

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031039.D
 Acq On : 01 Sep 2022 22:53
 Operator : JC/MD
 Sample : N4297-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20220821

Quant Time: Sep 02 02:57:05 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

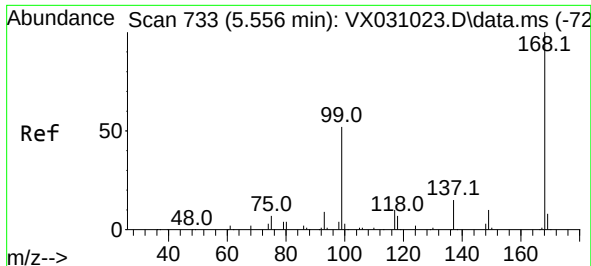
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	223212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	159710	55.608	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 111.220%		
35) Dibromofluoromethane	5.391	113	152021	57.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 114.160%		
50) Toluene-d8	8.653	98	562940	57.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 114.860%#		
62) 4-Bromofluorobenzene	11.085	95	185691	53.635	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 107.280%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	245	0.810	ug/l #	76
5) Bromomethane	1.618	94	255	0.238	ug/l #	49
6) Chloroethane	1.672	64	85	1.787	ug/l #	41
10) Methyl Iodide	2.453	142	95	2.943	ug/l #	45
11) Tert butyl alcohol	2.995	59	43	Below Cal	#	74
16) Acetone	2.386	43	1368	1.234	ug/l #	82
20) Methylene Chloride	2.788	84	278	Below Cal	#	40
29) Tetrahydrofuran	5.019	42	28591	25.909	ug/l #	84
31) Cyclohexane	5.556	56	3873	0.987	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	15050	4.034	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21279	5.495	ug/l #	17
41) Methacrylonitrile	5.013	41	16259	9.408	ug/l #	45
44) Trichloroethene	7.135	130	1808	0.533	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	85571	26.046	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	85571	81.856	ug/l #	13

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

Quant Time: Sep 02 02:57:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
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QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

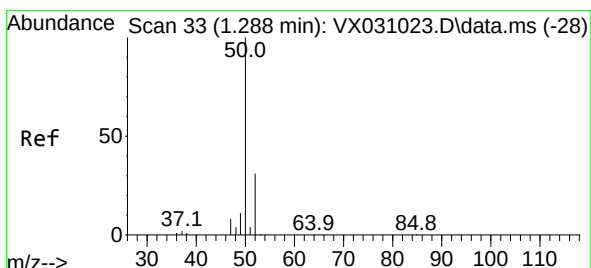
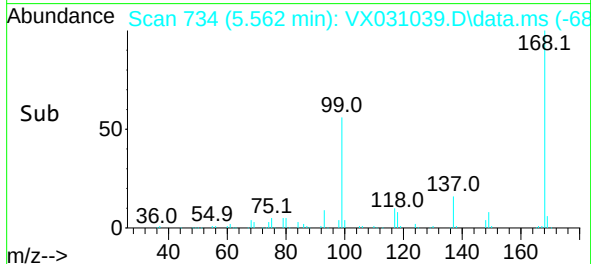
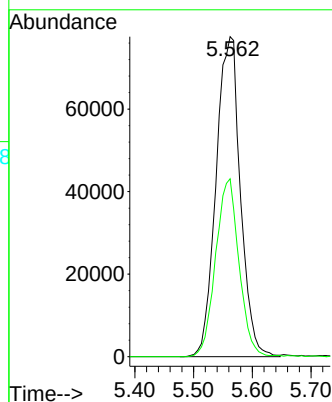
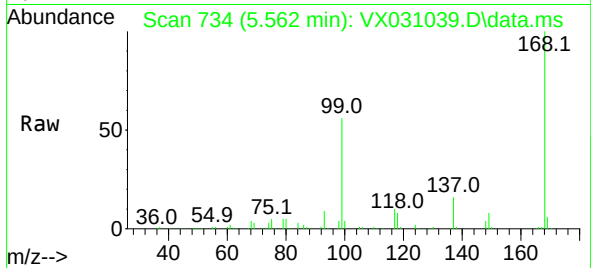




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

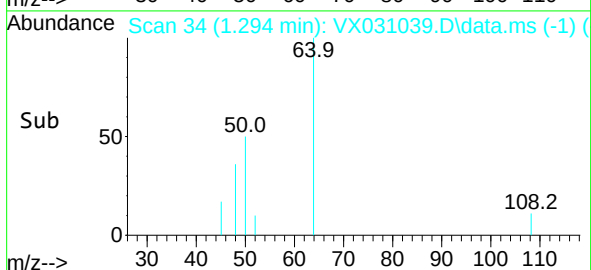
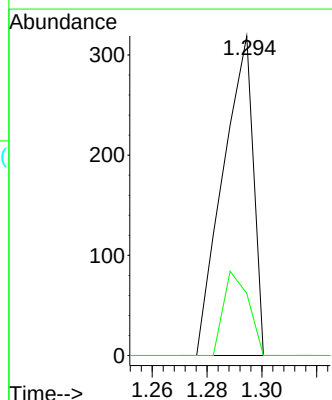
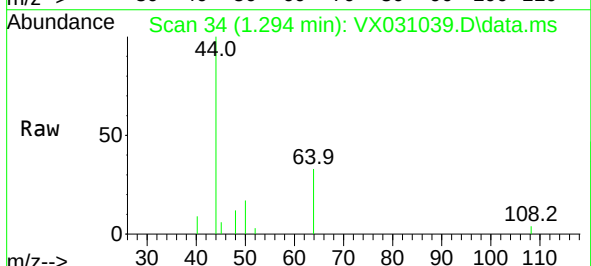
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

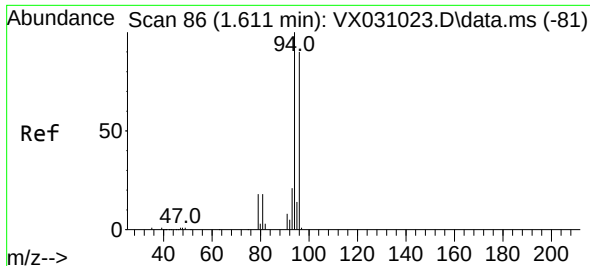
Tgt Ion:168 Resp: 223212
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#3
Chloromethane
Concen: 0.810 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 50 Resp: 245
Ion Ratio Lower Upper
50 100
52 19.4 26.3 39.5#

