

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034893.D
 Acq On : 01 Apr 2023 01:32
 Operator : JC/MD
 Sample : VX0331WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBL03

Quant Time: Apr 03 02:08:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	222818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	383622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161325	47.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.680%
35) Dibromofluoromethane	5.385	113	118896	46.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.720%
50) Toluene-d8	8.647	98	464033	49.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	171937	47.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.880%

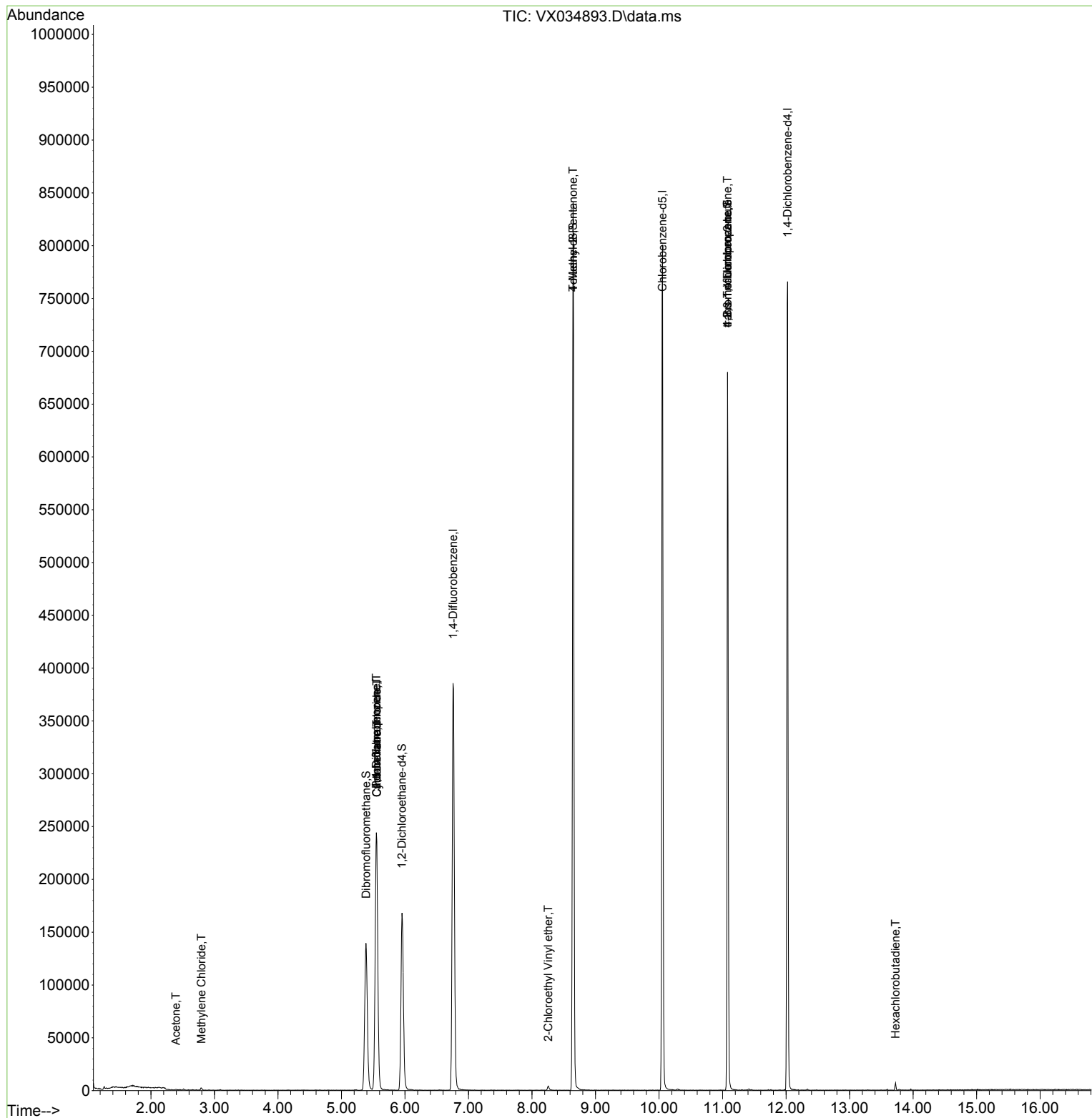
Target Compounds					Qvalue	
16) Acetone	2.392	43	508	0.367	ug/l	# 44
20) Methylene Chloride	2.794	84	892	0.327	ug/l	# 76
31) Cyclohexane	5.556	56	5992	1.444	ug/l	# 39
36) 1,1-Dichloropropene	5.550	75	19896	5.293	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	24091	6.797	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	2507	0.644	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.257	63	2064	0.972	ug/l	# 89
76) 1,2,3-Trichloropropane	11.079	75	92808	29.911	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	92808	89.640	ug/l	# 8
94) Hexachlorobutadiene	13.725	225	906	0.714	ug/l	95

