

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031001.D
 Acq On : 01 Sep 2022 01:19
 Operator : JC/MD
 Sample : N4380-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Sep 06 02:28:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

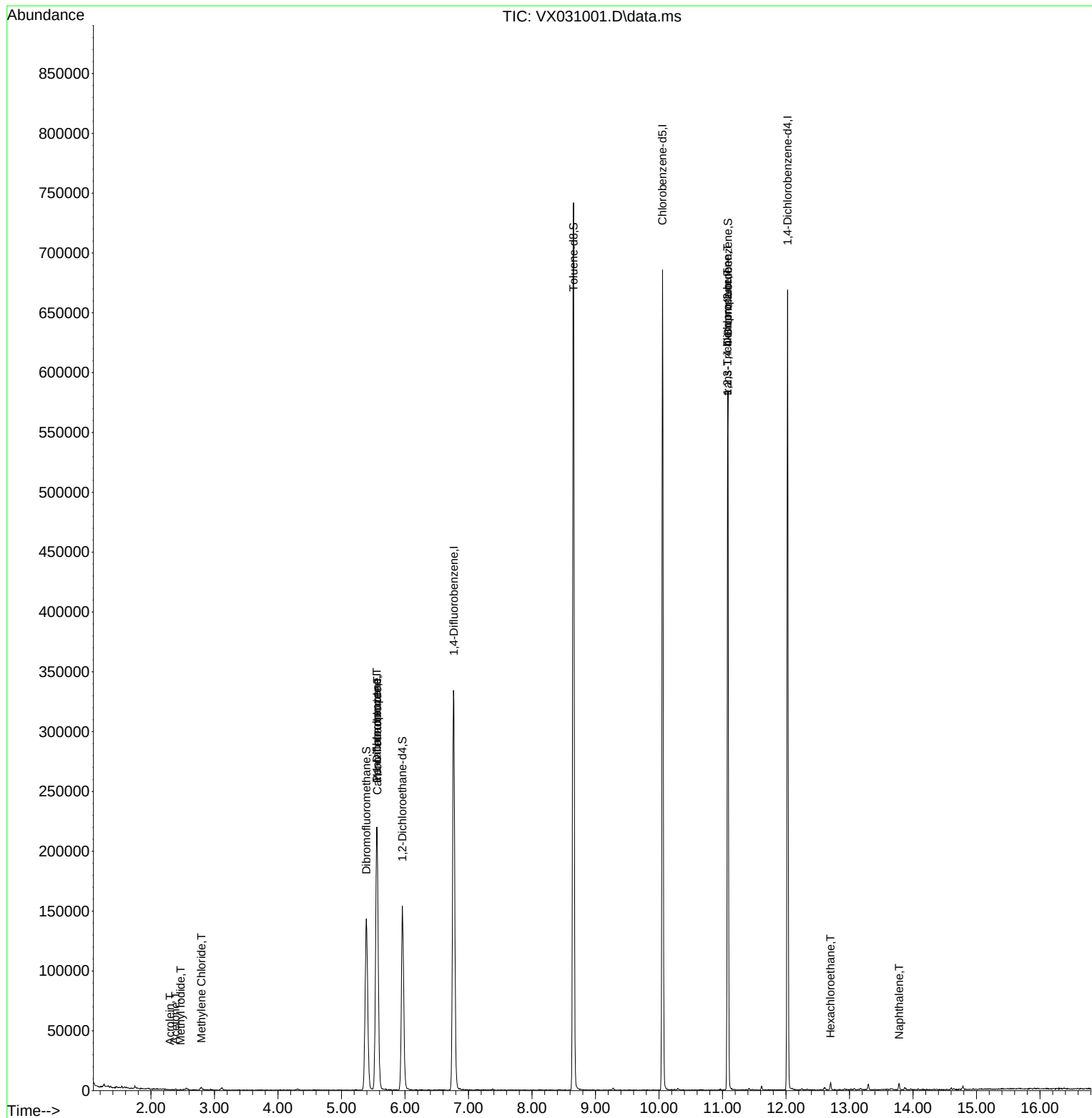
Internal Standards						
1) Pentafluorobenzene	5.556	168	216736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	365924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136335	43.857	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	5.391	113	128013	47.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.653	98	475340	47.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.086	95	162331	45.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	256	Below Cal	#	72
10) Methyl Iodide	2.465	142	397	4.523	ug/l #	77
13) Acrolein	2.301	56	19	7.323	ug/l #	14
16) Acetone	2.386	43	775	0.552	ug/l #	62
20) Methylene Chloride	2.794	84	888	0.278	ug/l #	75
36) 1,1-Dichloropropene	5.556	75	15804	3.942	ug/l #	48
38) Carbon Tetrachloride	5.562	117	22259	5.832	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	76293	21.476	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	76293	63.851	ug/l #	12
90) Hexachloroethane	12.701	117	2743	1.537	ug/l #	16
95) Naphthalene	13.780	128	3600	0.285	ug/l	97

