

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031042.D
 Acq On : 02 Sep 2022 00:03
 Operator : JC/MD
 Sample : N4297-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220821

Quant Time: Sep 02 02:57:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

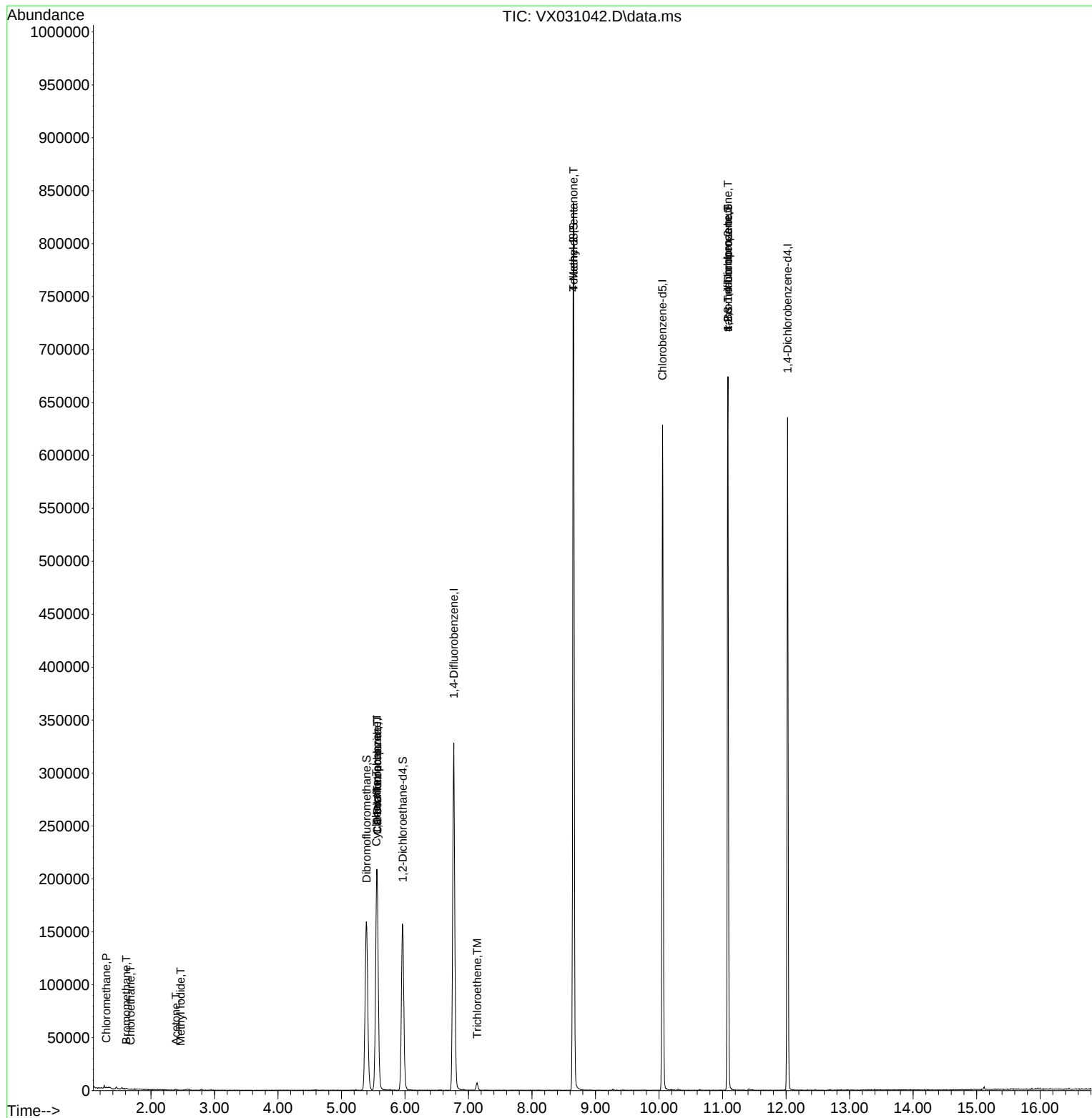
Internal Standards						
1) Pentafluorobenzene	5.556	168	212434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	354945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151878	55.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.120%	
35) Dibromofluoromethane	5.397	113	145380	56.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.260%	
50) Toluene-d8	8.653	98	529719	55.566	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.140%	
62) 4-Bromofluorobenzene	11.085	95	179115	53.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	114	0.754	ug/l #	42
5) Bromomethane	1.611	94	272	0.266	ug/l #	30
6) Chloroethane	1.678	64	52	1.770	ug/l #	41
10) Methyl Iodide	2.465	142	80	2.939	ug/l #	45
11) Tert butyl alcohol	2.971	59	214	Below Cal	#	74
16) Acetone	2.392	43	1100	1.042	ug/l	96
20) Methylene Chloride	2.794	84	475	Below Cal	#	79
31) Cyclohexane	5.550	56	3360	0.900	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13650	3.762	ug/l #	51
38) Carbon Tetrachloride	5.562	117	21172	5.622	ug/l #	17
44) Trichloroethene	7.135	130	2688	0.815	ug/l	70
51) 4-Methyl-2-Pentanone	8.653	43	2026	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	82568	24.966	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	82568	78.461	ug/l #	13

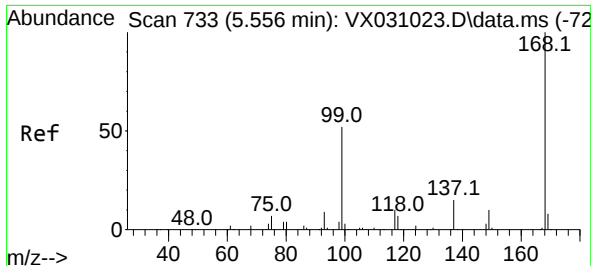
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

