

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031076.D
 Acq On : 02 Sep 2022 18:46
 Operator : JC/MD
 Sample : N4298-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20220822

Quant Time: Sep 03 00:51:14 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)

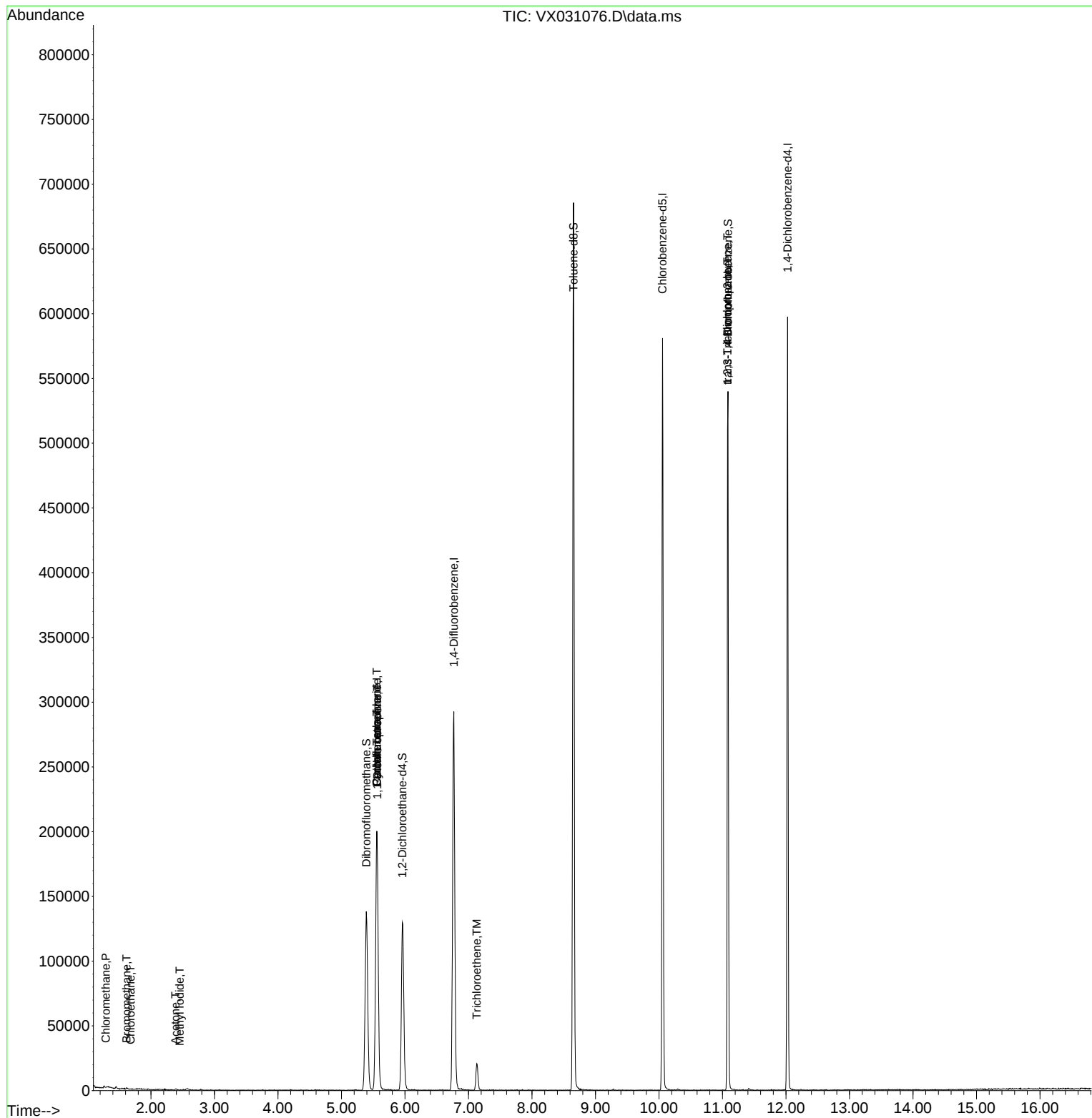
Internal Standards						
1) Pentafluorobenzene	5.556	168	202495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126895	48.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.400%
35) Dibromofluoromethane	5.391	113	123460	51.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	8.653	98	438825	49.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.085	95	150392	48.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	158	0.779	ug/l #	72
5) Bromomethane	1.618	94	227	0.233	ug/l #	56
6) Chloroethane	1.679	64	65	1.780	ug/l #	41
10) Methyl Iodide	2.453	142	95	2.947	ug/l #	69
11) Tert butyl alcohol	2.953	59	35	Below Cal	#	74
16) Acetone	2.386	43	993	0.987	ug/l	96
20) Methylene Chloride	2.788	84	367	Below Cal	#	64
31) Cyclohexane	5.556	56	3093	0.869	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13697	4.079	ug/l #	49
38) Carbon Tetrachloride	5.556	117	18921	5.428	ug/l #	16
44) Trichloroethene	7.129	130	9773	3.202	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	68205	21.640	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68205	68.010	ug/l #	12

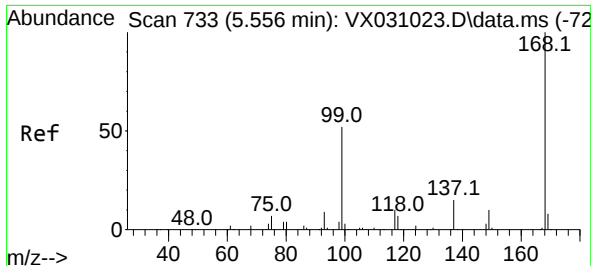
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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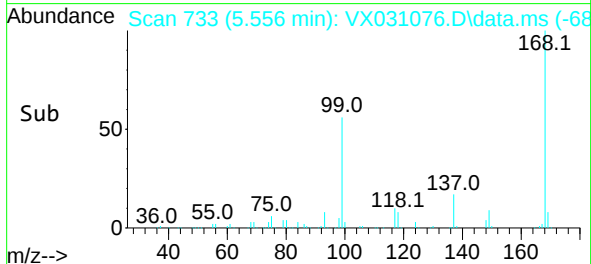
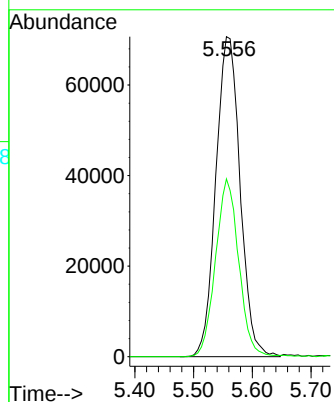
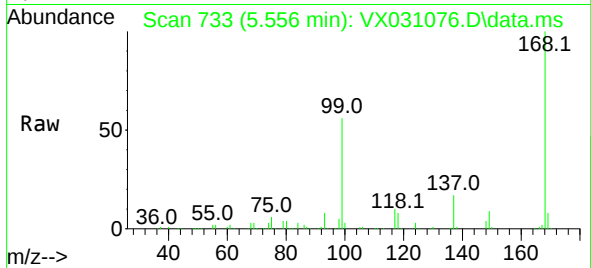