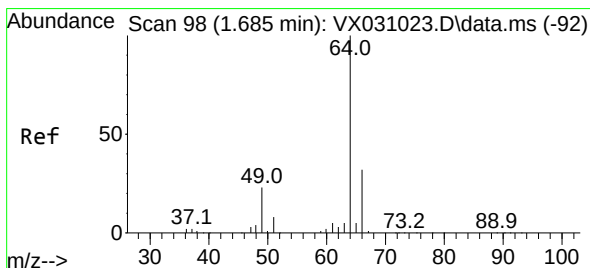
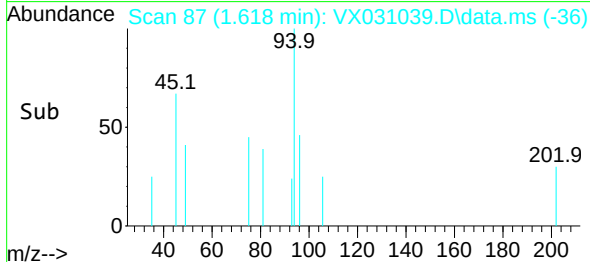
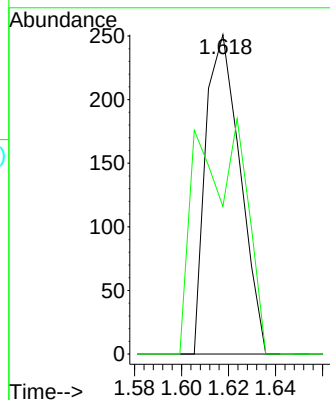
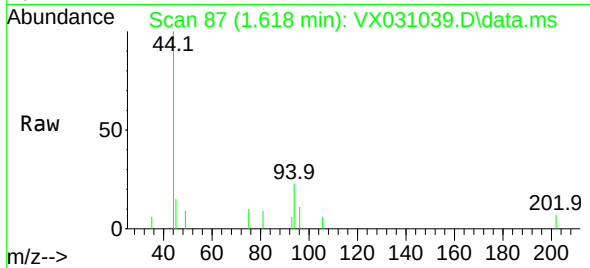




#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

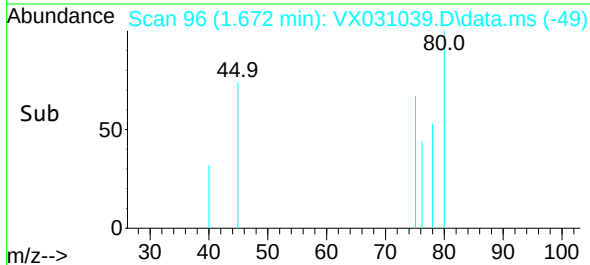
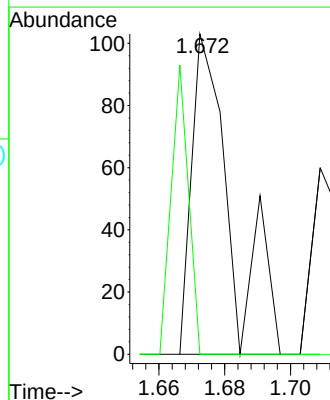
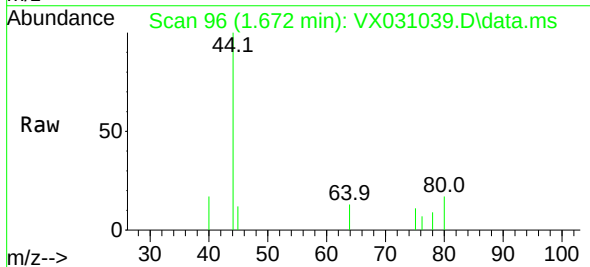
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

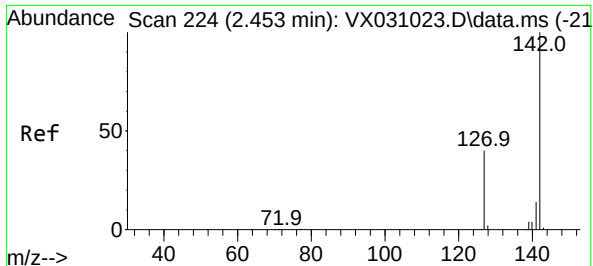
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 46.2 76.9 115.3#



#6
Chloroethane
Concen: 1.787 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 64 Resp: 85
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

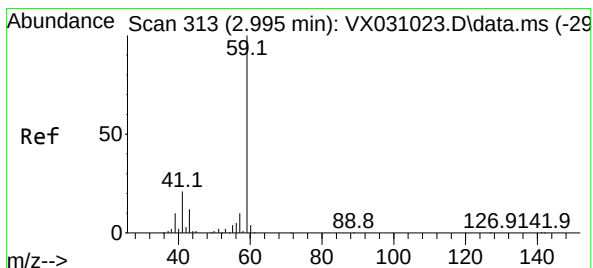
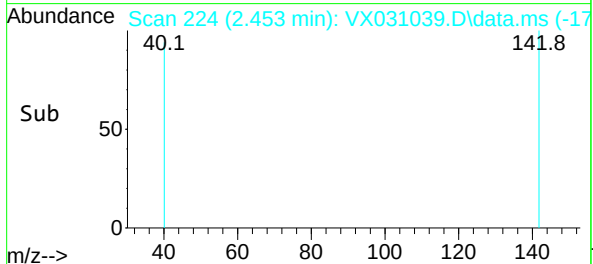
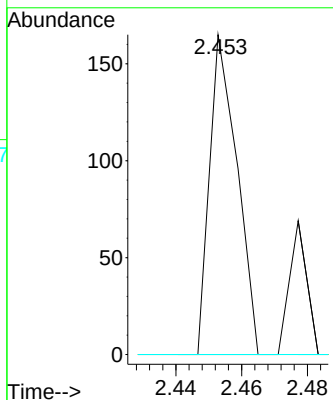
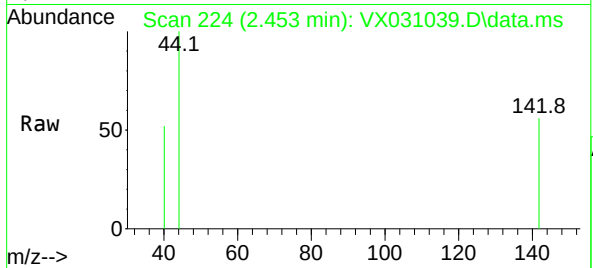