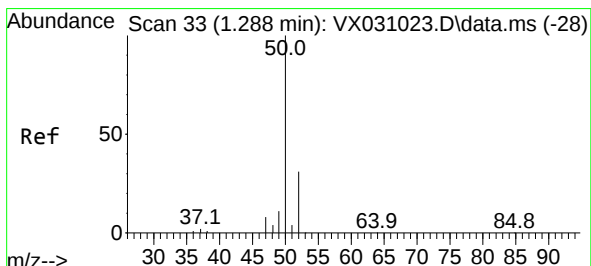
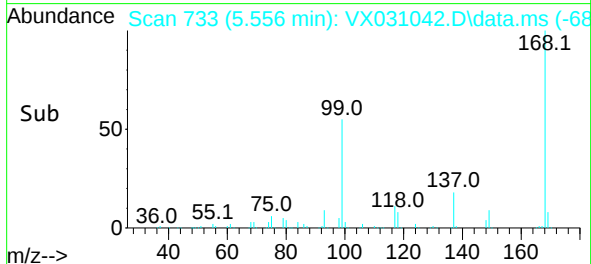
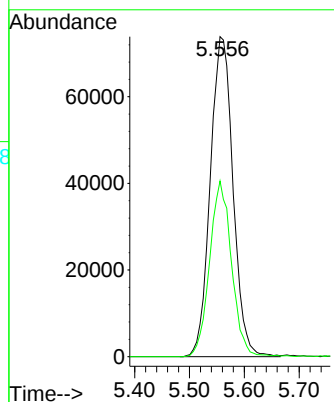
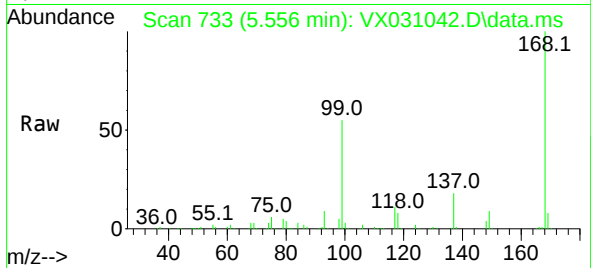




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

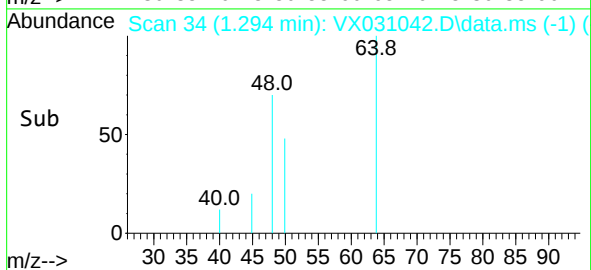
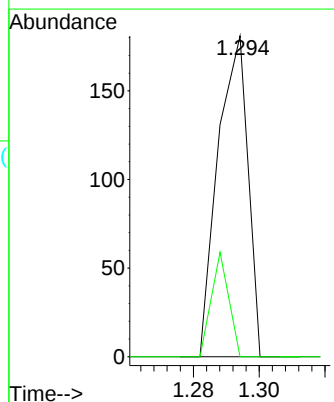
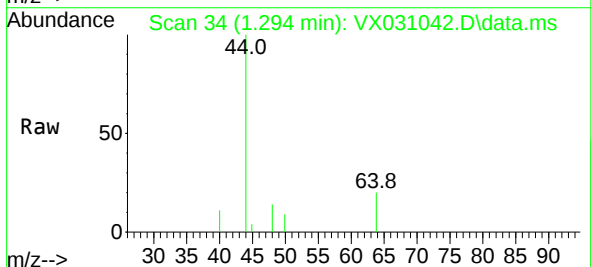
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220821

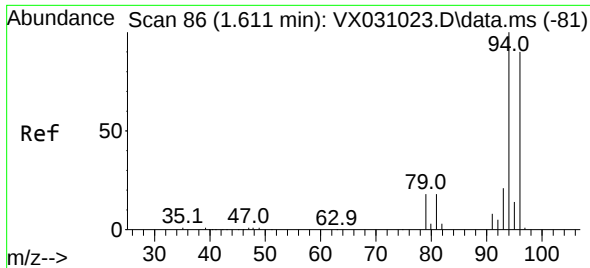
Tgt Ion:168 Resp: 212434
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#3
Chloromethane
Concen: 0.754 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion: 50 Resp: 114
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

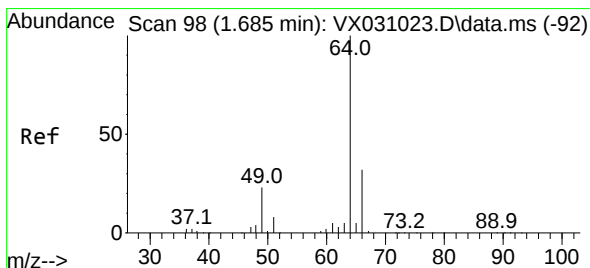
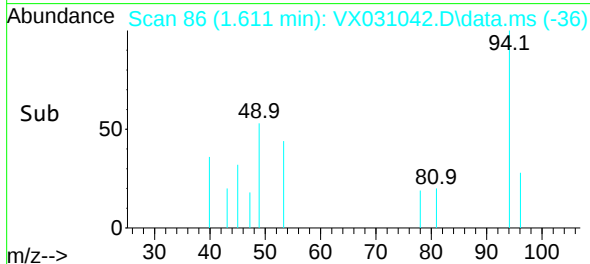
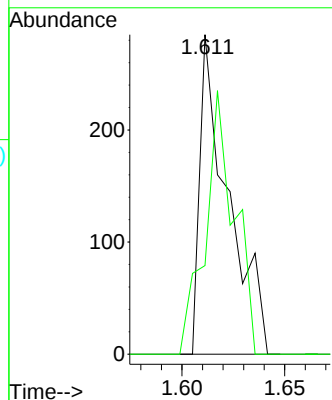
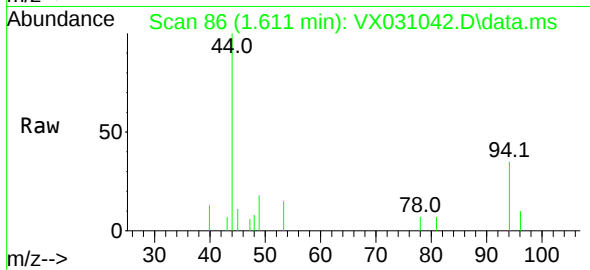




#5
 Bromomethane
 Concen: 0.266 ug/l
 RT: 1.611 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX031042.D
 Acq: 02 Sep 2022 00:03

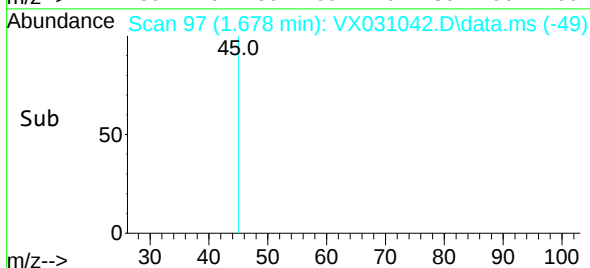
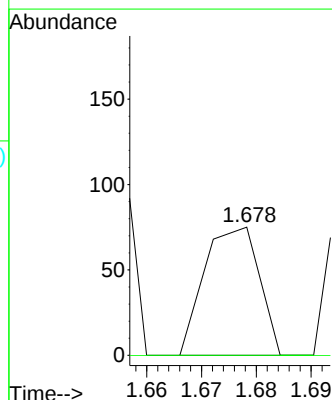
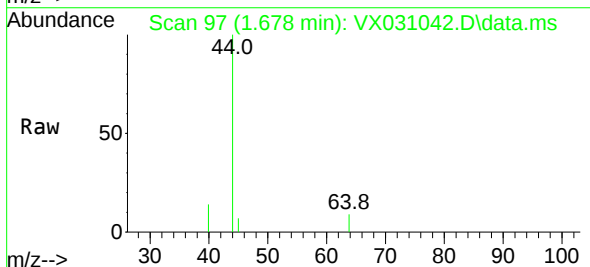
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220821