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

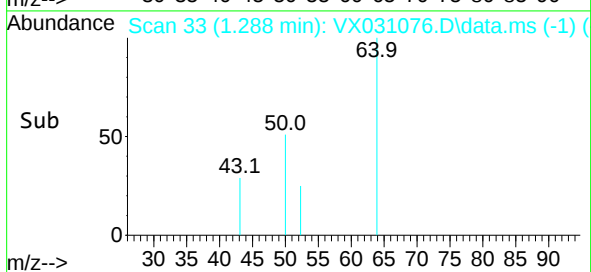
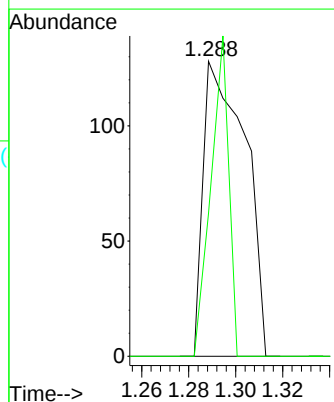
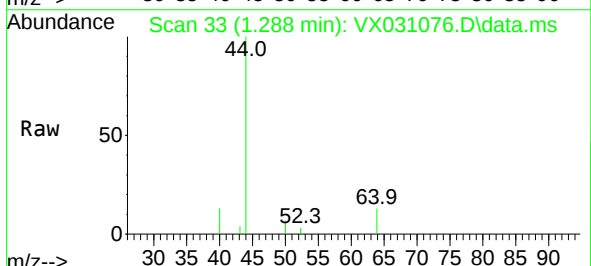
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20220822

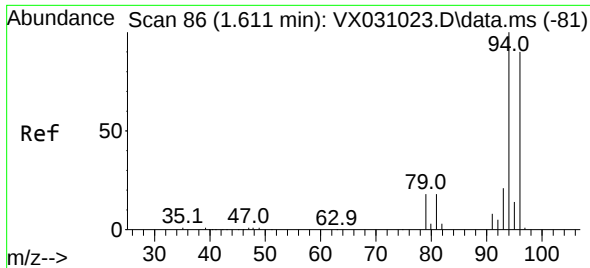
Tgt Ion:168 Resp: 202495
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#3
Chloromethane
Concen: 0.779 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Tgt Ion: 50 Resp: 158
Ion Ratio Lower Upper
50 100
52 48.4 26.3 39.5

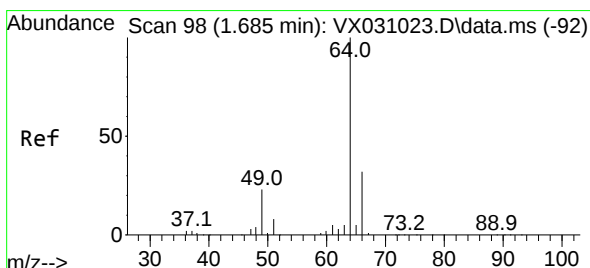
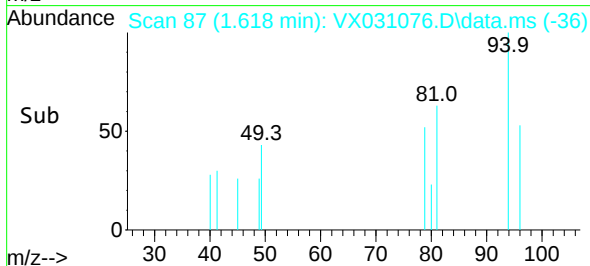
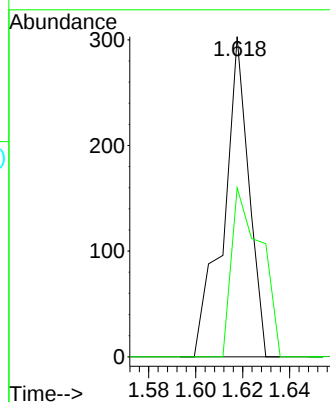
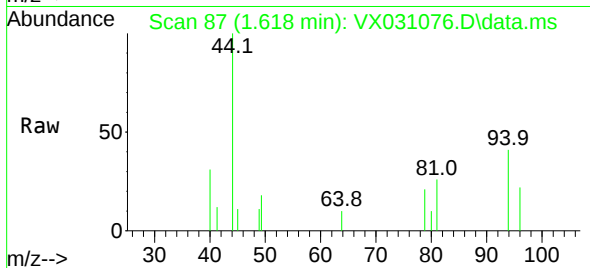




#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

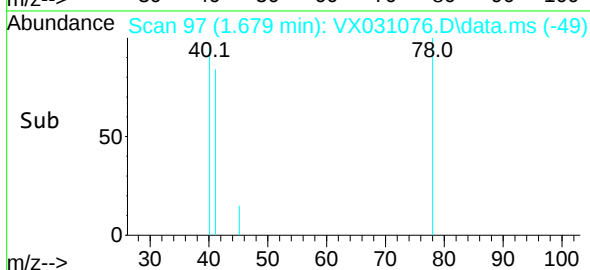
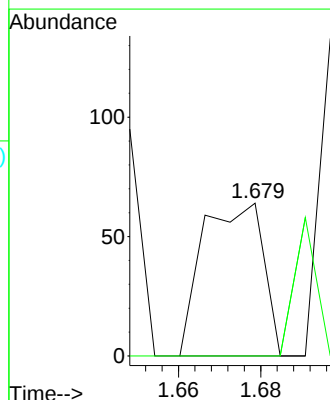
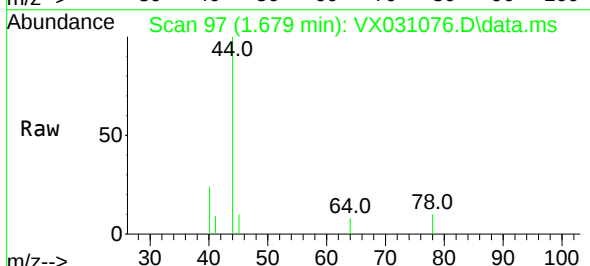
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20220822