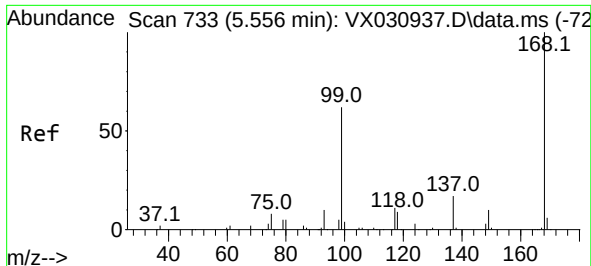
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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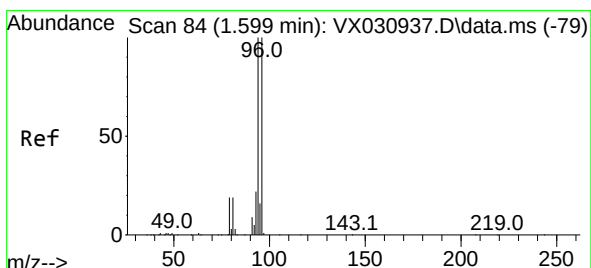
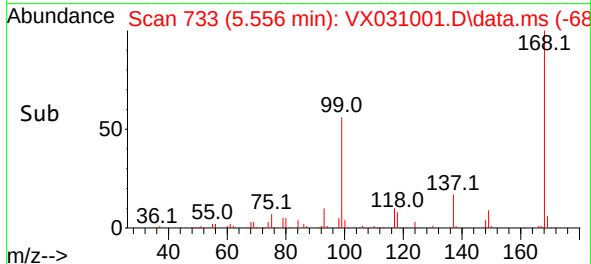
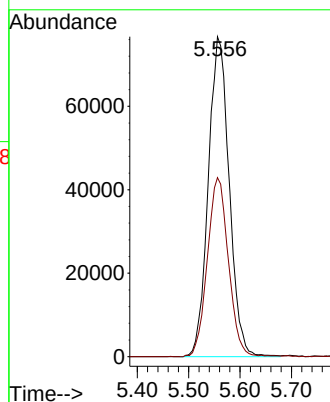
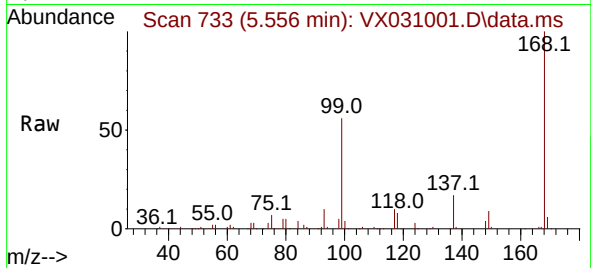




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

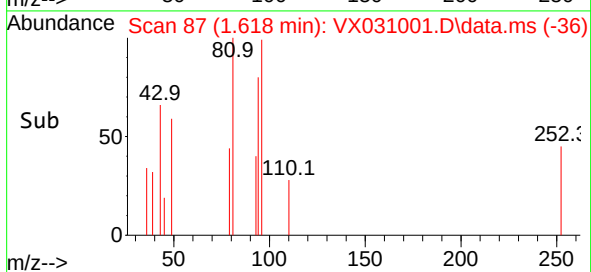
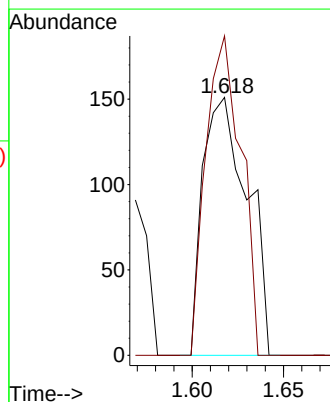
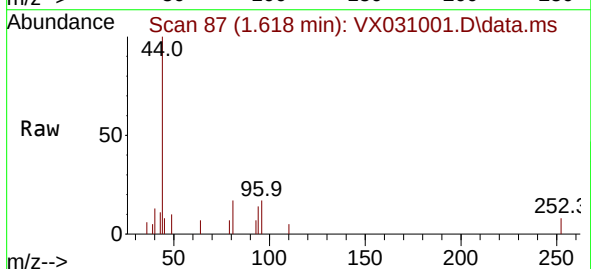
Instrument :
MSVOA_X
ClientSampleId :
MW-13

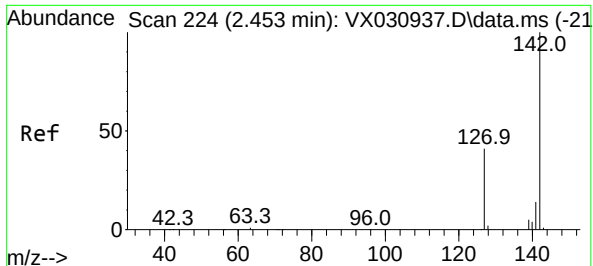
Tgt Ion:168 Resp: 216736
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 123.8 76.9 115.3#

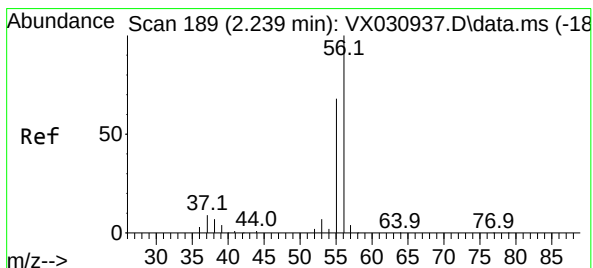
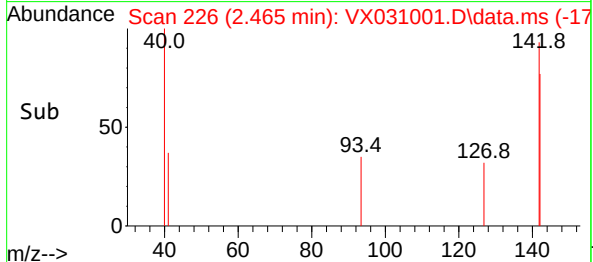
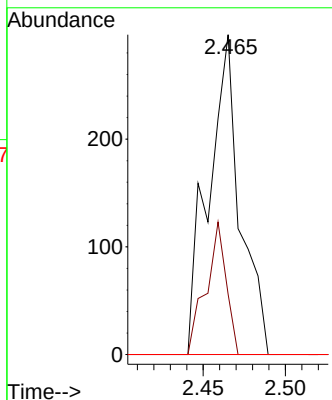
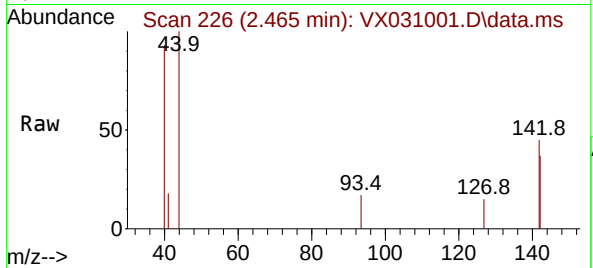




