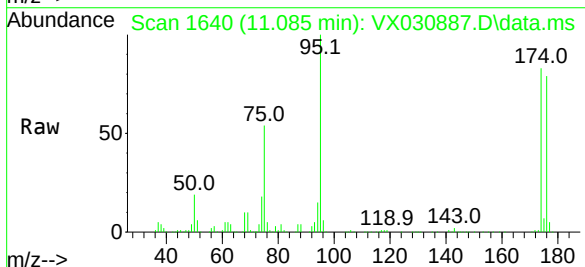
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20220821

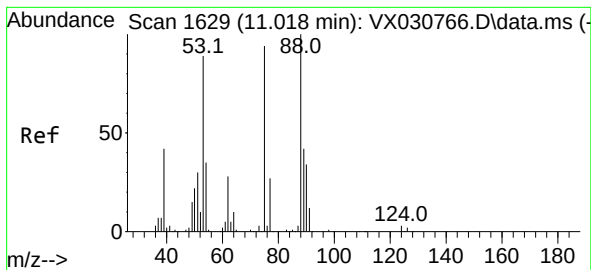
Tgt Ion:152 Resp: 122364
 Ion Ratio Lower Upper
 152 100
 115 61.1 40.5 121.5
 150 157.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.099 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030887.D
 Acq: 27 Aug 2022 21:46

Tgt Ion: 75 Resp: 67287
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.981 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030887.D
 Acq: 27 Aug 2022 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20220821

Tgt Ion: 75 Resp: 67287
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