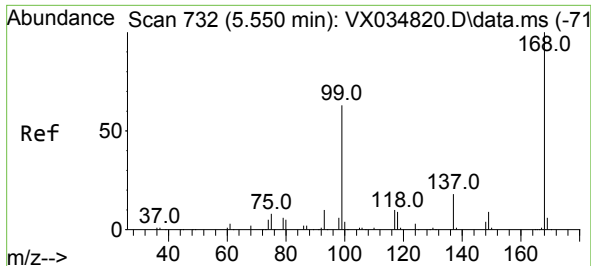
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

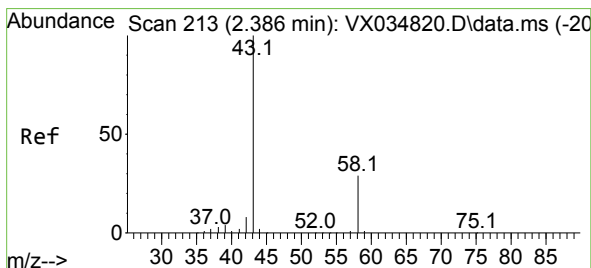
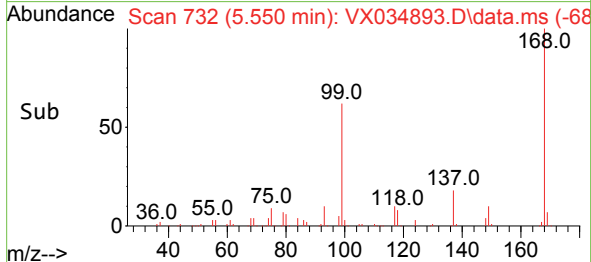
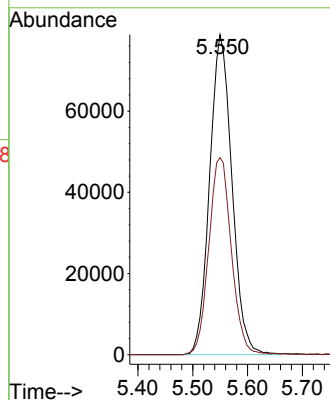
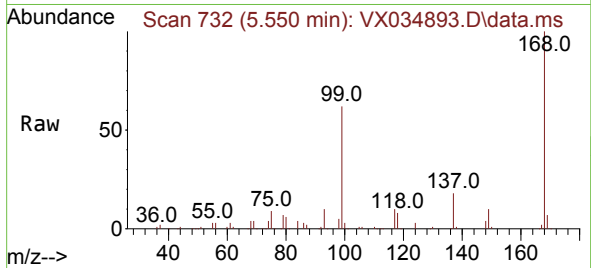




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

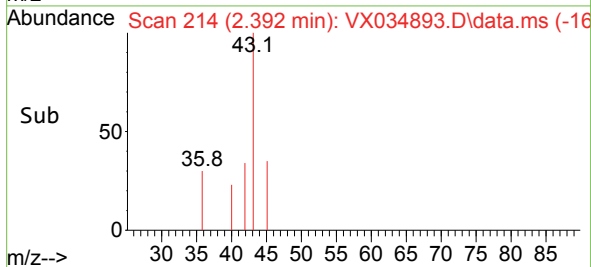
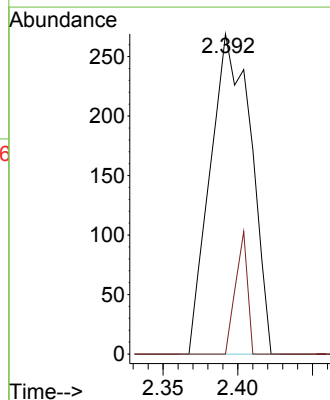
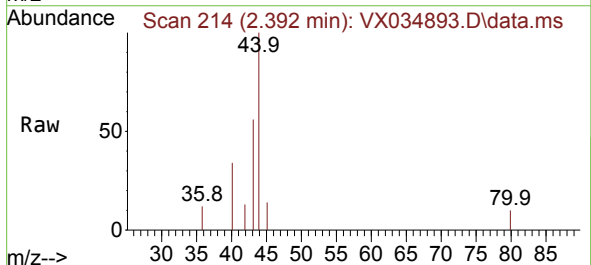
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL03