#10
Methyl Iodide
Concen: 2.943 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

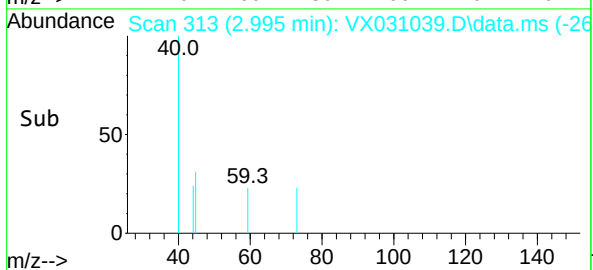
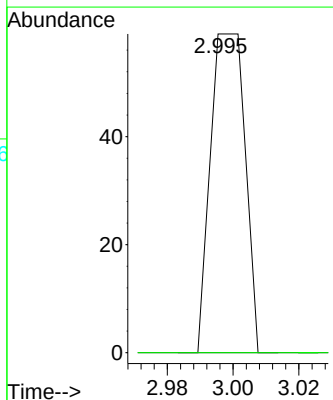
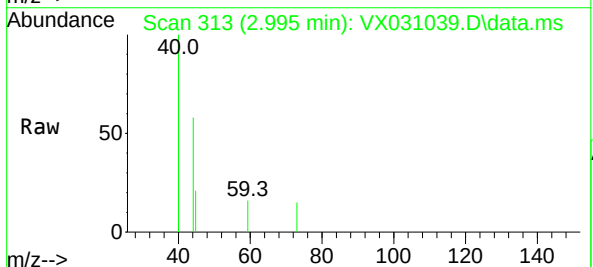
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

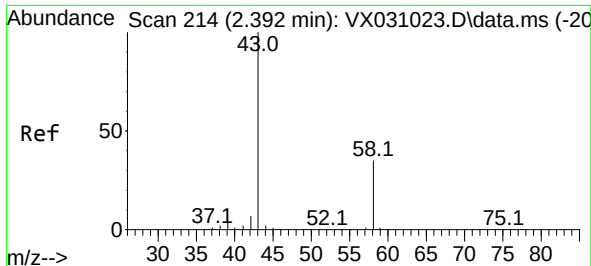
Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 59 Resp: 43
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

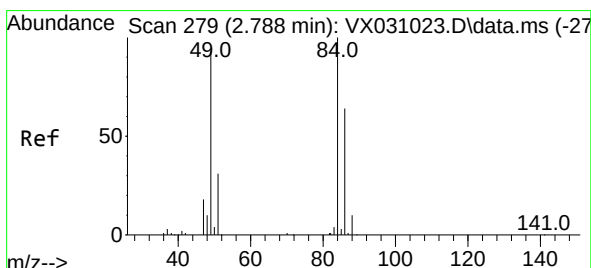
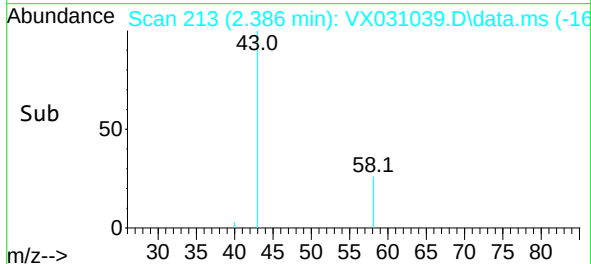
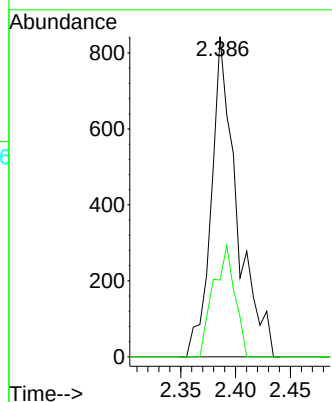
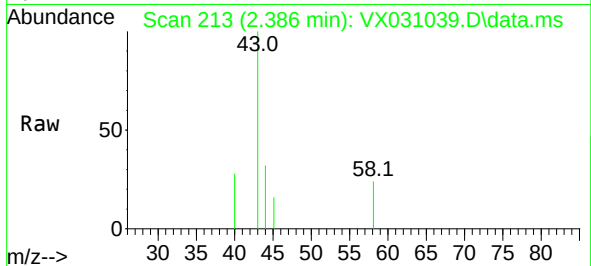




#16
Acetone
Concen: 1.234 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

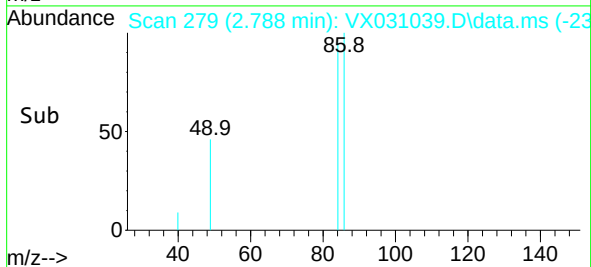
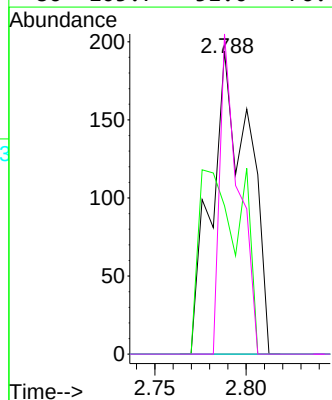
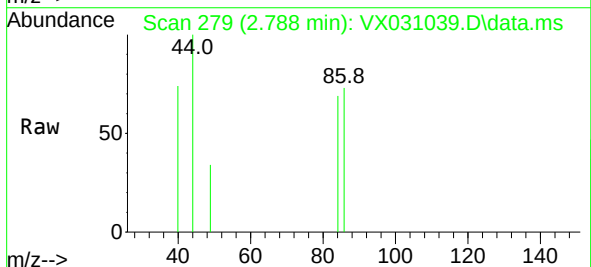
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

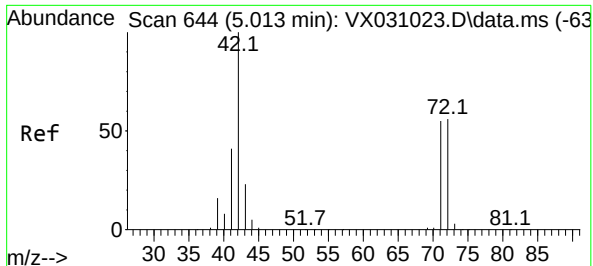
Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 24.0 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 84 Resp: 278
Ion Ratio Lower Upper
84 100
49 49.0 93.8 140.6#
51 0.0 29.4 44.0#
86 105.7 51.0 76.4#