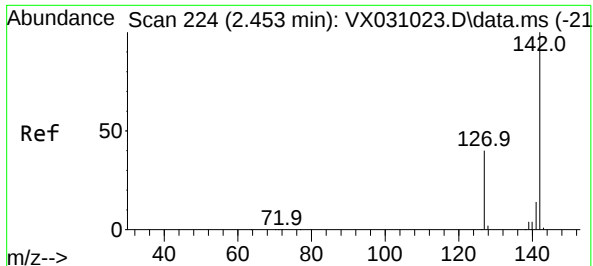
Tgt Ion: 94 Resp: 227
Ion Ratio Lower Upper
94 100
96 52.8 76.9 115.3#



#6
Chloroethane
Concen: 1.780 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

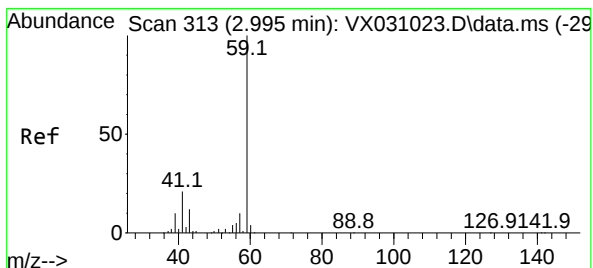
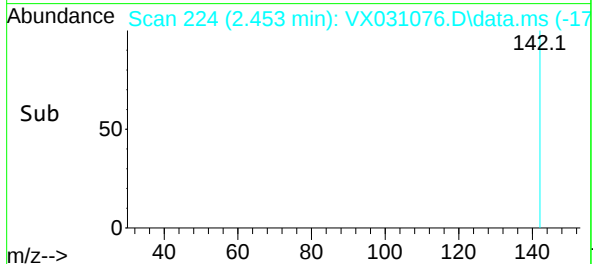
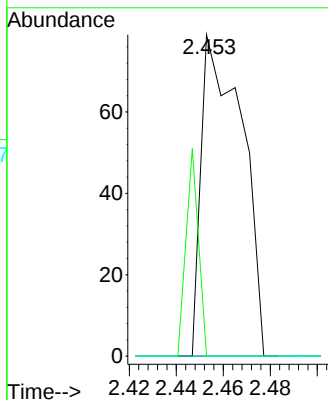
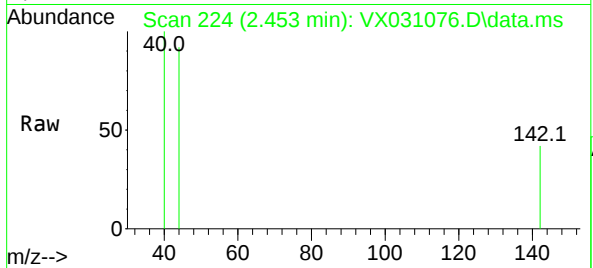




#10
Methyl Iodide
Concen: 2.947 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

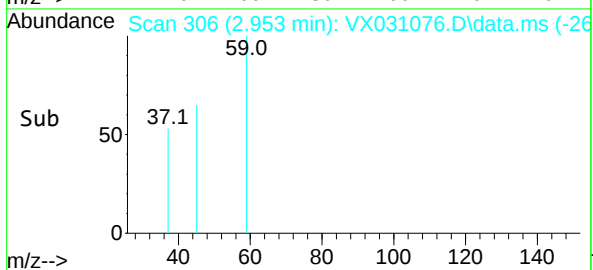
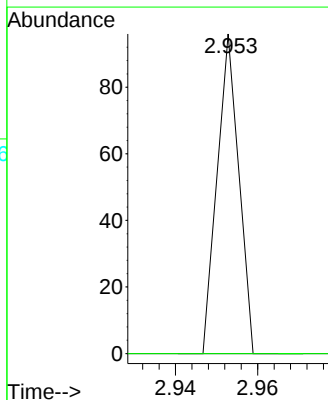
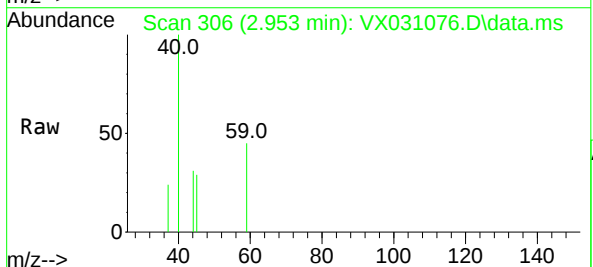
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20220822

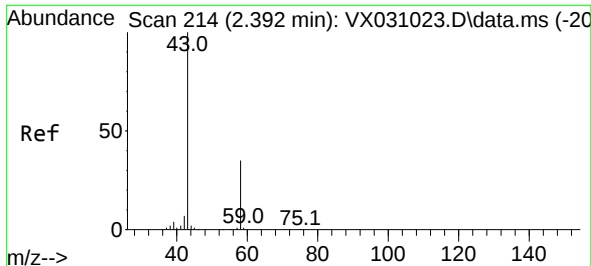
Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 20.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Tgt Ion: 59 Resp: 35
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