#10
Methyl Iodide
Concen: 4.523 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

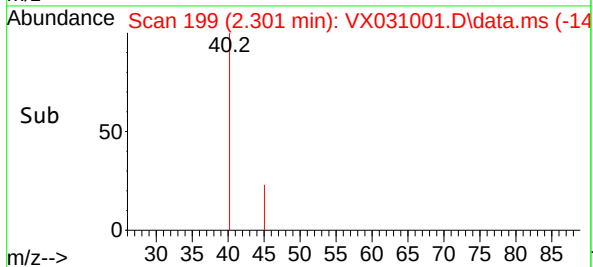
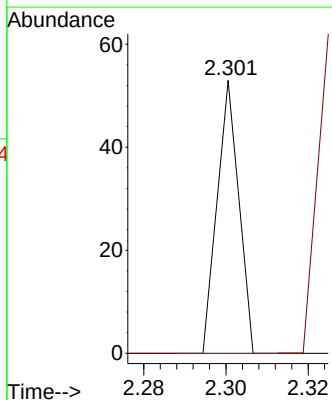
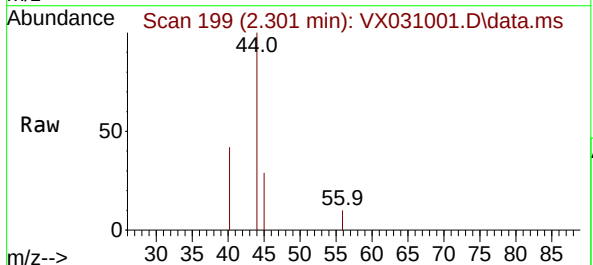
Instrument :
MSVOA_X
ClientSampleId :
MW-13

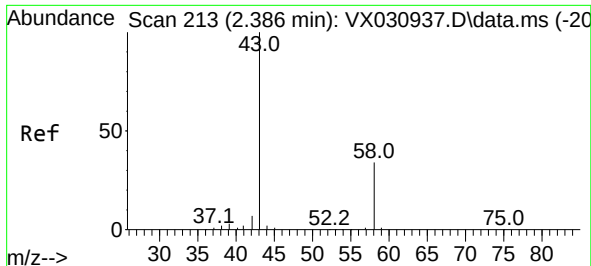
Tgt Ion:142 Resp: 397
Ion Ratio Lower Upper
142 100
127 26.4 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 7.323 ug/l
RT: 2.301 min Scan# 199
Delta R.T. 0.062 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

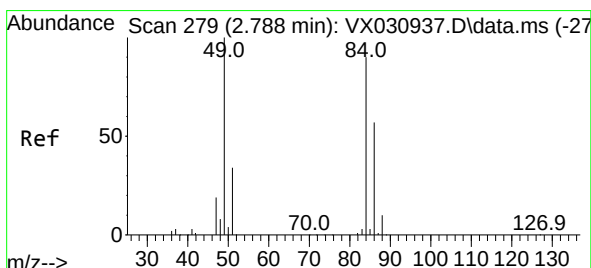
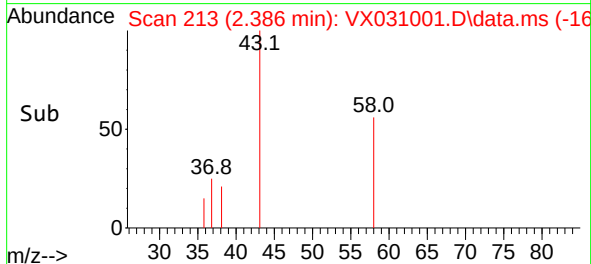
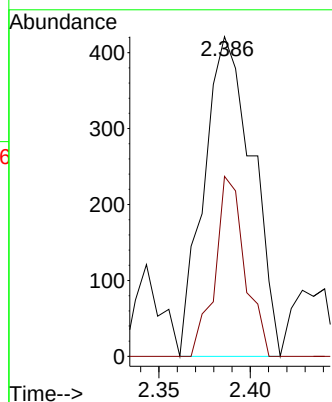
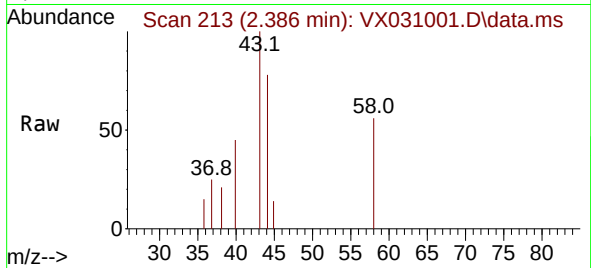




#16
Acetone
Concen: 0.552 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

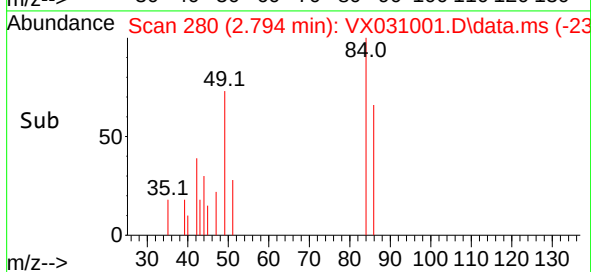
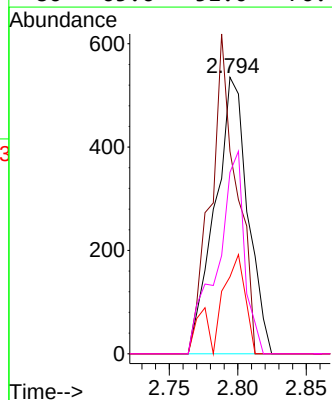
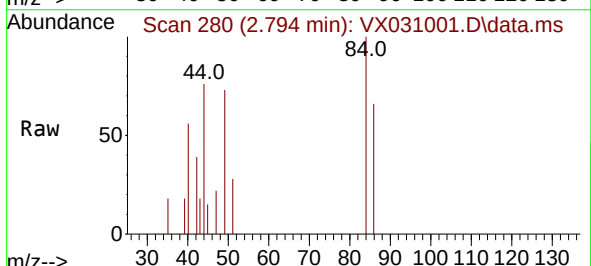
Instrument :
MSVOA_X
ClientSampleId :
MW-13