#29

Tetrahydrofuran

Concen: 25.909 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX031039.D

Acq: 01 Sep 2022 22:53

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01S-20220821

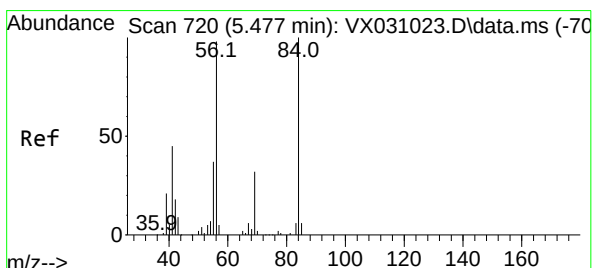
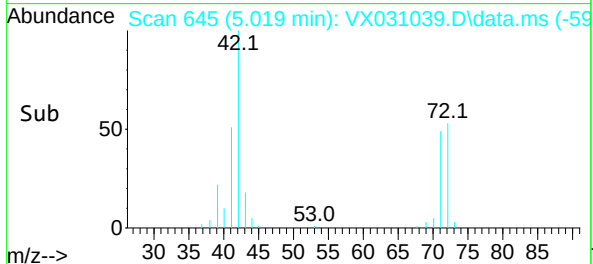
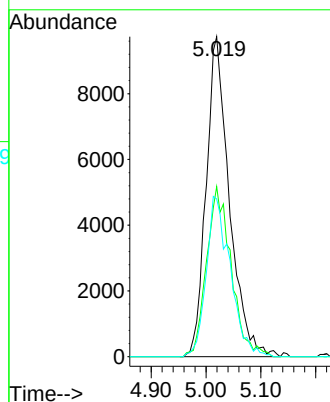
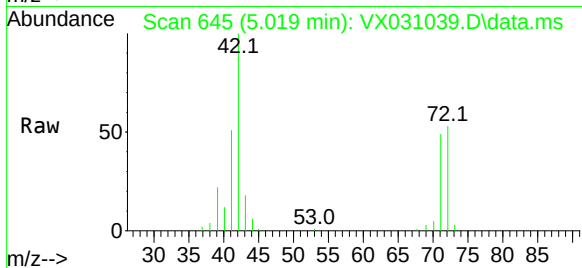
Tgt Ion: 42 Resp: 28591

Ion Ratio Lower Upper

42 100

72 56.3 36.5 54.7#

71 51.8 33.9 50.9#



#31

Cyclohexane

Concen: 0.987 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX031039.D

Acq: 01 Sep 2022 22:53

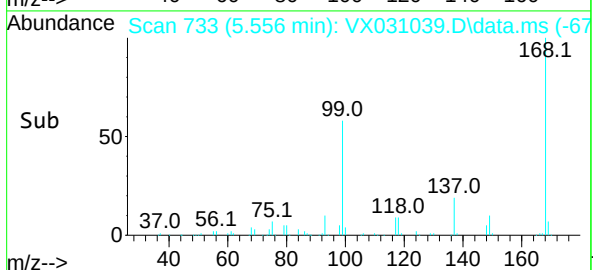
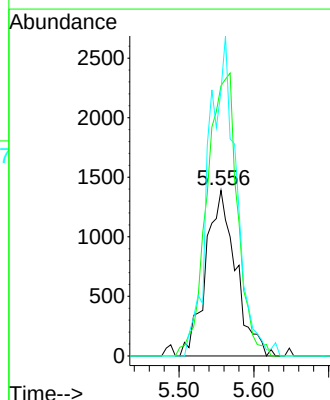
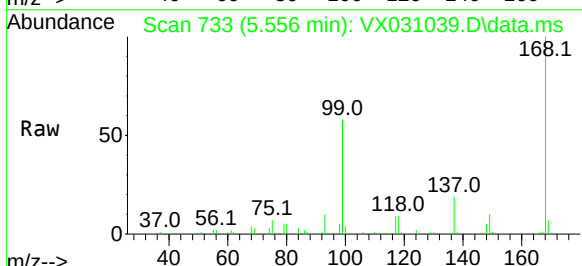
Tgt Ion: 56 Resp: 3873

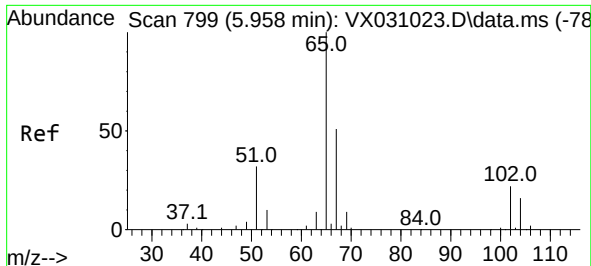
Ion Ratio Lower Upper

56 100

69 163.2 25.4 38.0#

84 160.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.608 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031039.D

Acq: 01 Sep 2022 22:53

Instrument :

MSVOA_X

ClientSampleId :

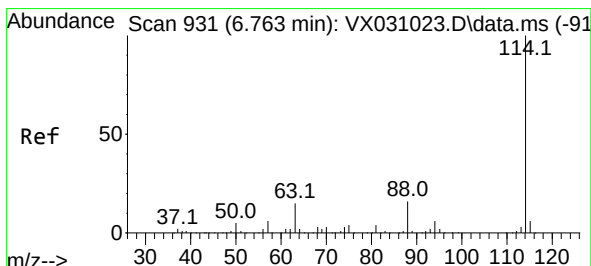
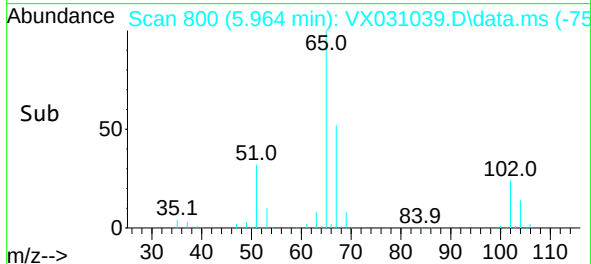
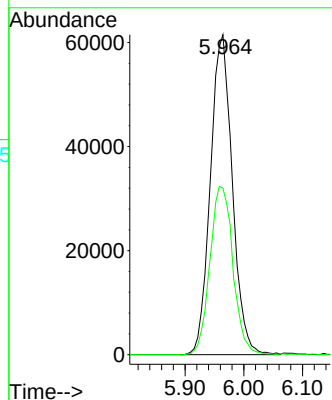
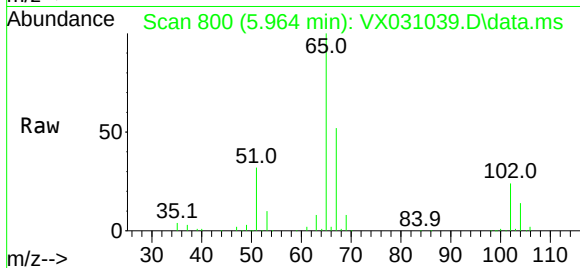
RW9-MW01S-20220821