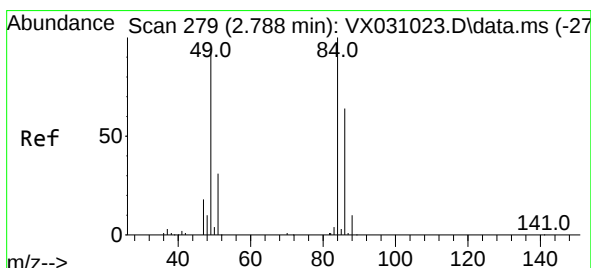
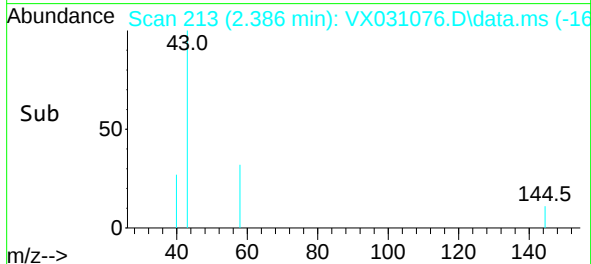
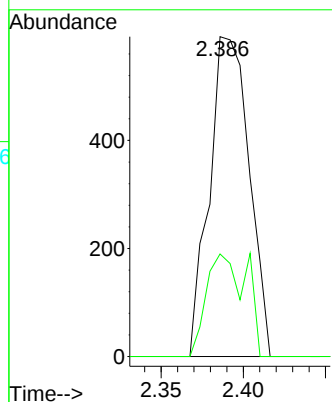
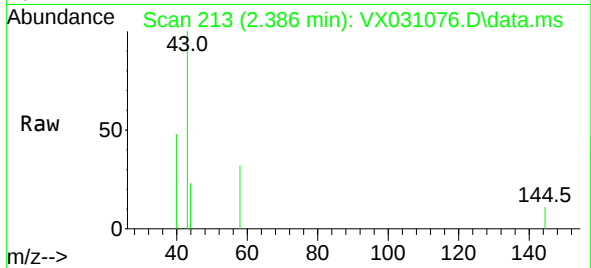




#16
Acetone
Concen: 0.987 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

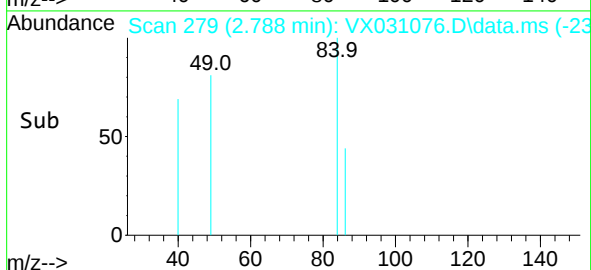
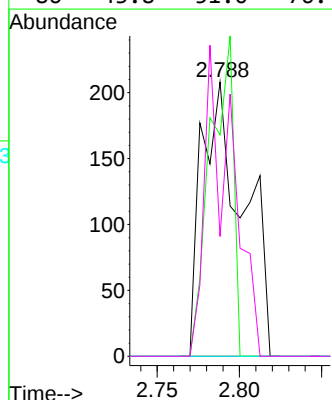
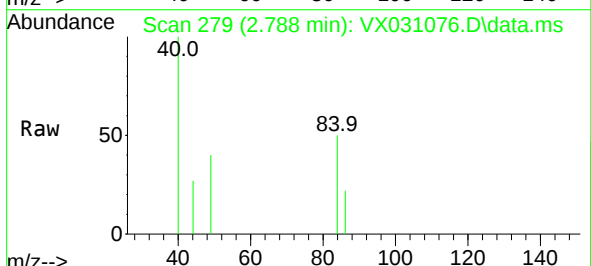
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20220822

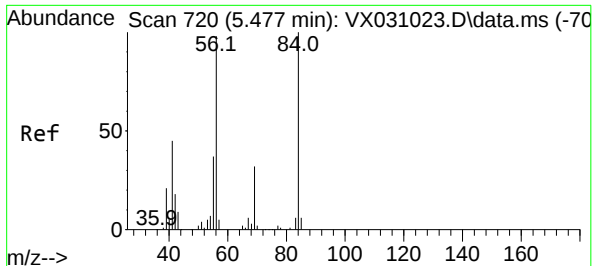
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 32.1 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

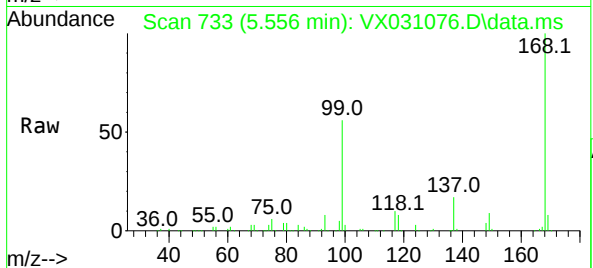
Tgt Ion: 84 Resp: 367
Ion Ratio Lower Upper
84 100
49 80.8 93.8 140.6#
51 0.0 29.4 44.0#
86 43.8 51.0 76.4#



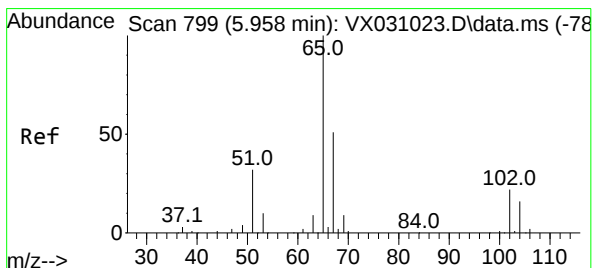
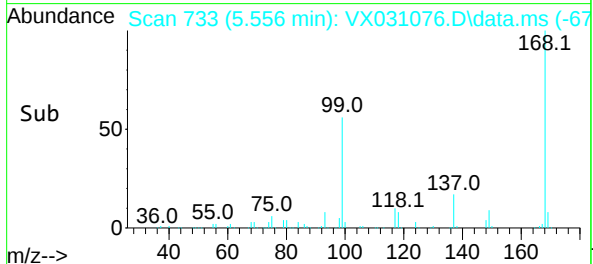
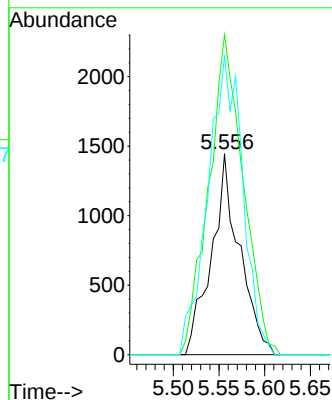


#31
Cyclohexane
Concen: 0.869 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20220822