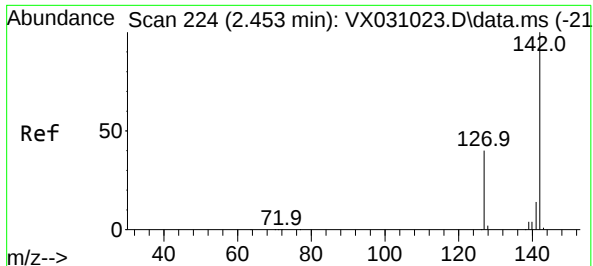
Tgt Ion: 94 Resp: 272
 Ion Ratio Lower Upper
 94 100
 96 27.7 76.9 115.3#



#6
 Chloroethane
 Concen: 1.770 ug/l
 RT: 1.678 min Scan# 97
 Delta R.T. -0.007 min
 Lab File: VX031042.D
 Acq: 02 Sep 2022 00:03

Tgt Ion: 64 Resp: 52
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#

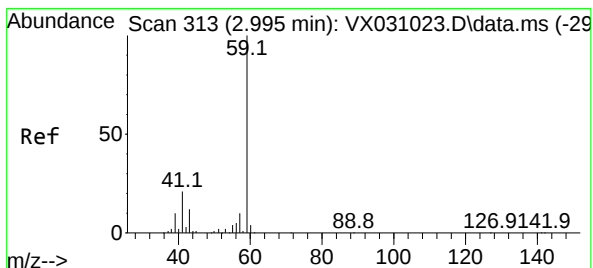
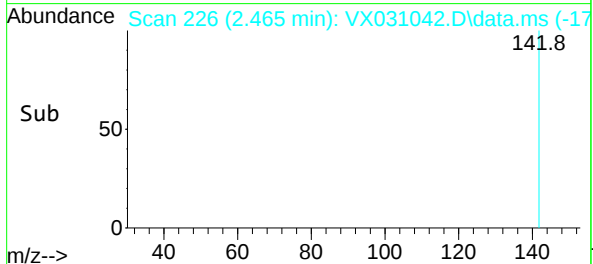
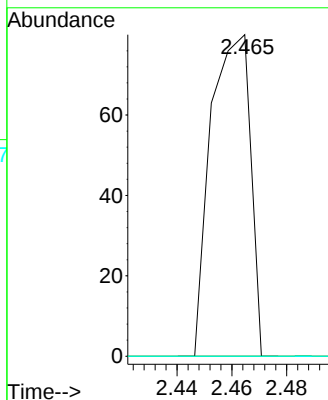
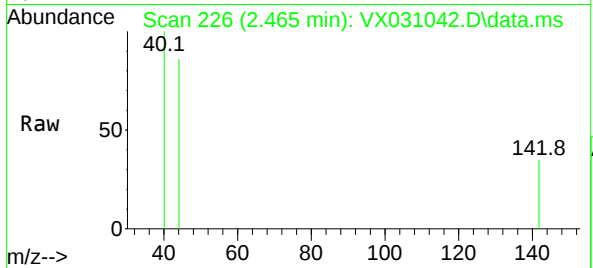




#10
Methyl Iodide
Concen: 2.939 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

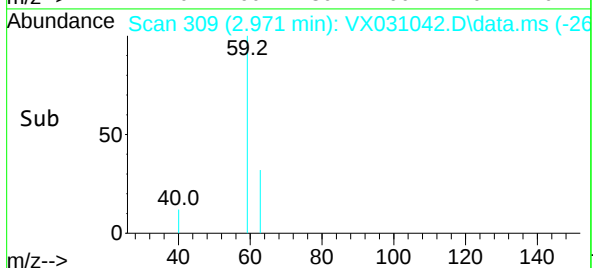
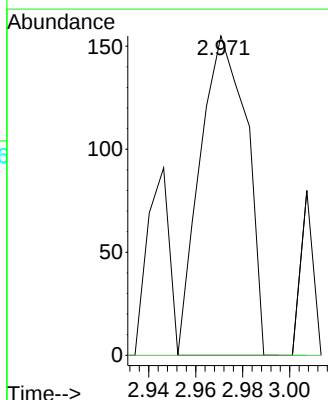
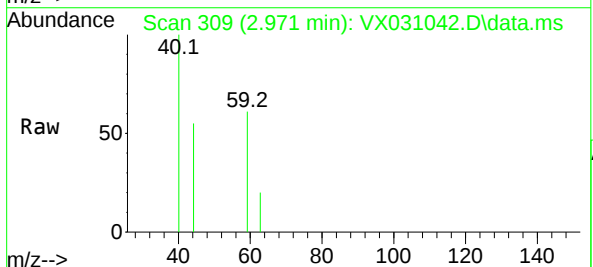
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220821

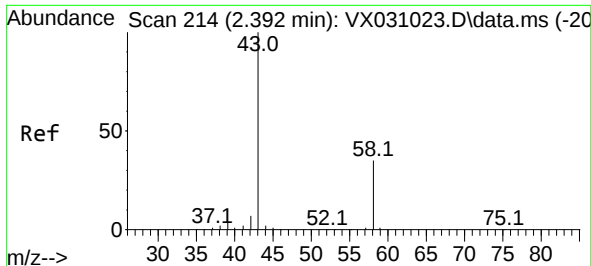
Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