Tgt Ion: 65 Resp: 159710

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031039.D

Acq: 01 Sep 2022 22:53

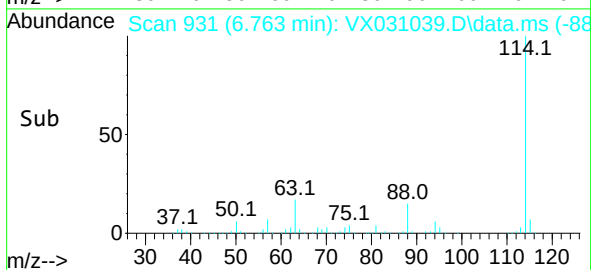
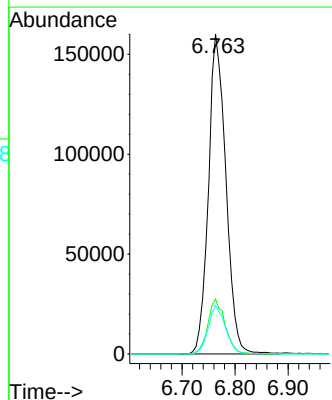
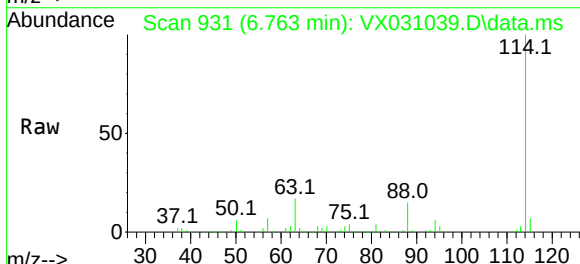
Tgt Ion: 114 Resp: 364963

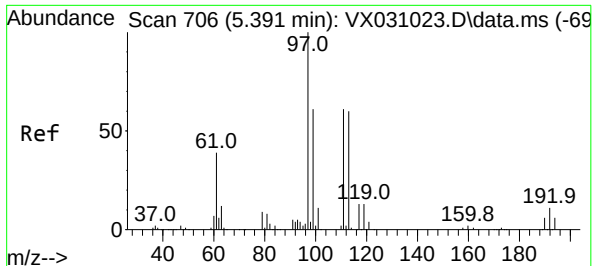
Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

88 15.1 0.0 31.8

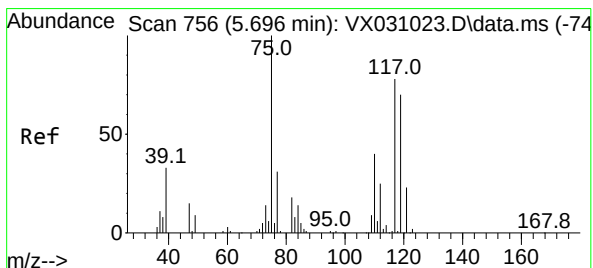
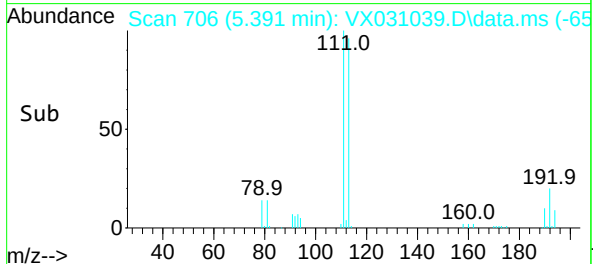
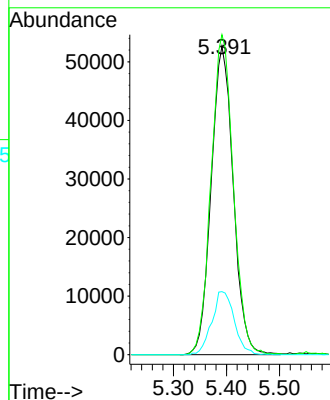
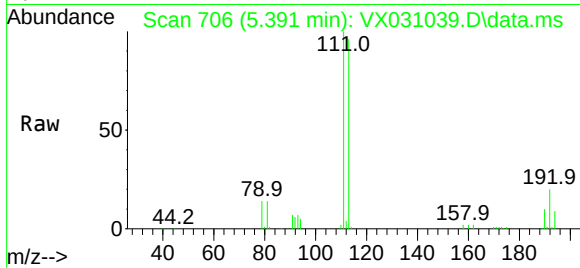




#35
Dibromofluoromethane
Concen: 57.078 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

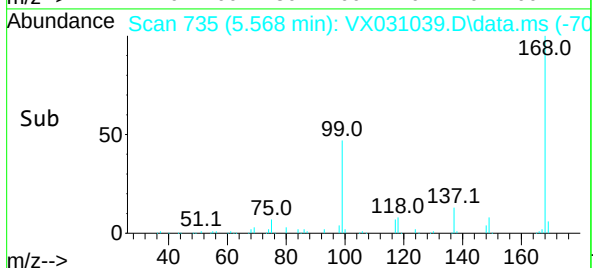
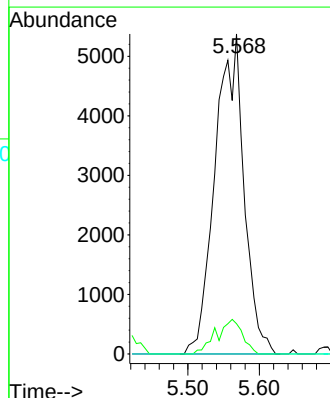
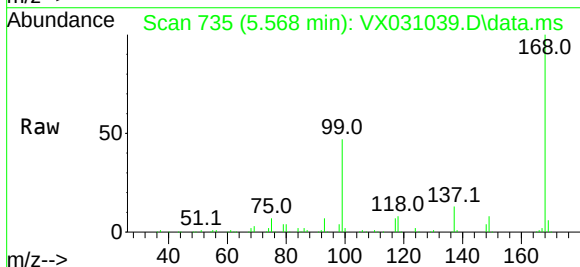
Instrument :
MSVOA_X
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RW9-MW01S-20220821