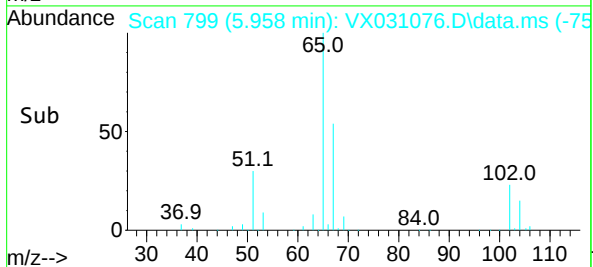
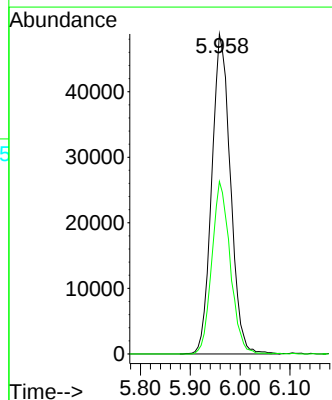
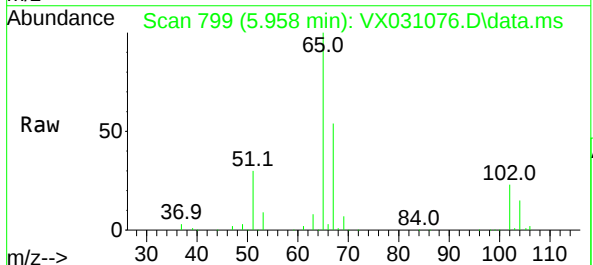


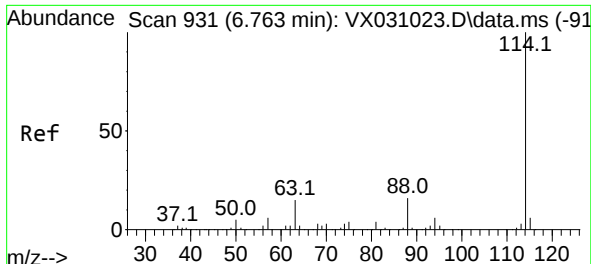
Tgt Ion: 56 Resp: 3093
Ion Ratio Lower Upper
56 100
69 159.2 25.4 38.0#
84 148.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.703 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Tgt Ion: 65 Resp: 126895
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: VX031076.D

Acq: 02 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-7-20220822

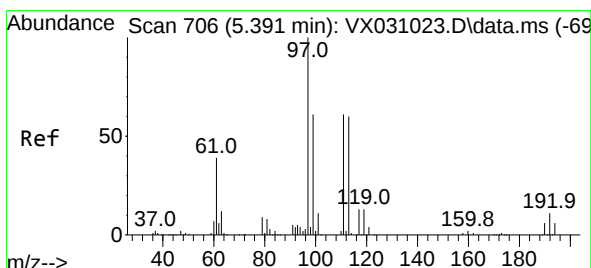
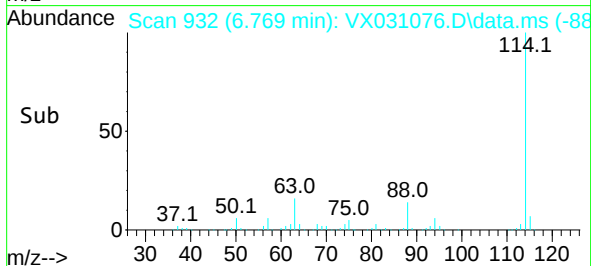
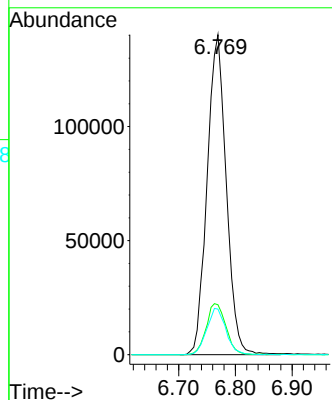
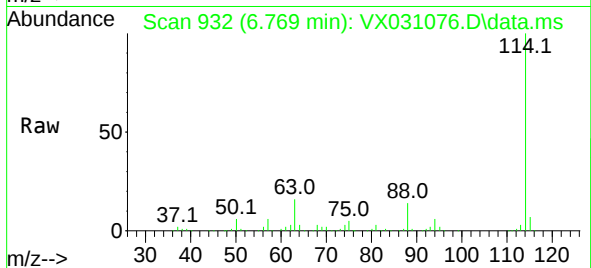
Tgt Ion:114 Resp: 328535

Ion Ratio Lower Upper

114 100

63 15.6 0.0 38.4

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.495 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031076.D

Acq: 02 Sep 2022 18:46

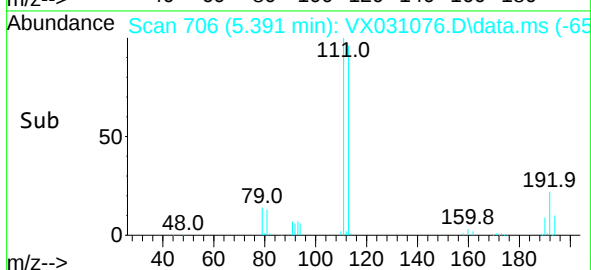
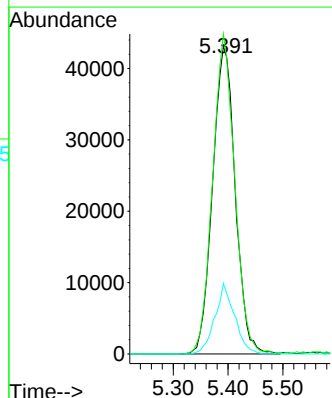
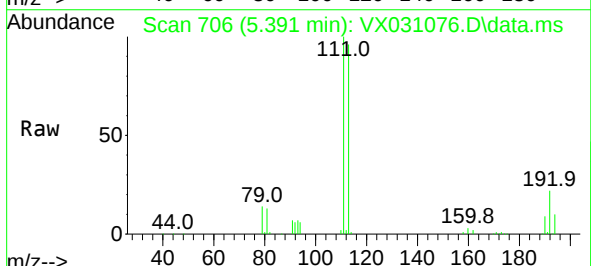
Tgt Ion:113 Resp: 123460

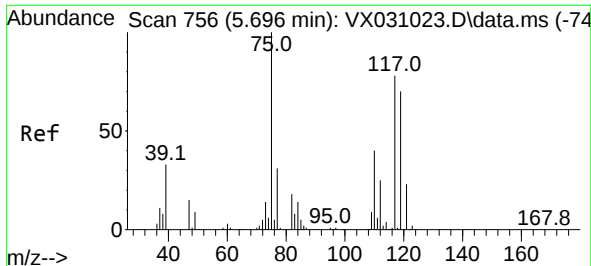
Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