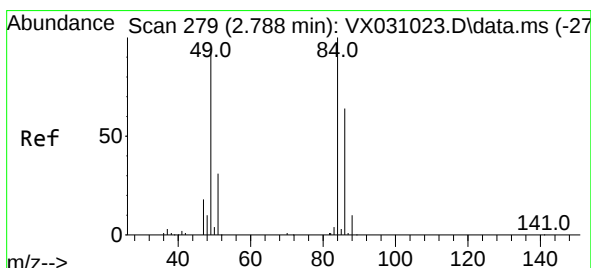
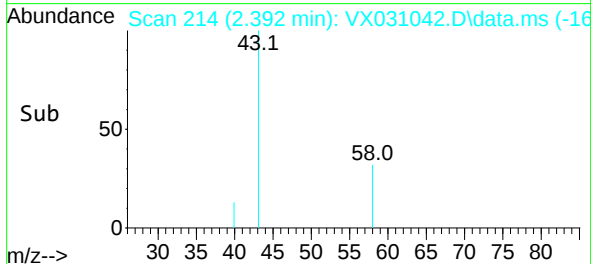
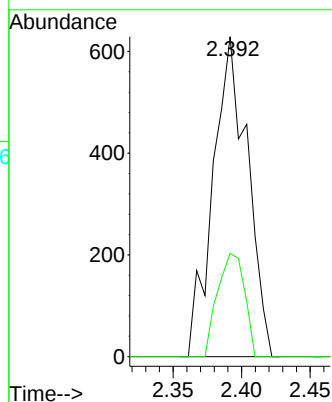
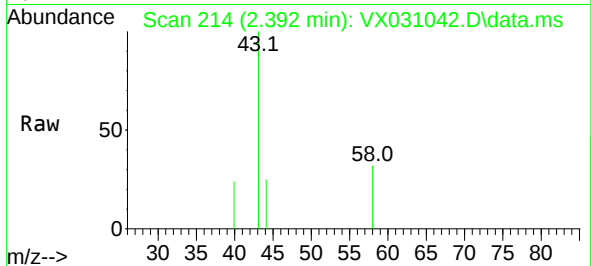




#16
Acetone
Concen: 1.042 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

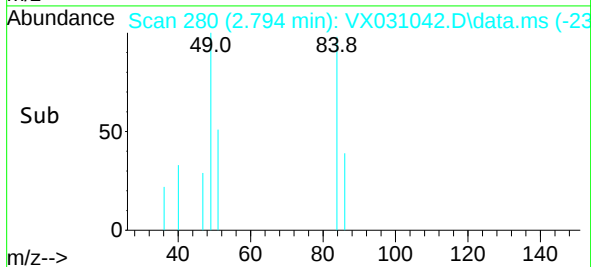
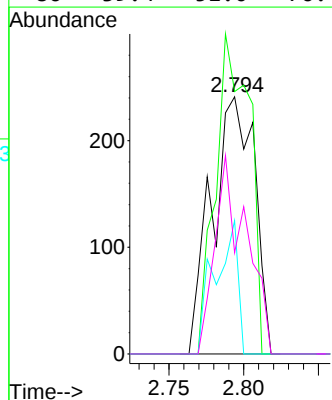
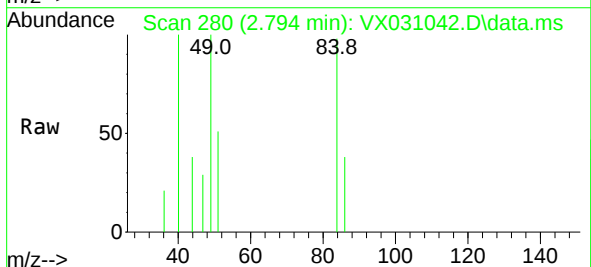
Instrument : MSVOA_X
ClientSampleId : RW8-MW01D2-20220821

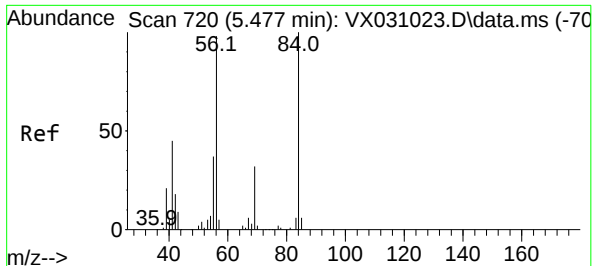
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 32.3 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion: 84 Resp: 475
Ion Ratio Lower Upper
84 100
49 102.1 93.8 140.6
51 51.9 29.4 44.0#
86 39.4 51.0 76.4#

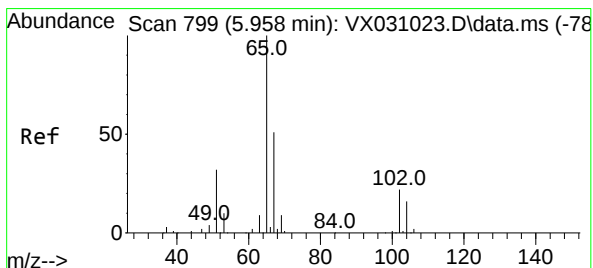
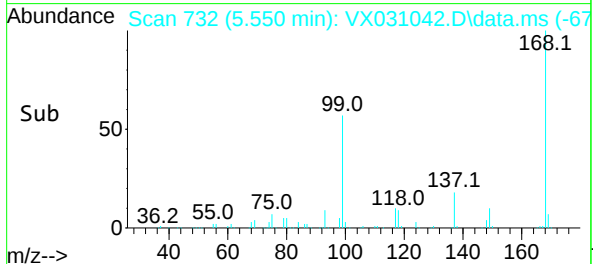
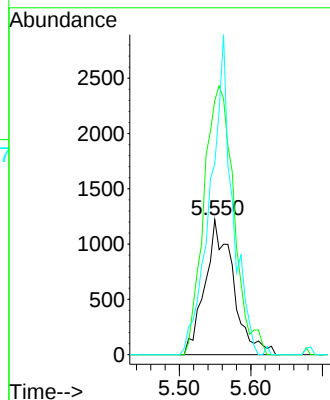
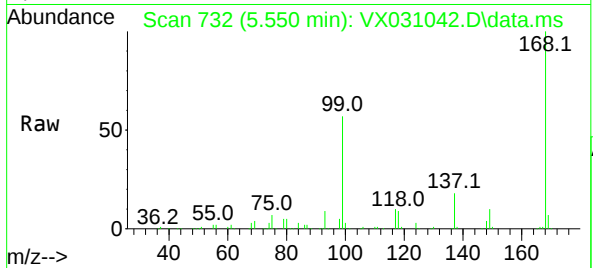




#31
Cyclohexane
Concen: 0.900 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.072 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