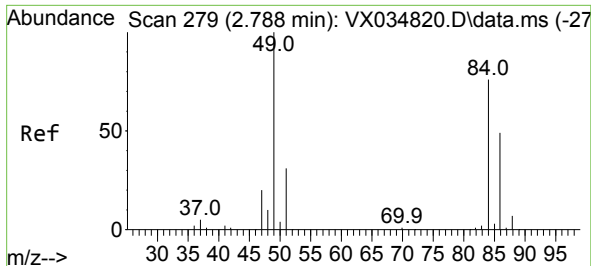
Tgt Ion:168 Resp: 222818
Ion Ratio Lower Upper
168 100
99 61.6 45.7 68.5



#16
Acetone
Concen: 0.367 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#

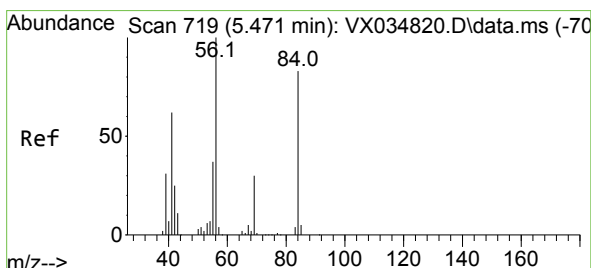
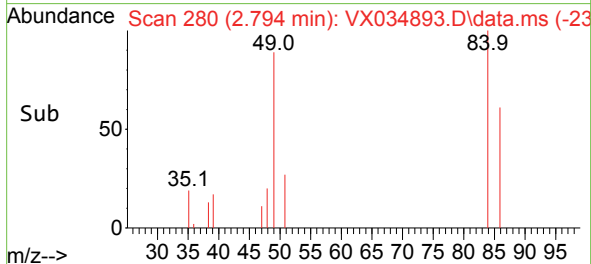
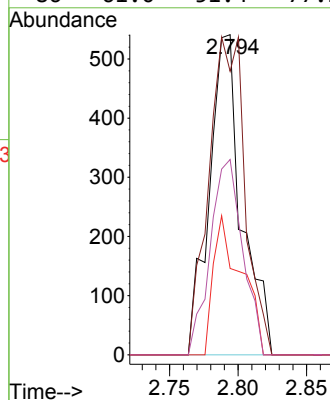
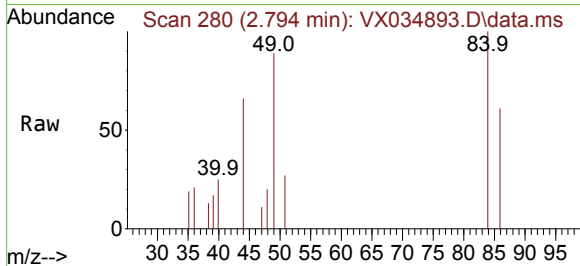




#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

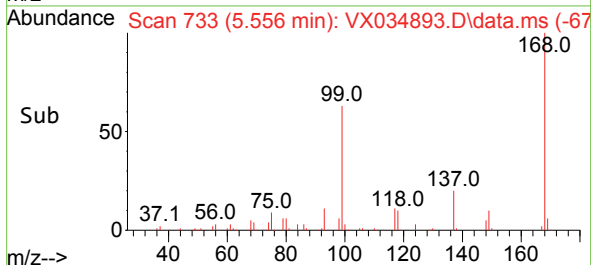
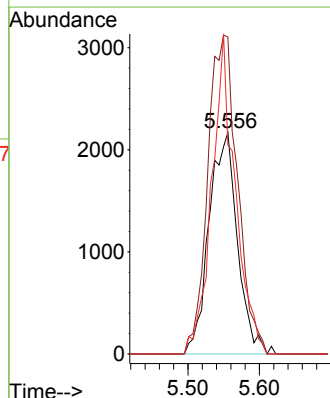
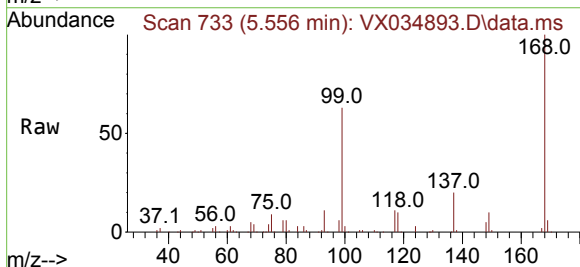
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL03