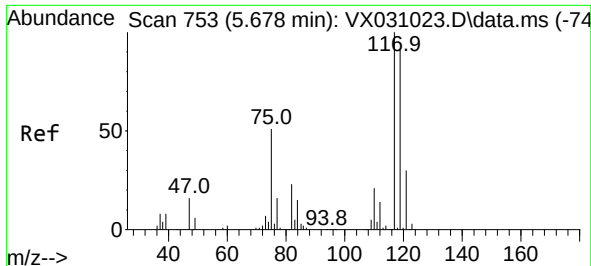
Tgt Ion:113 Resp: 152021
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 20.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.034 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 75 Resp: 15050
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#

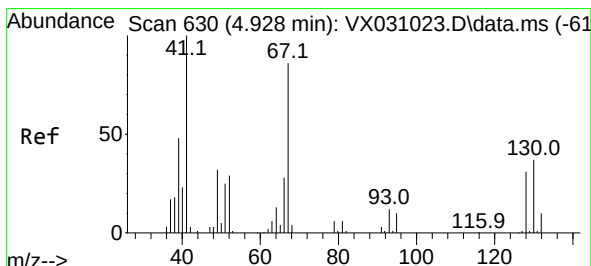
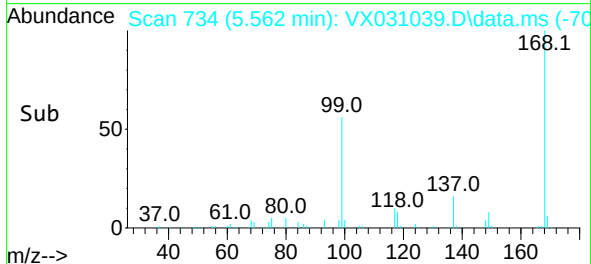
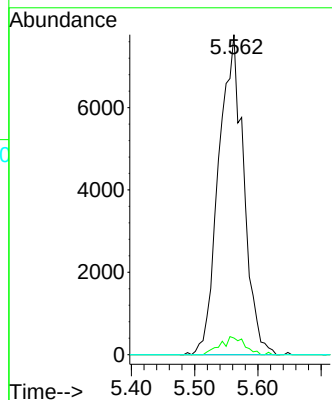
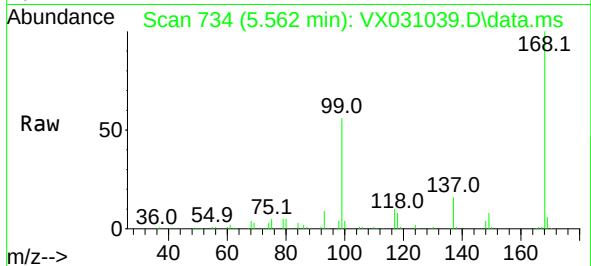




#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

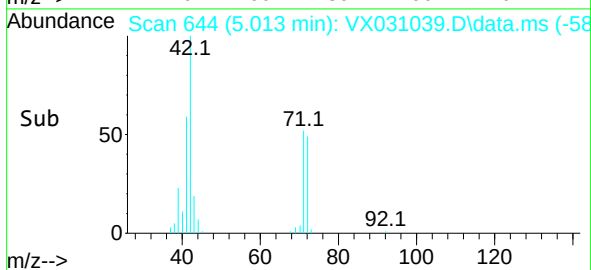
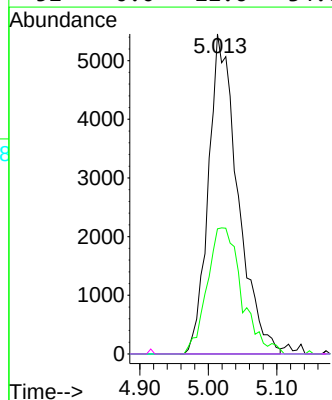
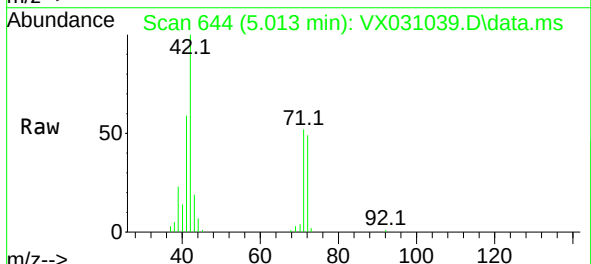
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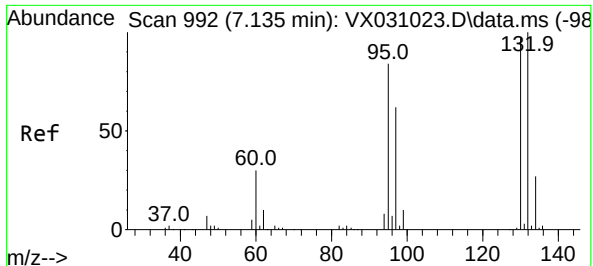
Tgt Ion:117 Resp: 21279
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#



#41
Methacrylonitrile
Concen: 9.408 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX031039.D
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Tgt Ion: 41 Resp: 16259
Ion Ratio Lower Upper
41 100
39 46.4 42.9 64.3
67 0.0 60.1 90.1#
52 0.0 22.6 34.0#