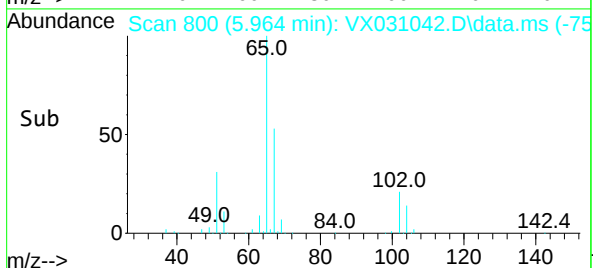
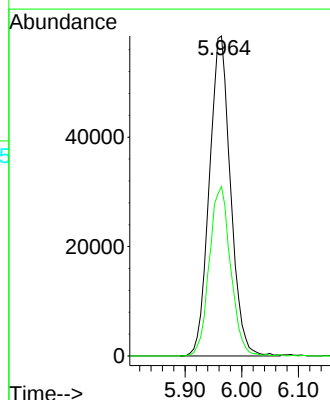
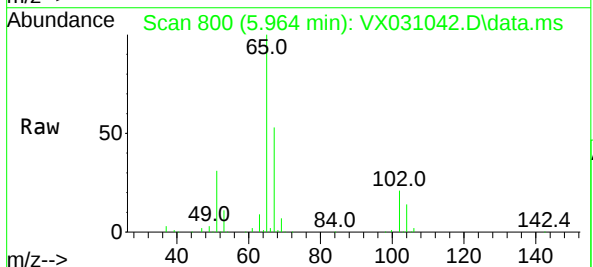
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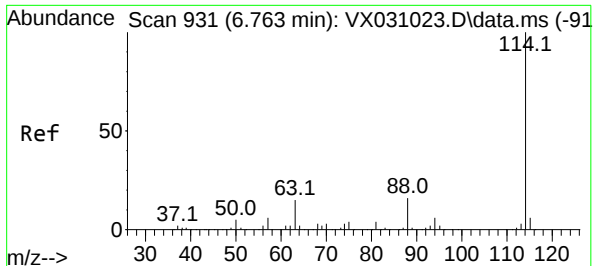
Tgt Ion: 56 Resp: 3360
Ion Ratio Lower Upper
56 100
69 188.3 25.4 38.0#
84 141.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.564 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion: 65 Resp: 151878
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

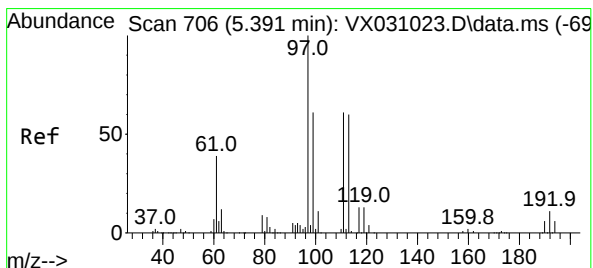
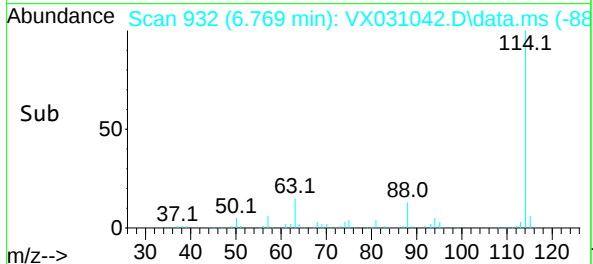
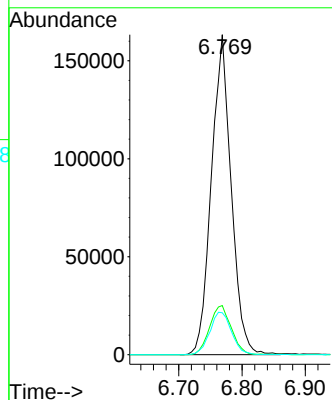
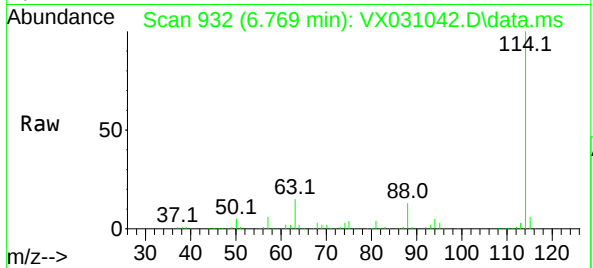




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

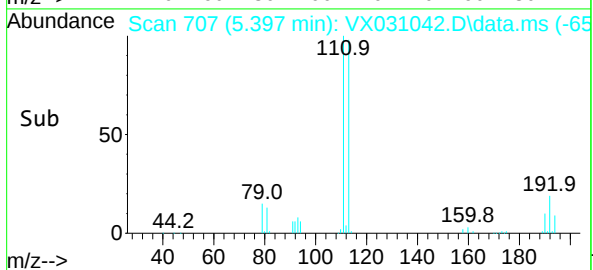
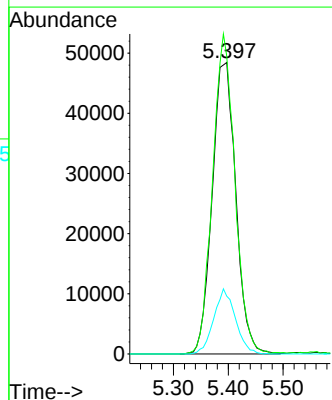
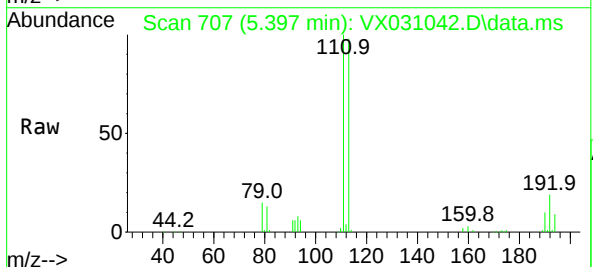
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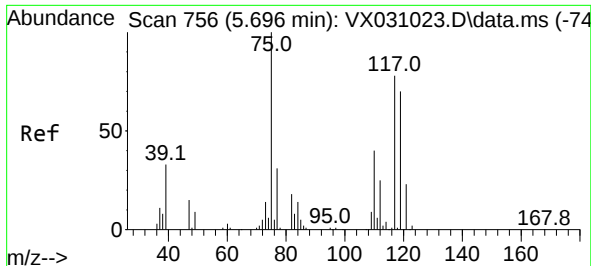
Tgt Ion:114 Resp: 354945
Ion Ratio Lower Upper
114 100
63 15.3 0.0 38.4
88 13.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.125 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion:113 Resp: 145380
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 20.4 14.8 22.2