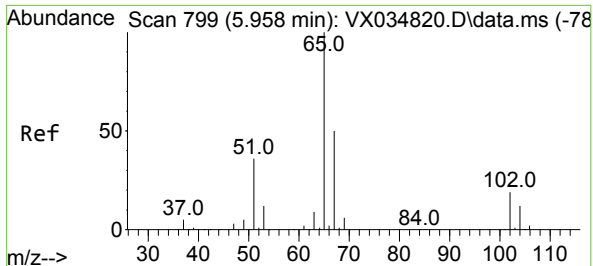
Tgt Ion: 84	Resp:	892	
Ion	Ratio	Lower	Upper
84	100		
49	88.5	103.8	155.8#
51	27.0	31.8	47.8#
86	61.0	51.4	77.2



#31
Cyclohexane
Concen: 1.444 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

Tgt Ion: 56	Resp:	5992	
Ion	Ratio	Lower	Upper
56	100		
69	143.1	23.7	35.5#
84	94.3	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 47.342 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034893.D

Acq: 01 Apr 2023 01:32

Instrument :

MSVOA_X

ClientSampleId :

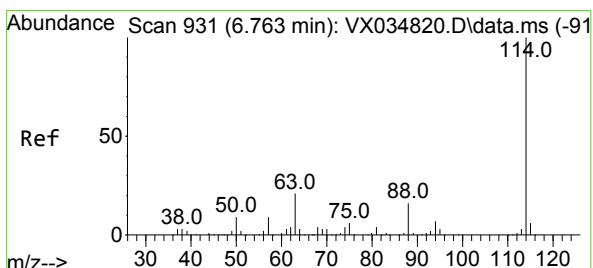
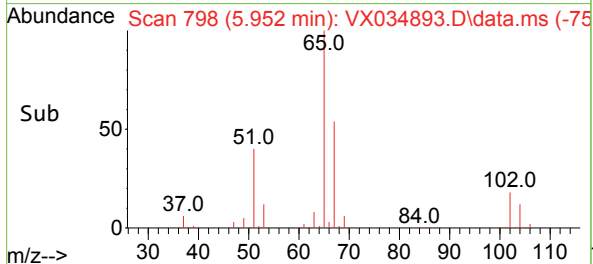
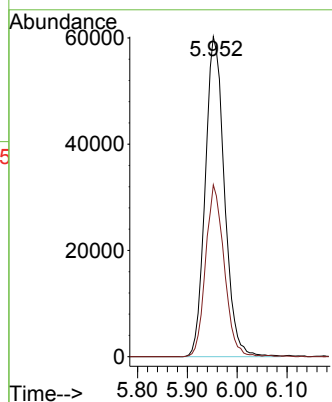
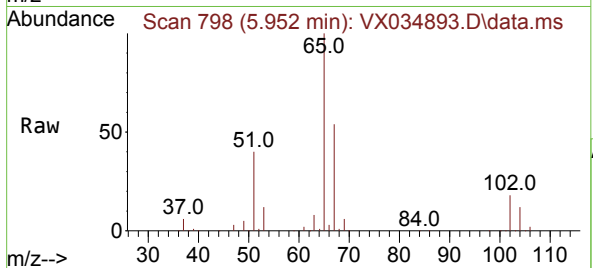
VX0331WBL03