192 20.0 14.8 22.2

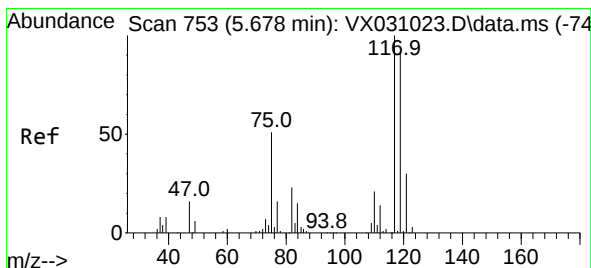
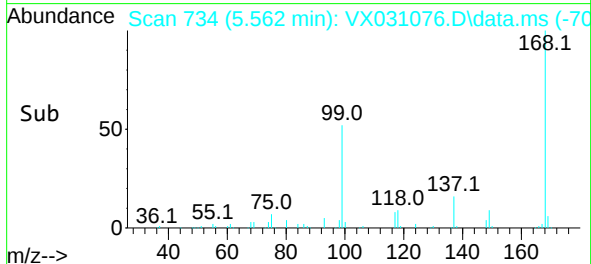
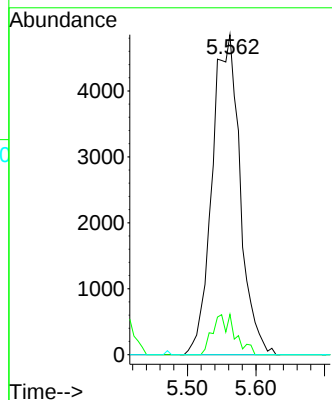
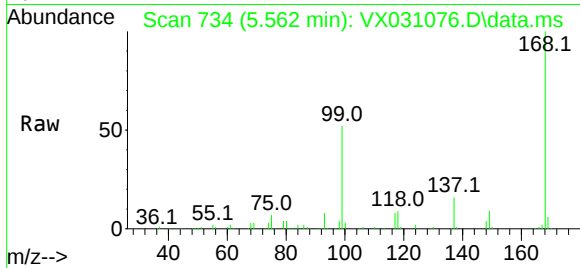




#36
1,1-Dichloropropene
Concen: 4.079 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

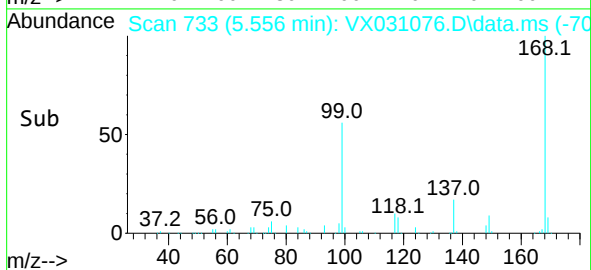
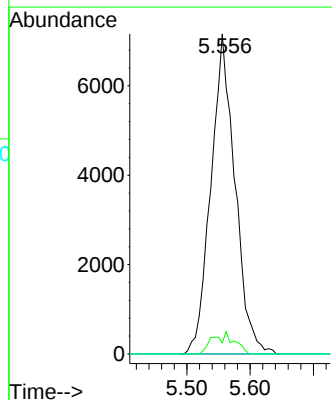
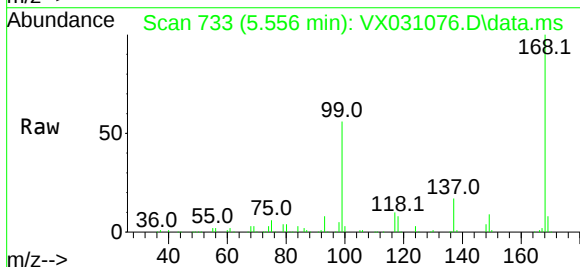
Instrument :
MSVOA_X
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BPOW1-7-20220822

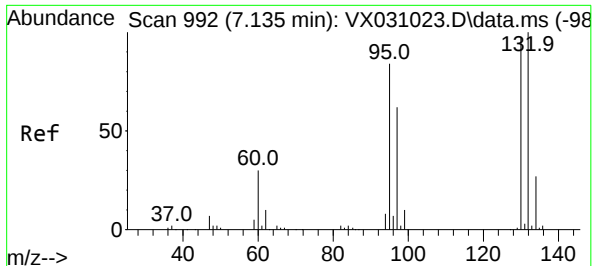
Tgt Ion: 75 Resp: 13697
Ion Ratio Lower Upper
75 100
110 10.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Tgt Ion: 117 Resp: 18921
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.8 38.8#

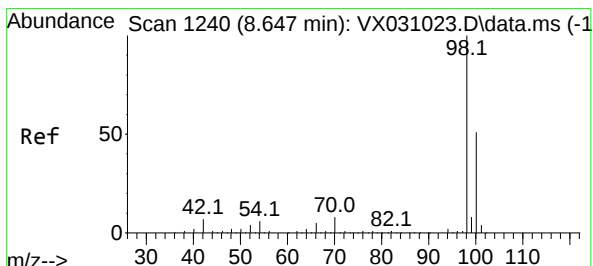
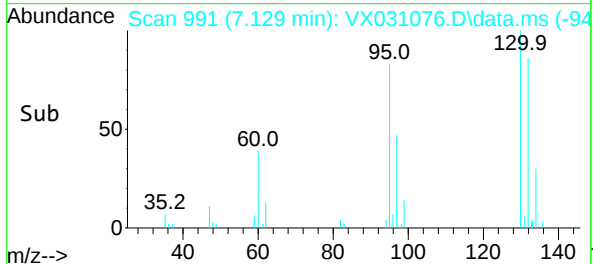
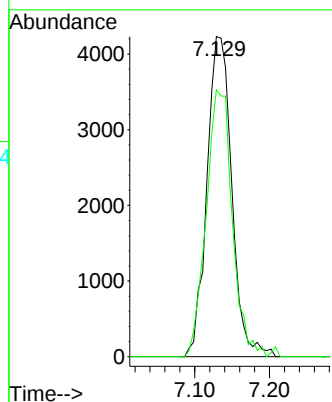
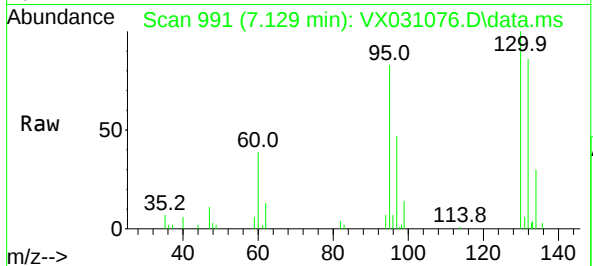