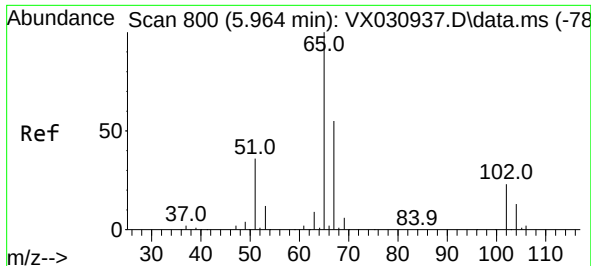
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 56.3 27.7 41.5#



#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Tgt Ion: 84 Resp: 888
Ion Ratio Lower Upper
84 100
49 73.3 93.8 140.6#
51 27.9 29.4 44.0#
86 65.6 51.0 76.4

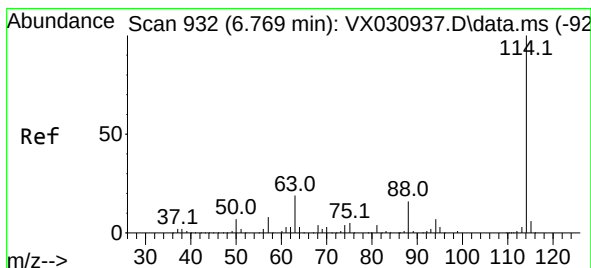
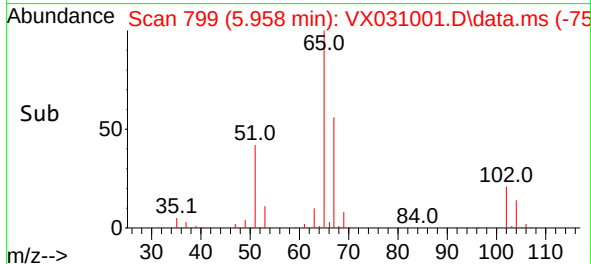
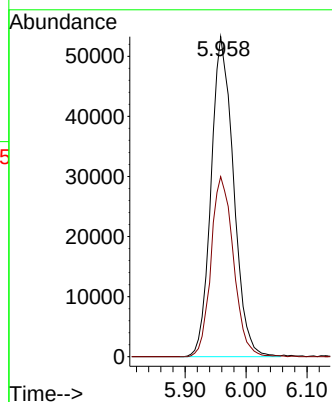
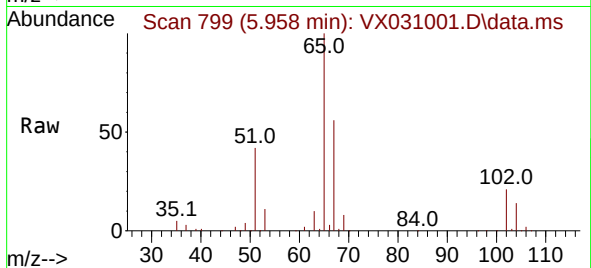




#33
 1,2-Dichloroethane-d4
 Concen: 43.857 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031001.D
 Acq: 01 Sep 2022 01:19

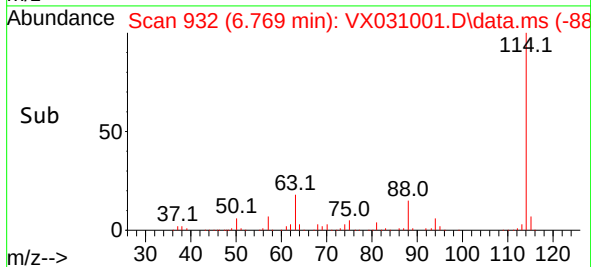
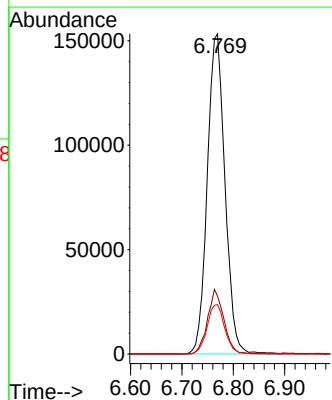
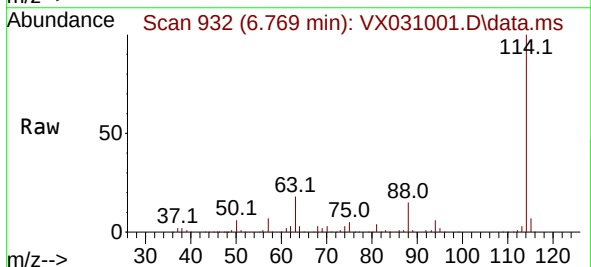
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

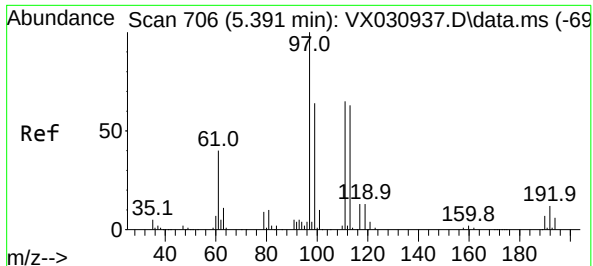
Tgt Ion: 65 Resp: 136335
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX031001.D
 Acq: 01 Sep 2022 01:19