Tgt Ion: 65 Resp: 161325

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034893.D

Acq: 01 Apr 2023 01:32

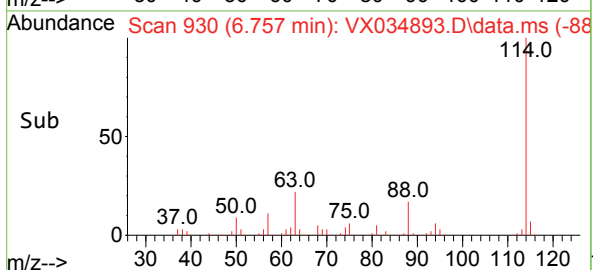
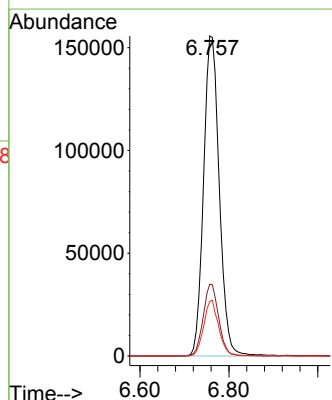
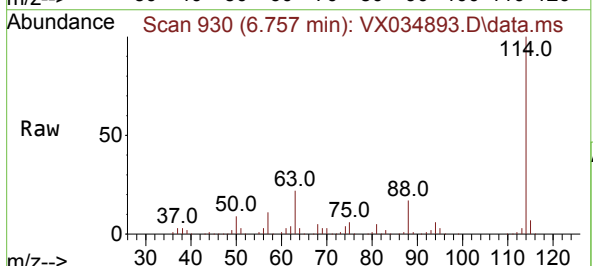
Tgt Ion: 114 Resp: 383622

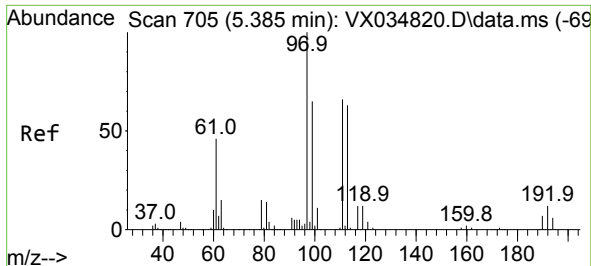
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.2

88 17.0 0.0 33.2

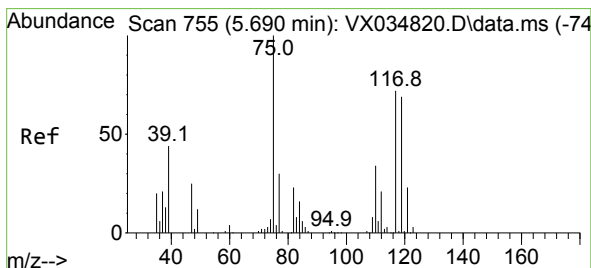
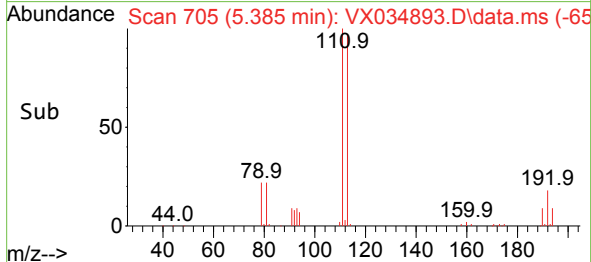
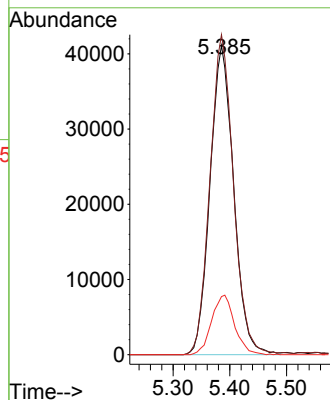
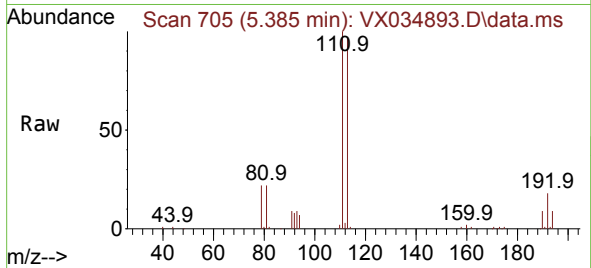




#35
Dibromofluoromethane
Concen: 46.858 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