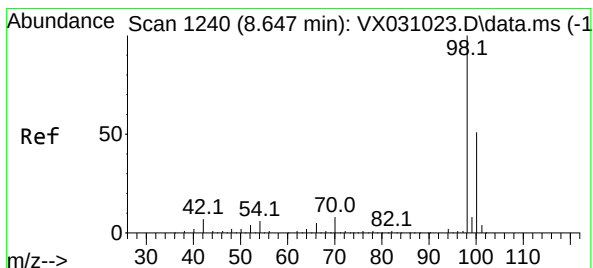
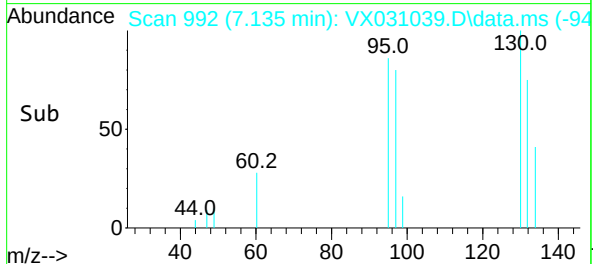
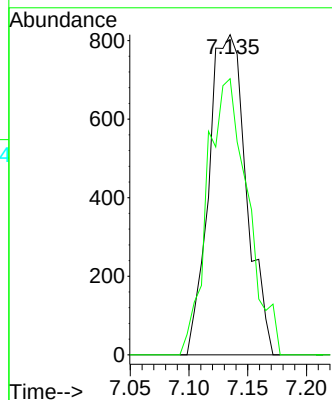
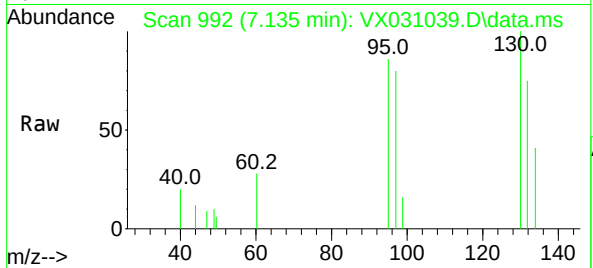




#44
Trichloroethene
Concen: 0.533 ug/l
RT: 7.135 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

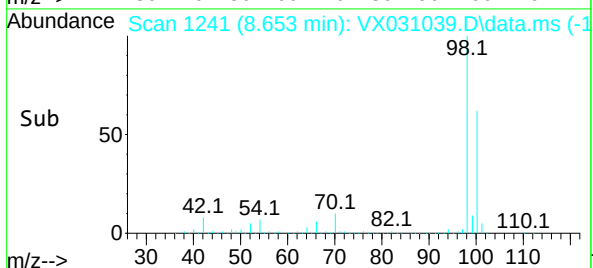
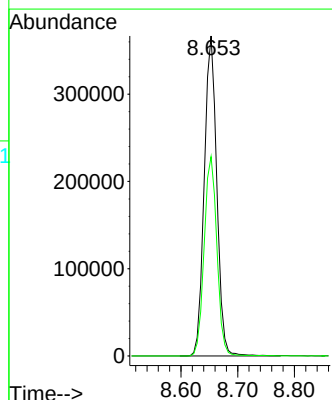
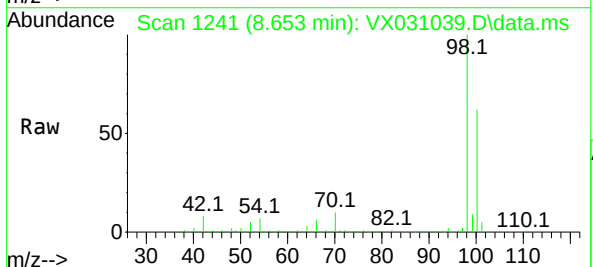
Instrument :
MSVOA_X
ClientSampleId :
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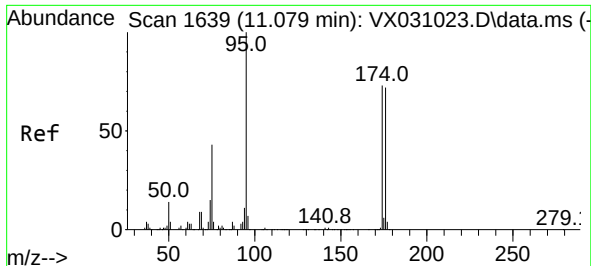
Tgt Ion:130 Resp: 1808
Ion Ratio Lower Upper
130 100
95 86.3 0.0 194.8



#50
Toluene-d8
Concen: 57.430 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 98 Resp: 562940
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5

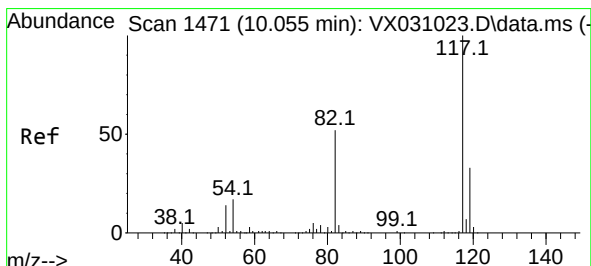
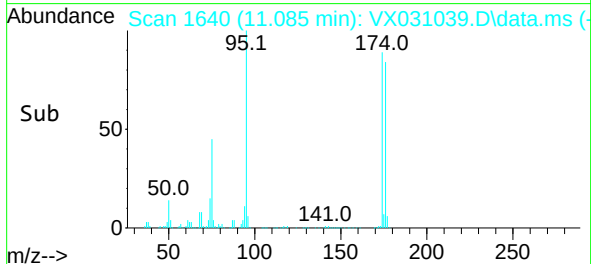
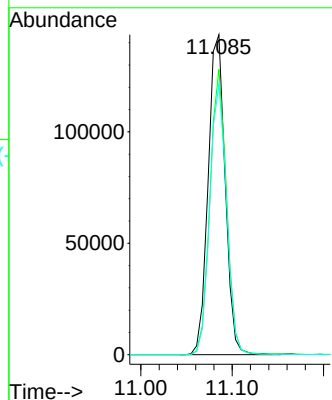
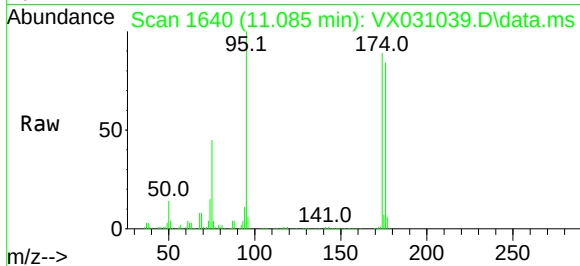




#62
4-Bromofluorobenzene
Concen: 53.635 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