Tgt Ion: 114 Resp: 365924
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.458 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031001.D

Acq: 01 Sep 2022 01:19

Instrument :

MSVOA_X

ClientSampleId :

MW-13

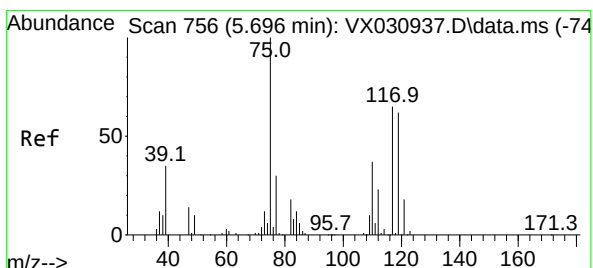
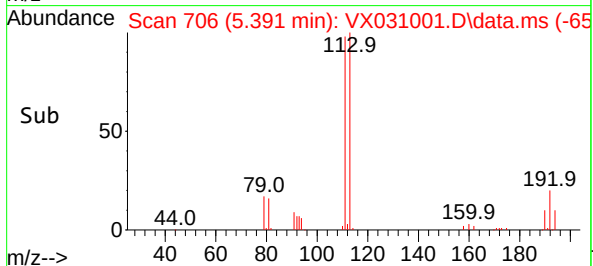
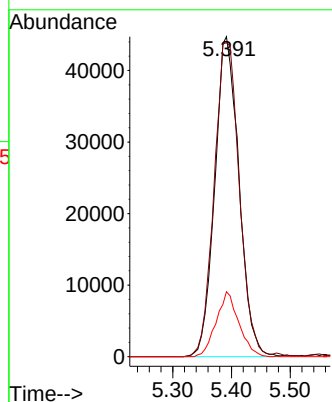
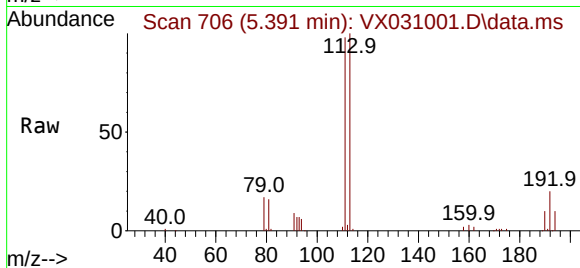
Tgt Ion:113 Resp: 128013

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 19.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.942 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031001.D

Acq: 01 Sep 2022 01:19

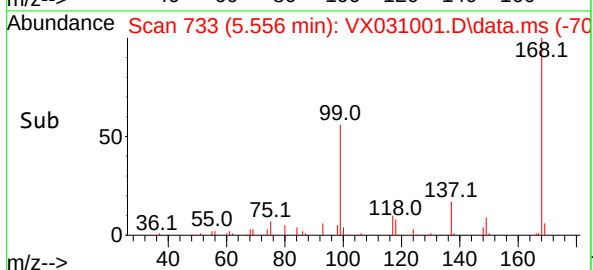
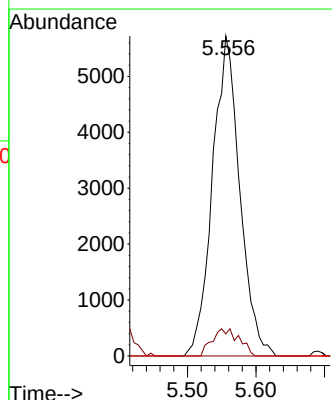
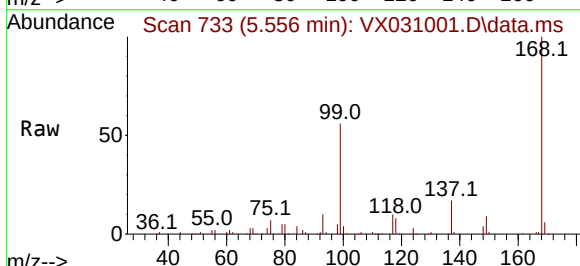
Tgt Ion: 75 Resp: 15804