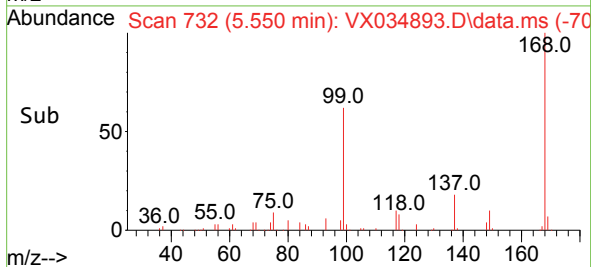
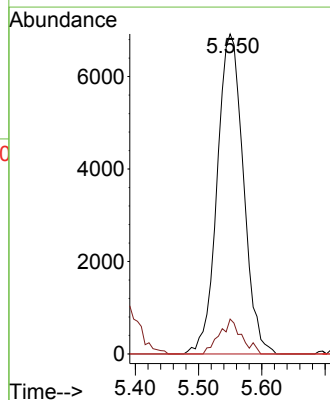
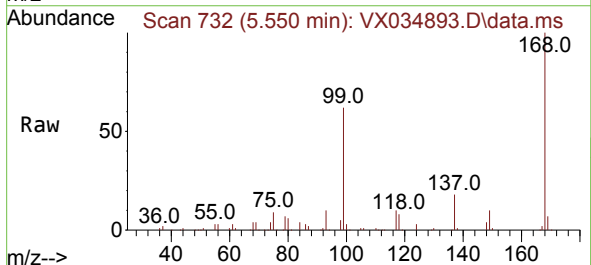
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL03

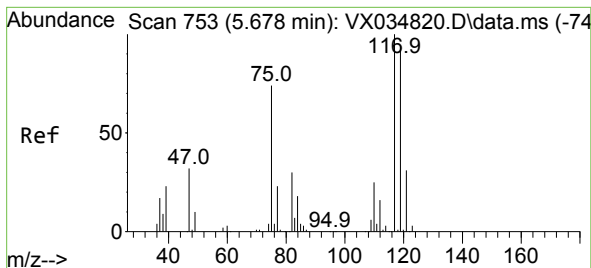
Tgt Ion:113 Resp: 118896
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.293 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

Tgt Ion: 75 Resp: 19896
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.797 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX034893.D

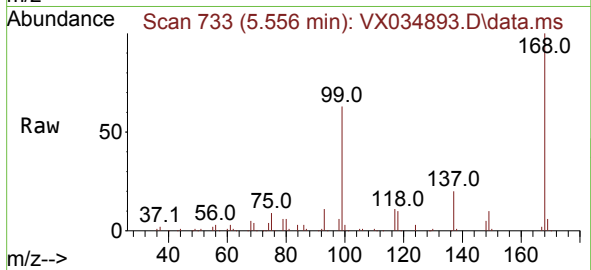
Acq: 01 Apr 2023 01:32

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBL03



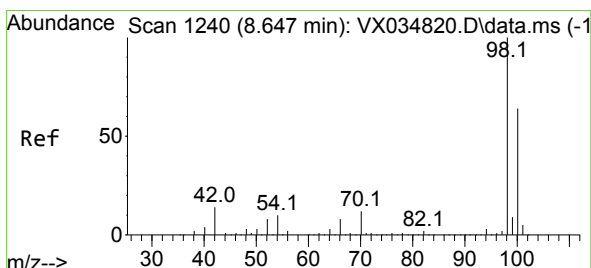
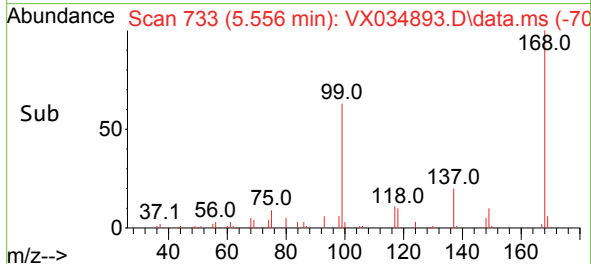
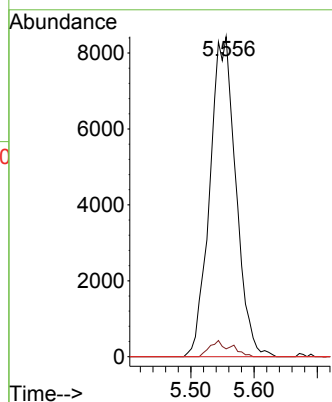
Tgt Ion:117 Resp: 24091