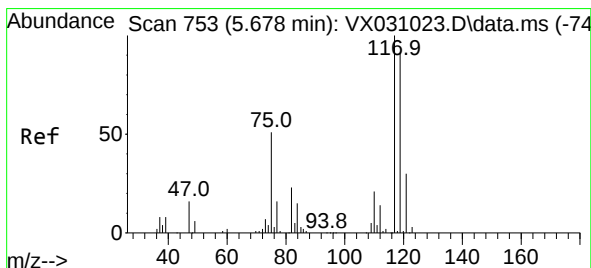
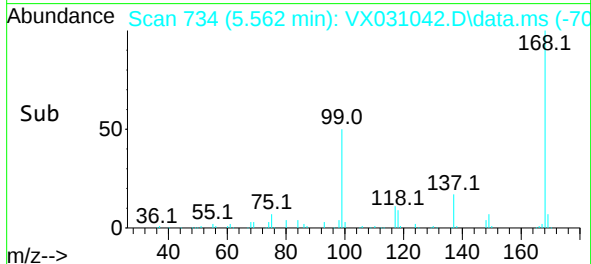
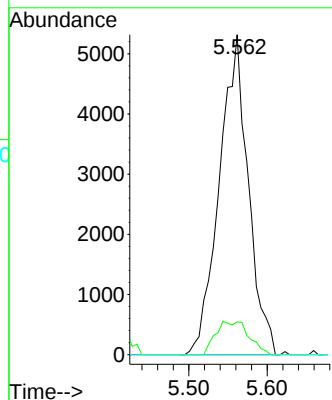
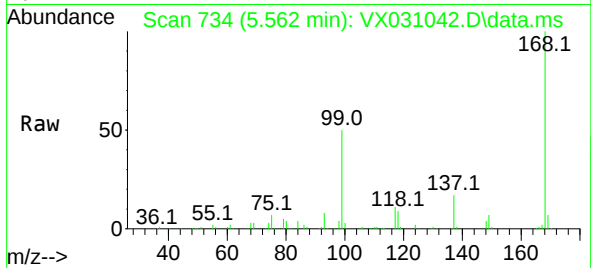




#36
1,1-Dichloropropene
Concen: 3.762 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

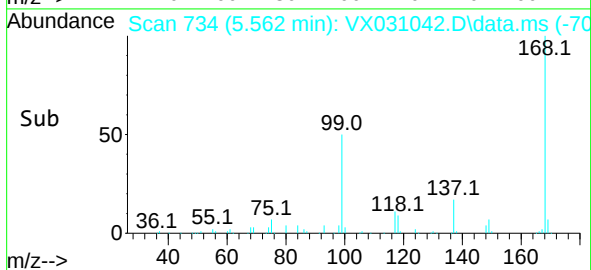
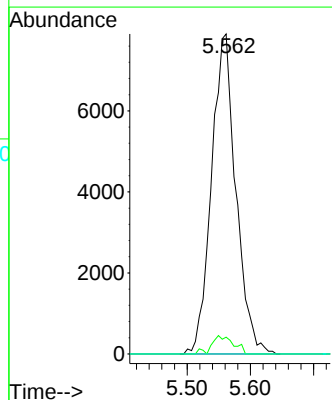
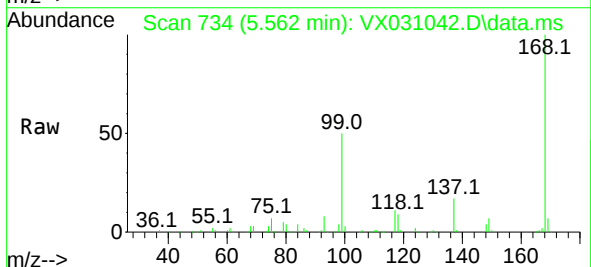
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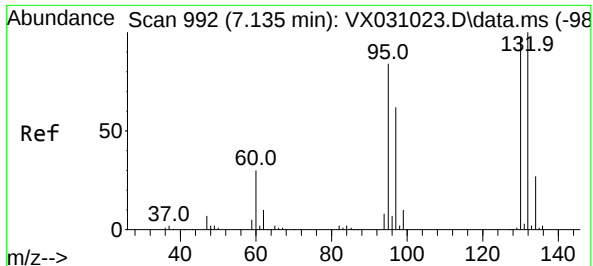
Tgt Ion: 75 Resp: 13650
Ion Ratio Lower Upper
75 100
110 11.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion: 117 Resp: 21172
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#

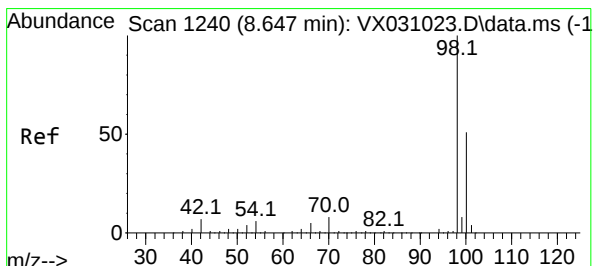
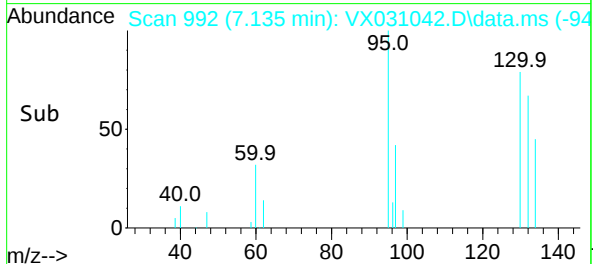
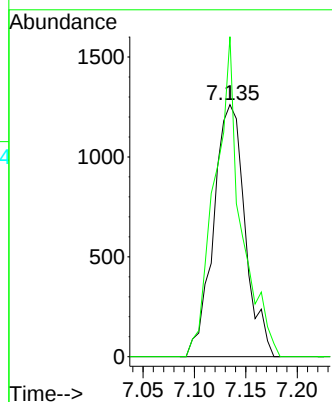
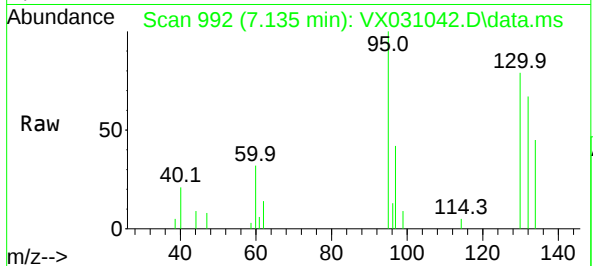




#44
Trichloroethene
Concen: 0.815 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