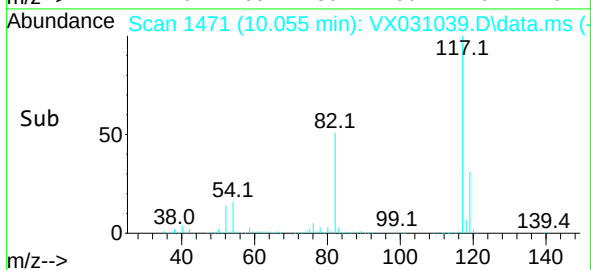
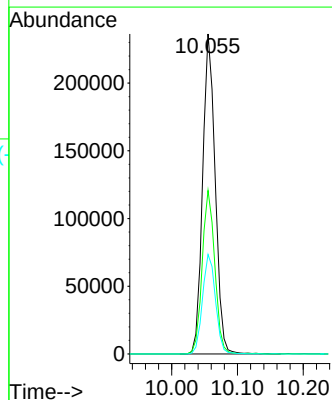
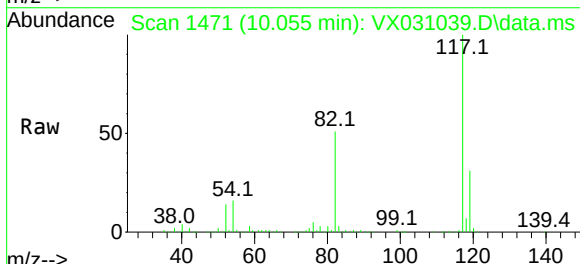
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

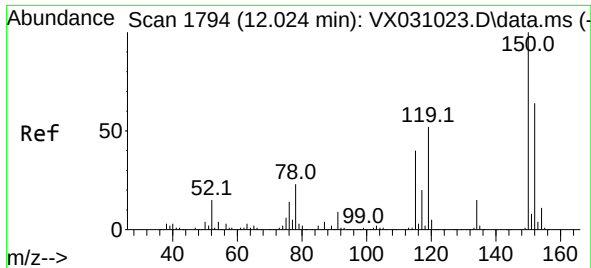
Tgt Ion: 95 Resp: 185691
Ion Ratio Lower Upper
95 100
174 87.0 0.0 149.0
176 83.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 117 Resp: 313483
Ion Ratio Lower Upper
117 100
82 51.1 42.7 64.1
119 31.1 25.4 38.2

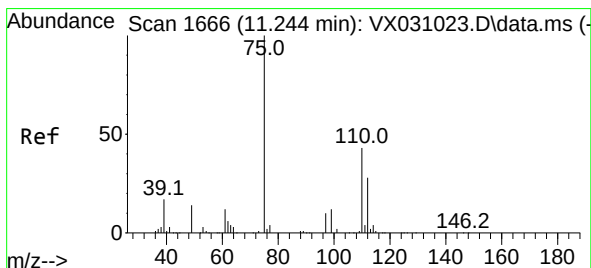
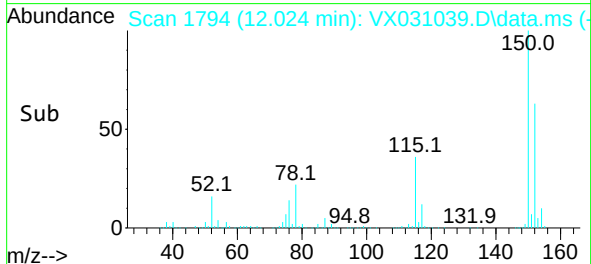
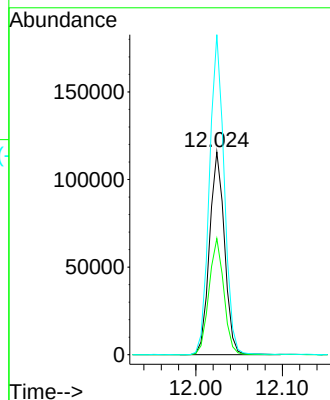
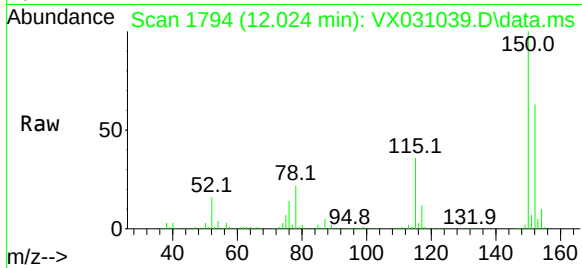




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

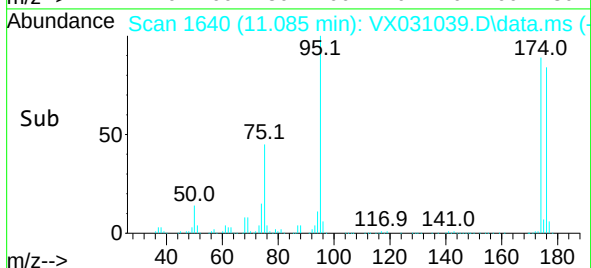
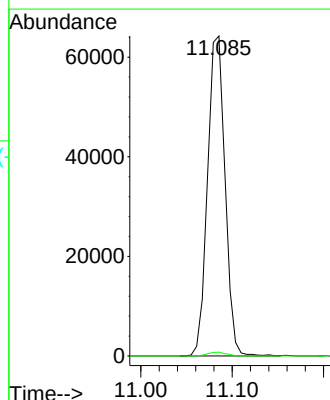
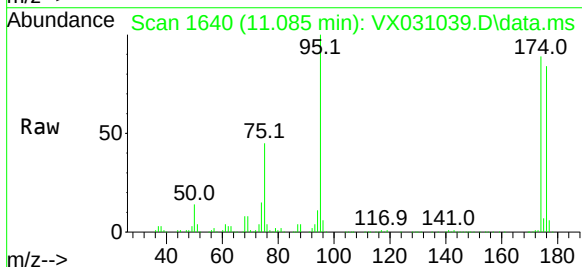
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20220821

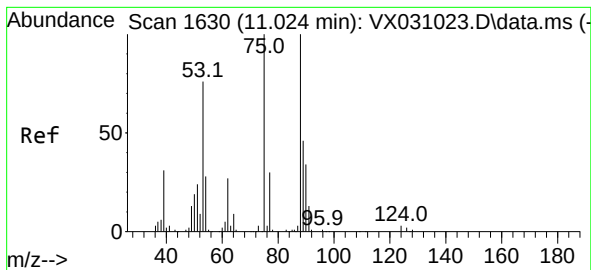
Tgt Ion:152 Resp: 138980
Ion Ratio Lower Upper
152 100
115 56.8 40.5 121.5
150 155.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 26.046 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX031039.D
Acq: 01 Sep 2022 22:53

Tgt Ion: 75 Resp: 85571
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.856 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031039.D
 Acq: 01 Sep 2022 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20220821

Tgt Ion: 75 Resp: 85571
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