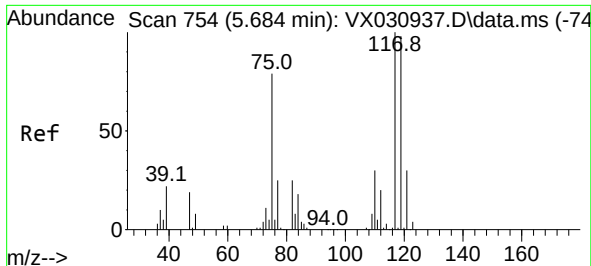
Ion Ratio Lower Upper

75 100

110 8.4 19.3 57.9#

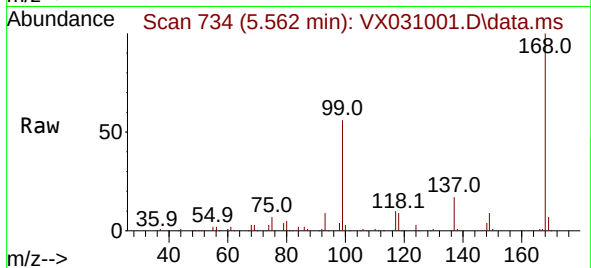
77 0.0 24.4 36.6#



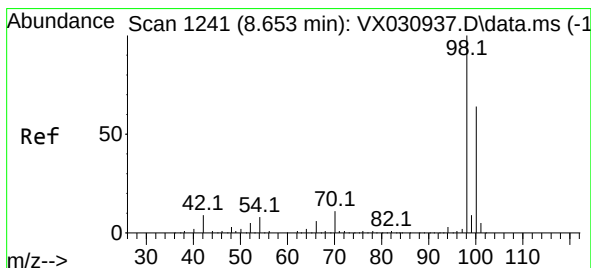
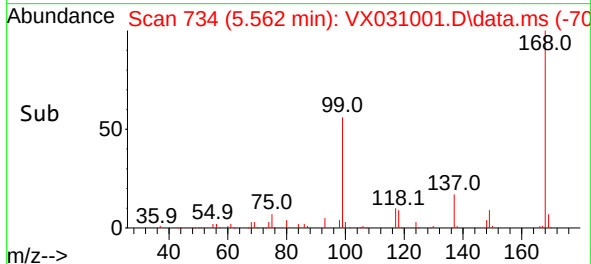
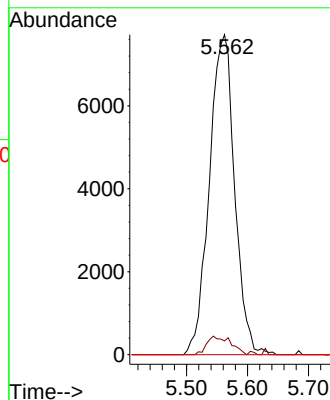


#38
Carbon Tetrachloride
Concen: 5.832 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Instrument :
MSVOA_X
ClientSampleId :
MW-13

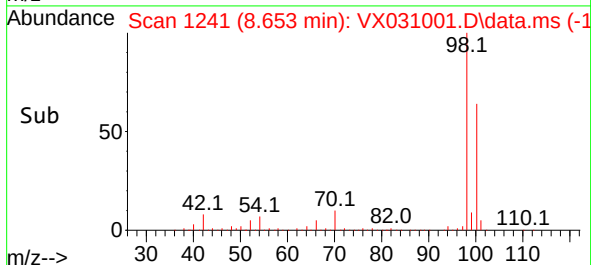
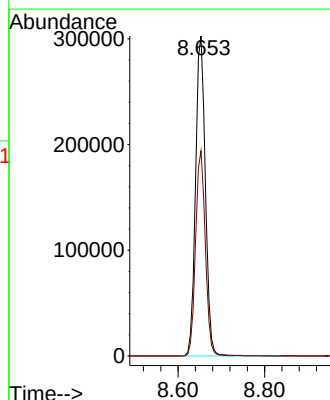
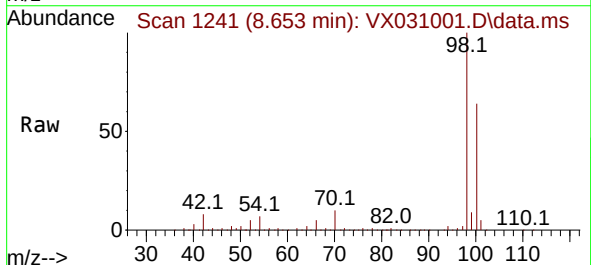


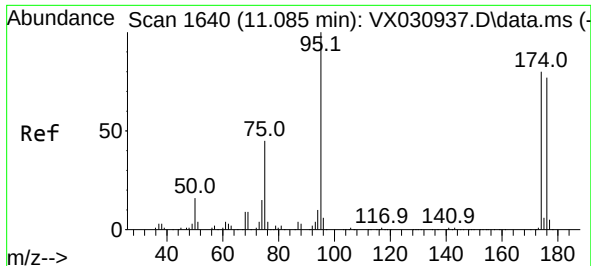
Tgt Ion:117 Resp: 22259
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 47.584 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Tgt Ion: 98 Resp: 475340
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

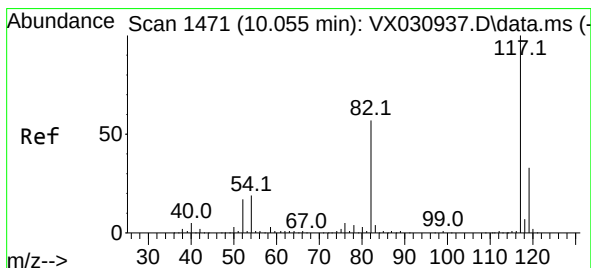
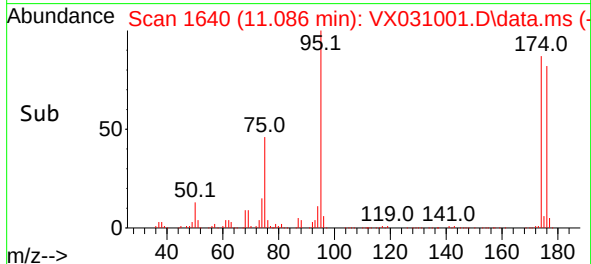
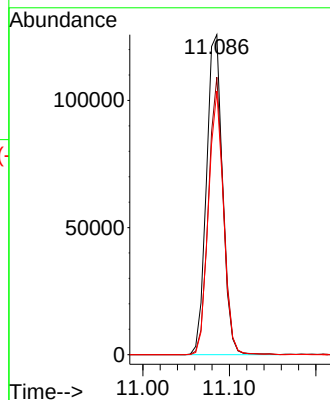
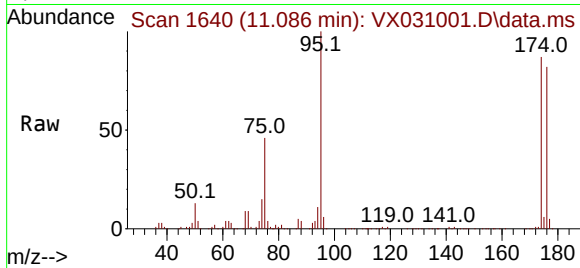




#62
4-Bromofluorobenzene
Concen: 45.633 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