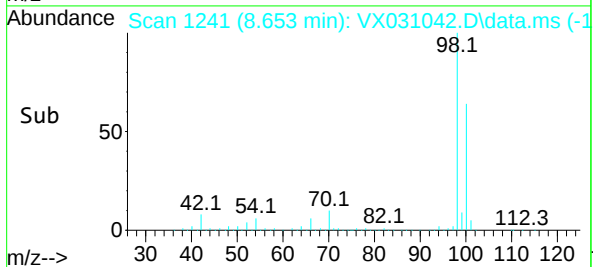
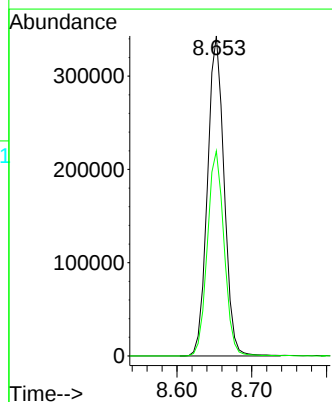
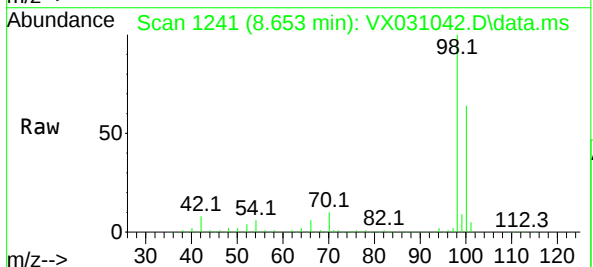
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220821

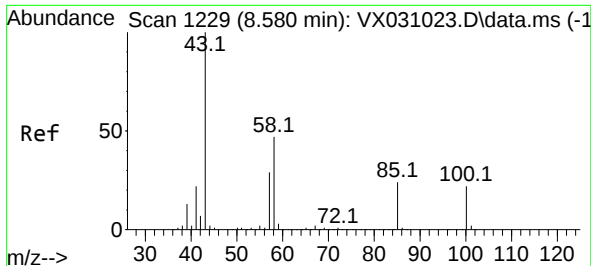
Tgt Ion:130 Resp: 2688
Ion Ratio Lower Upper
130 100
95 126.9 0.0 194.8



#50
Toluene-d8
Concen: 55.566 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion: 98 Resp: 529719
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.640 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031042.D

Acq: 02 Sep 2022 00:03

Instrument :

MSVOA_X

ClientSampleId :

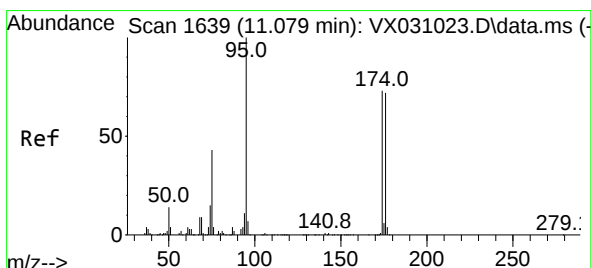
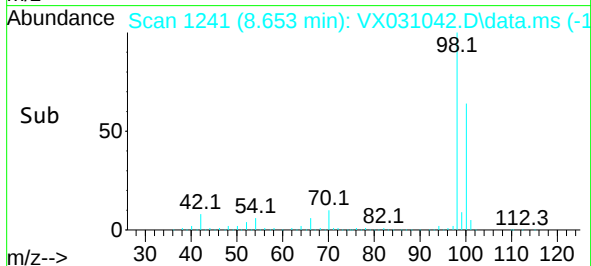
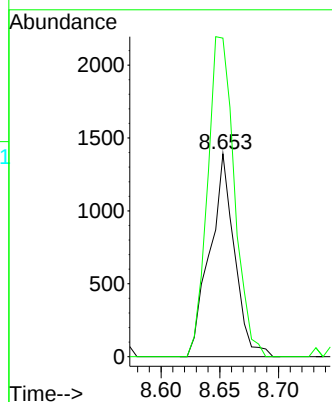
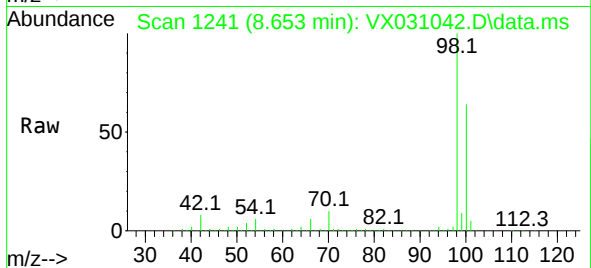
RW8-MW01D2-20220821

Tgt Ion: 43 Resp: 2026

Ion Ratio Lower Upper

43 100

58 172.3 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 53.196 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031042.D

Acq: 02 Sep 2022 00:03

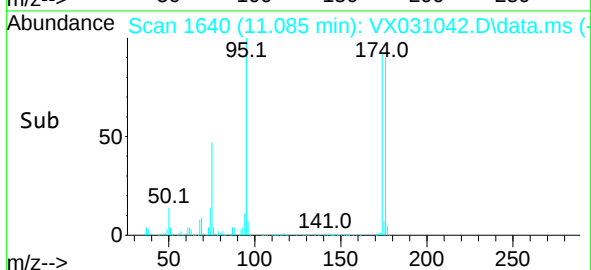
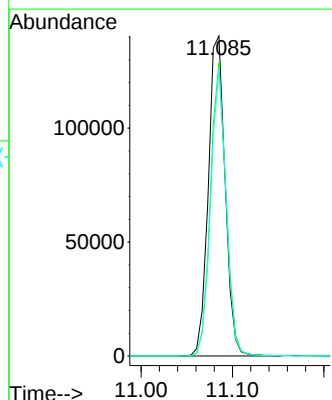
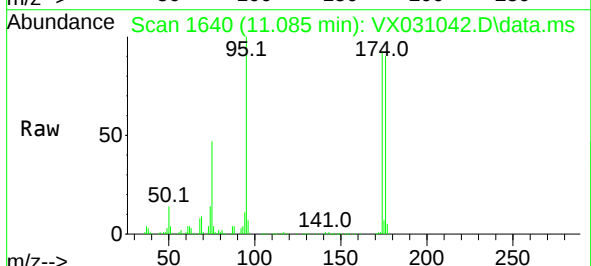
Tgt Ion: 95 Resp: 179115