#44
Trichloroethene
Concen: 3.202 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

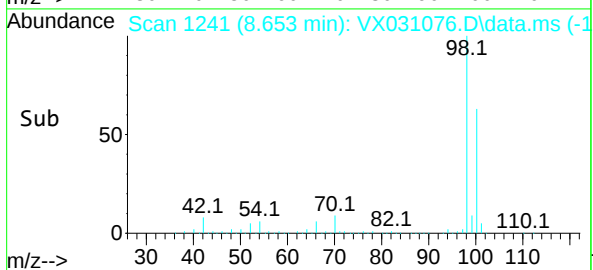
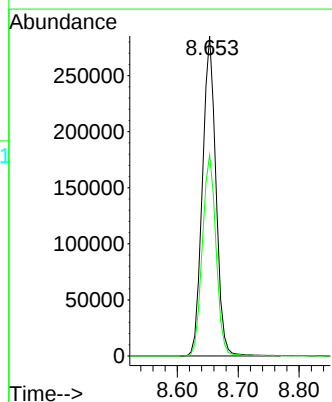
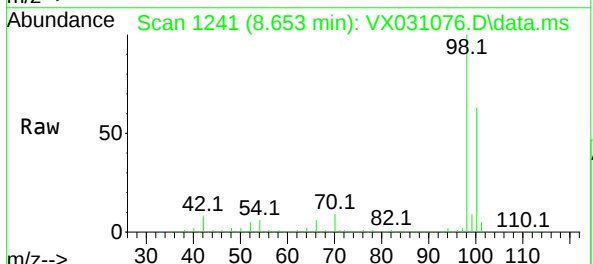
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20220822

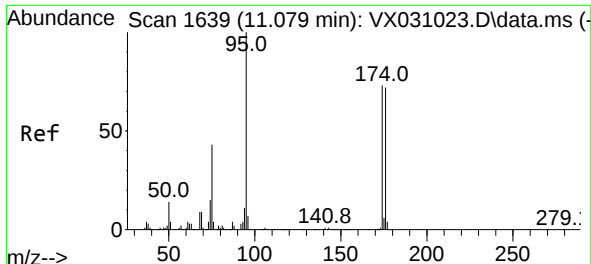
Tgt Ion:130 Resp: 9773
Ion Ratio Lower Upper
130 100
95 83.4 0.0 194.8



#50
Toluene-d8
Concen: 49.732 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Tgt Ion: 98 Resp: 438825
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5

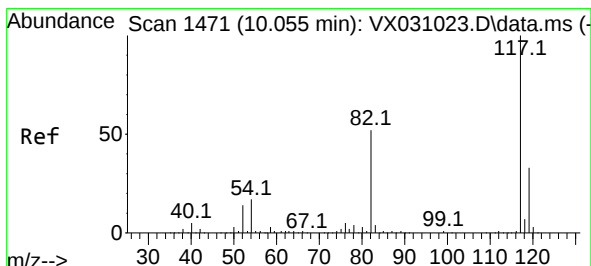
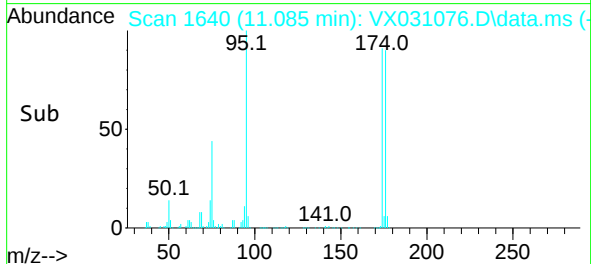
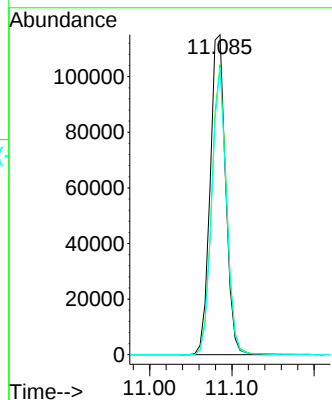
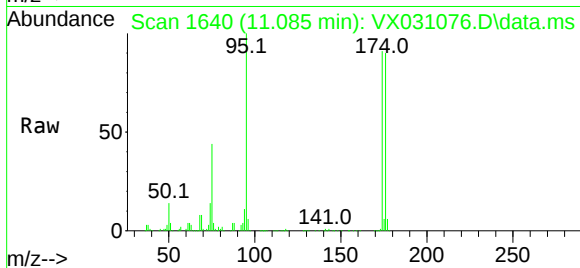




#62
4-Bromofluorobenzene
Concen: 48.256 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

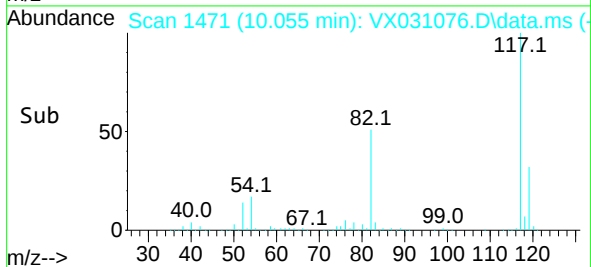
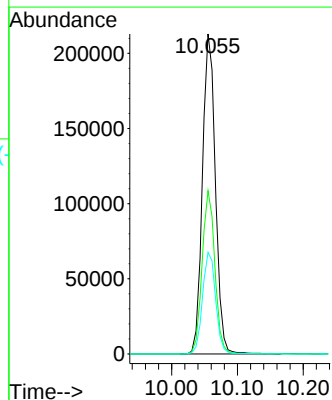
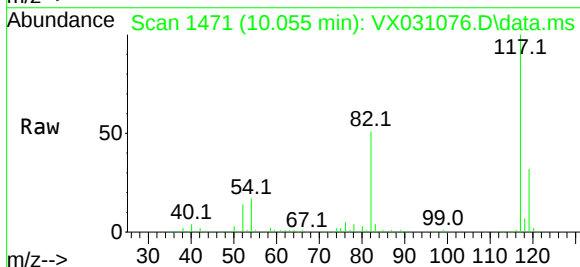
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20220822