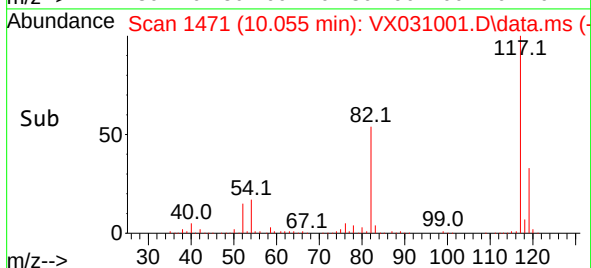
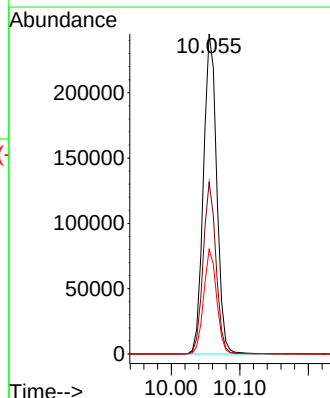
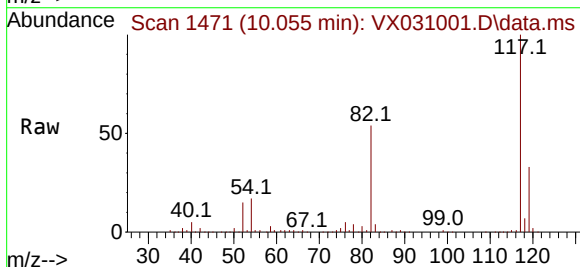
Instrument :
MSVOA_X
ClientSampleId :
MW-13

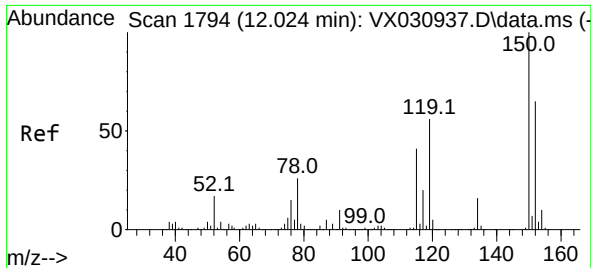
Tgt Ion: 95 Resp: 162331
Ion Ratio Lower Upper
95 100
174 81.2 0.0 149.0
176 77.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Tgt Ion: 117 Resp: 331801
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 32.7 25.4 38.2

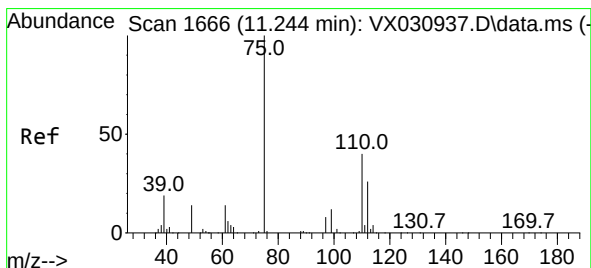
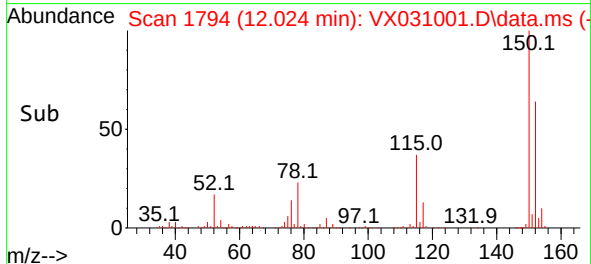
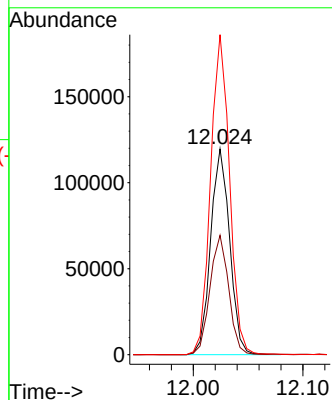
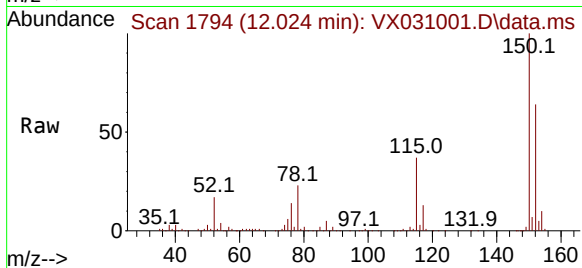




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031001.D
 Acq: 01 Sep 2022 01:19

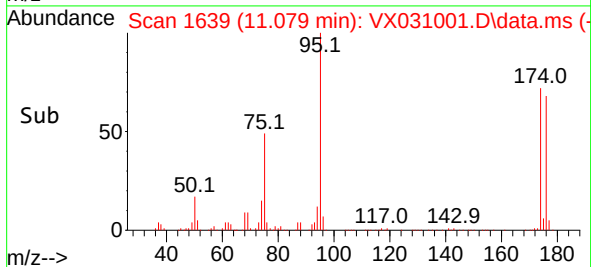
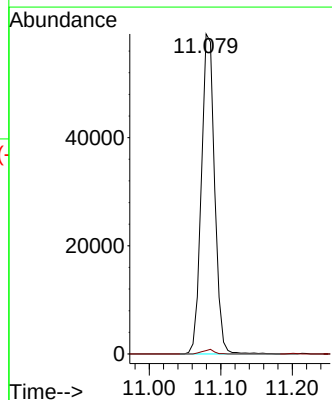
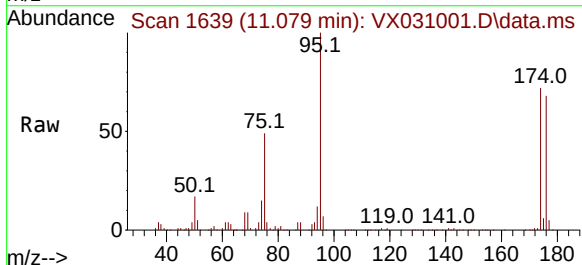
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