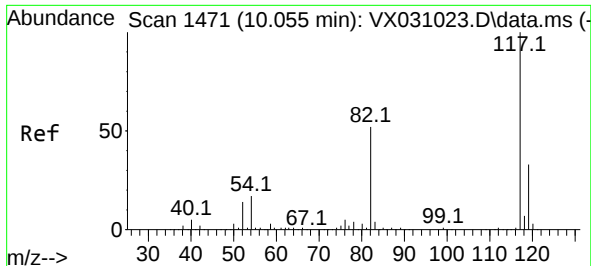
Ion Ratio Lower Upper

95 100

174 85.4 0.0 149.0

176 83.0 0.0 146.0

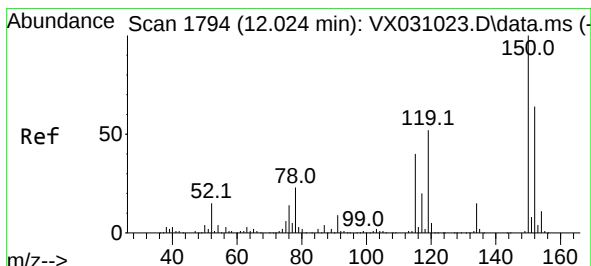
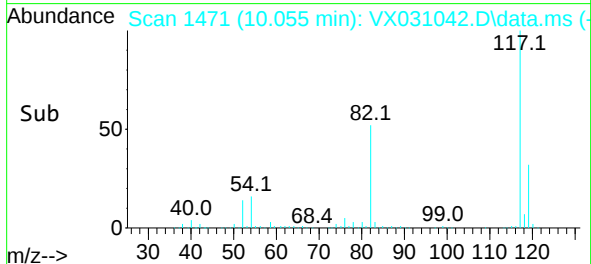
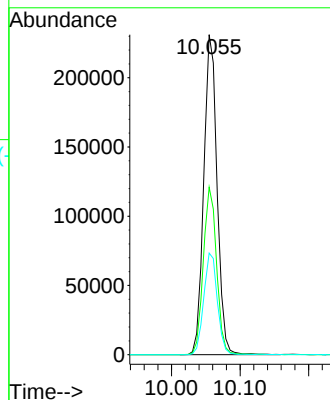
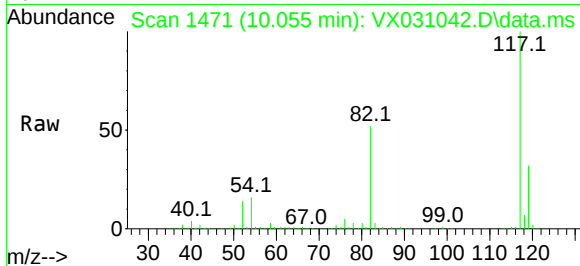




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

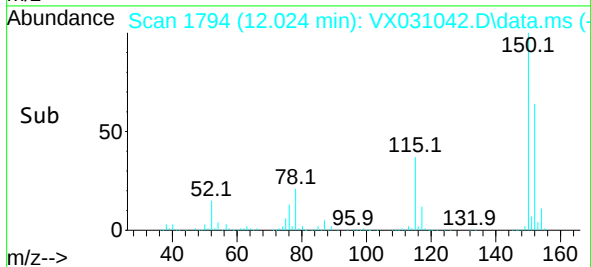
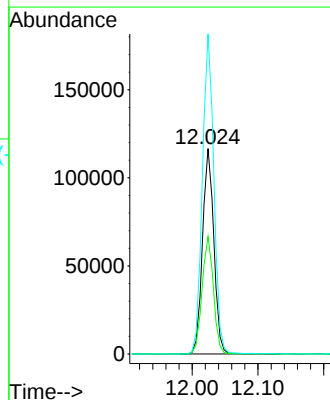
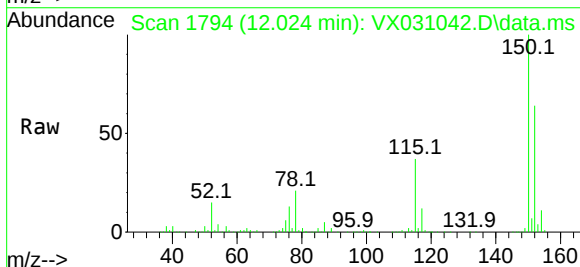
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220821

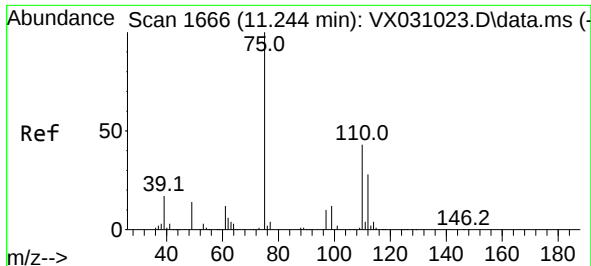
Tgt Ion:117 Resp: 312565
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion:152 Resp: 139906
Ion Ratio Lower Upper
152 100
115 57.0 40.5 121.5
150 157.4 0.0 347.0

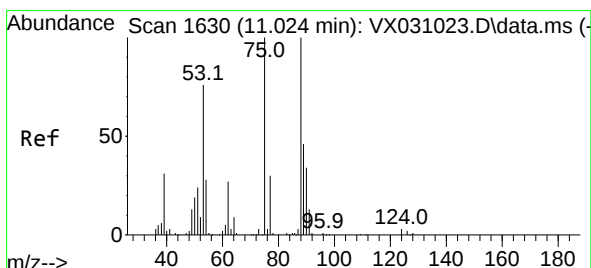
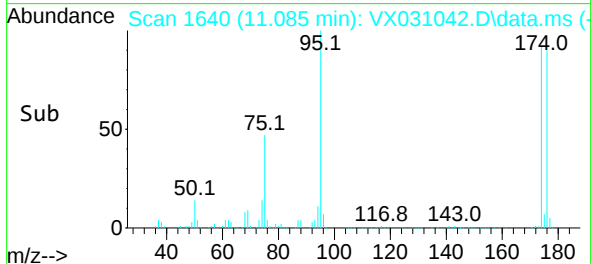
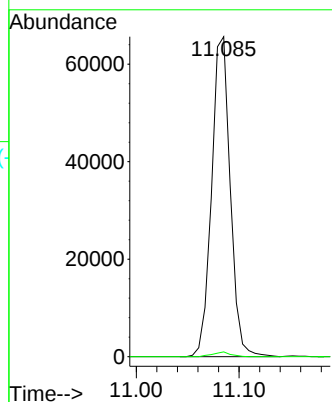
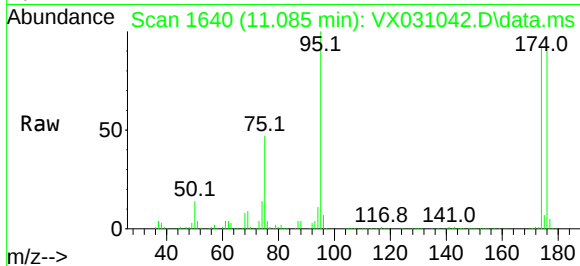




#76
1,2,3-Trichloropropane
Concen: 24.966 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220821

Tgt Ion: 75 Resp: 82568
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.461 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX031042.D
Acq: 02 Sep 2022 00:03

Tgt Ion: 75 Resp: 82568
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