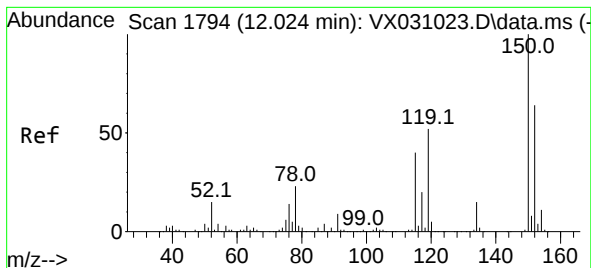
Tgt Ion: 95 Resp: 150392
Ion Ratio Lower Upper
95 100
174 87.2 0.0 149.0
176 84.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031076.D
Acq: 02 Sep 2022 18:46

Tgt Ion: 117 Resp: 292345
Ion Ratio Lower Upper
117 100
82 51.0 42.7 64.1
119 31.8 25.4 38.2

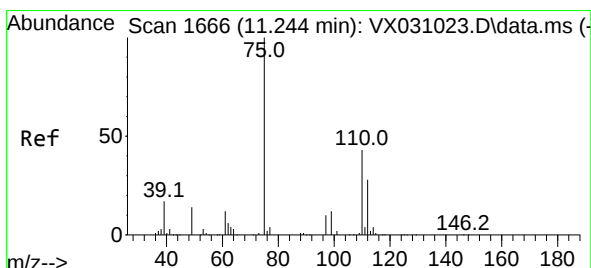
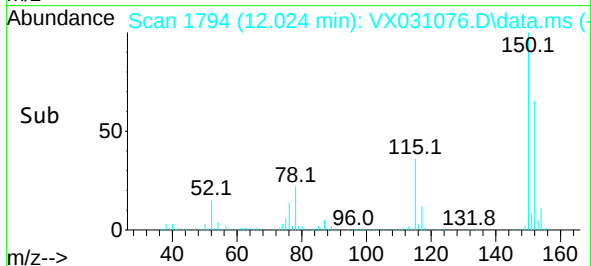
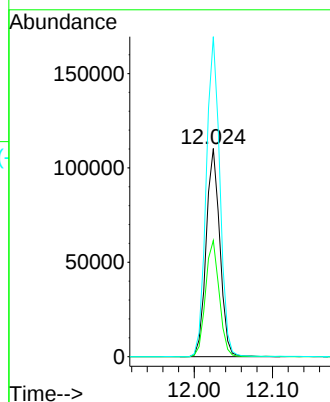
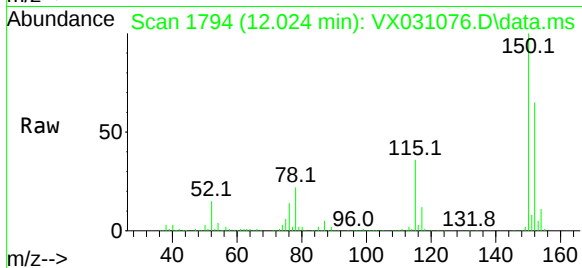




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031076.D
 Acq: 02 Sep 2022 18:46

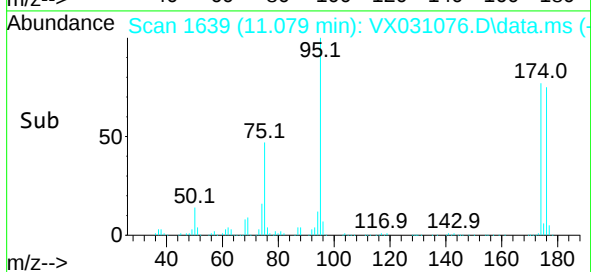
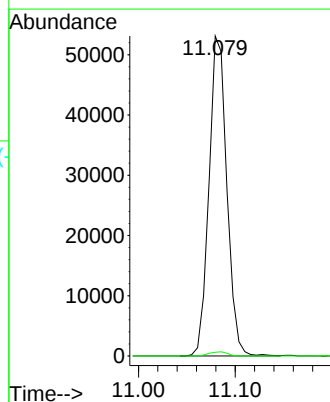
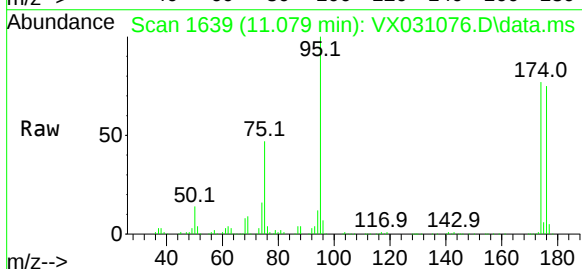
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20220822

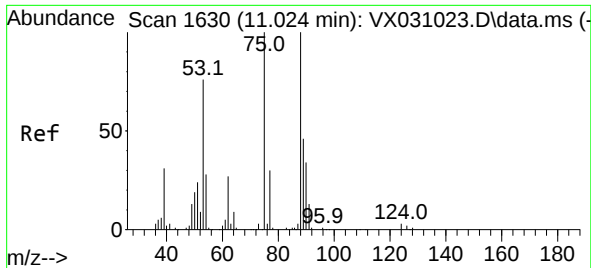
Tgt Ion:152 Resp: 133327
 Ion Ratio Lower Upper
 152 100
 115 56.0 40.5 121.5
 150 153.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.640 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031076.D
 Acq: 02 Sep 2022 18:46

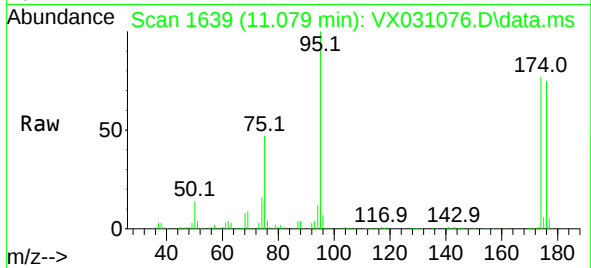
Tgt Ion: 75 Resp: 68205
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.010 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031076.D
 Acq: 02 Sep 2022 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20220822



Tgt Ion: 75 Resp: 68205
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