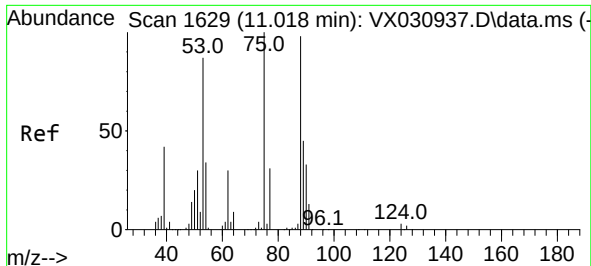
Tgt Ion:152 Resp: 144299
 Ion Ratio Lower Upper
 152 100
 115 57.1 40.5 121.5
 150 155.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.476 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031001.D
 Acq: 01 Sep 2022 01:19

Tgt Ion: 75 Resp: 76293
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#

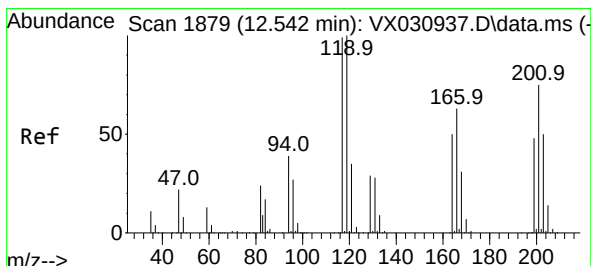
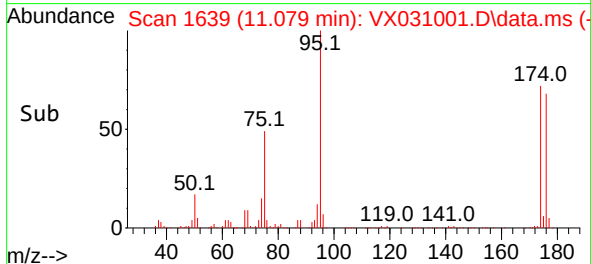
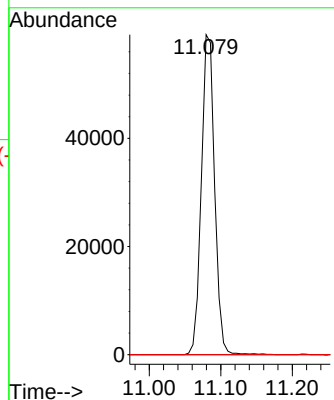
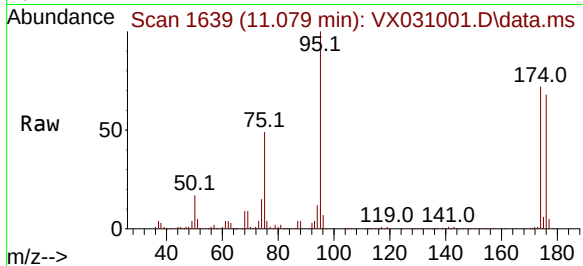




#81
trans-1,4-Dichloro-2-butene
Concen: 63.851 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

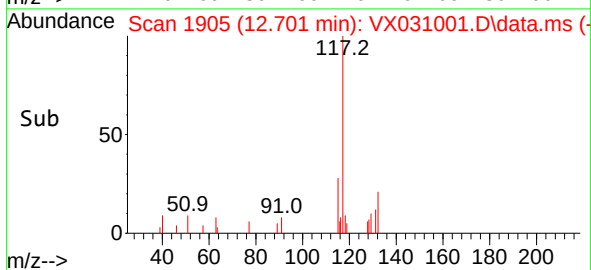
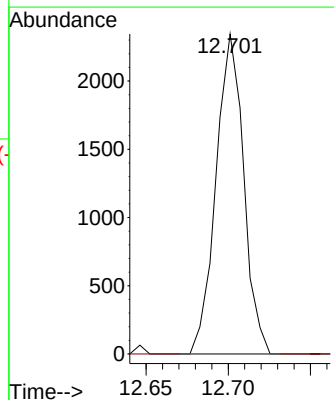
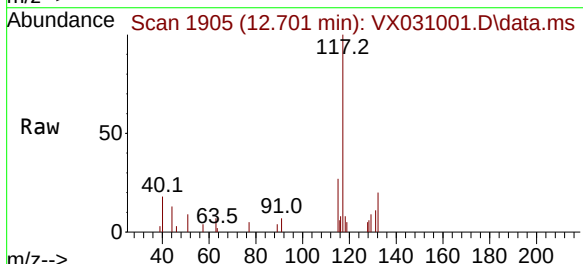
Instrument :
MSVOA_X
ClientSampleId :
MW-13

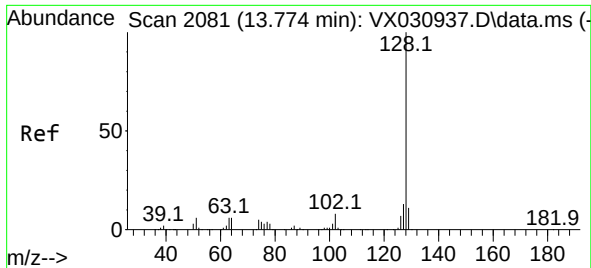
Tgt Ion: 75 Resp: 76293
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#90
Hexachloroethane
Concen: 1.537 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Tgt Ion: 117 Resp: 2743
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#





#95
Naphthalene
Concen: 0.285 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031001.D
Acq: 01 Sep 2022 01:19

Instrument :
MSVOA_X
ClientSampleId :
MW-13

Tgt Ion:	128	Resp:	3600
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	8.8	8.6	13.0