Ion Ratio Lower Upper

117 100

119 2.4 76.6 114.8#

121 0.0 23.8 35.6#



#50

Toluene-d8

Concen: 49.547 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034893.D

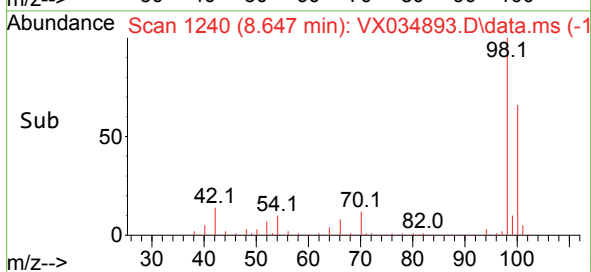
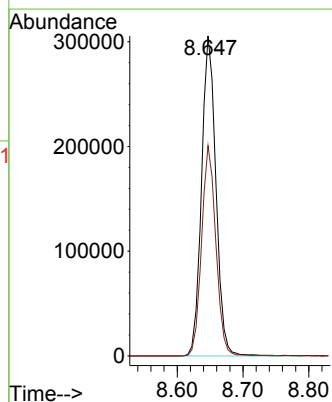
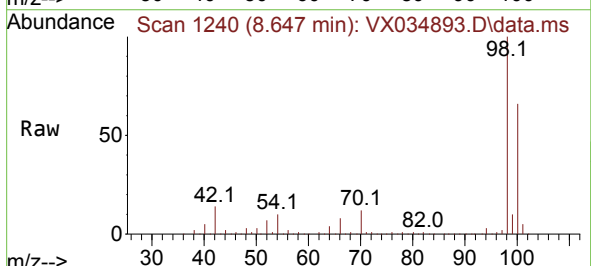
Acq: 01 Apr 2023 01:32

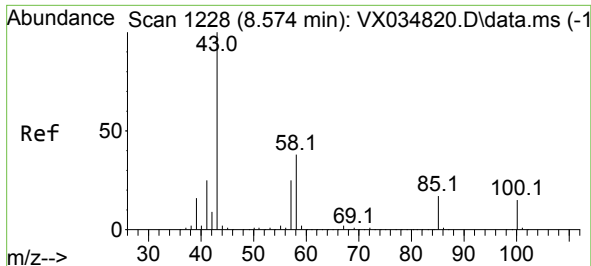
Tgt Ion: 98 Resp: 464033

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.644 ug/l

RT: 8.647 min Scan# 1176

Delta R.T. 0.073 min

Lab File: VX034893.D

Acq: 01 Apr 2023 01:32

Instrument :

MSVOA_X

ClientSampleId :

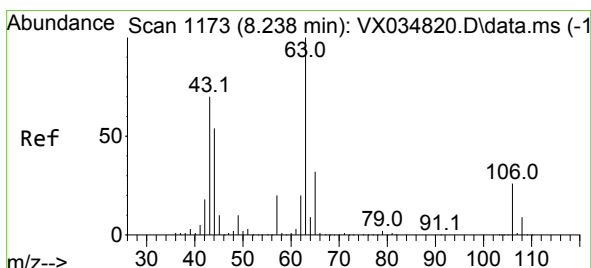
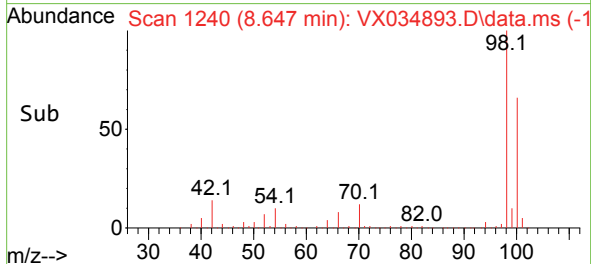
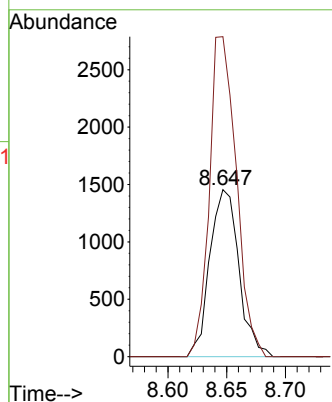
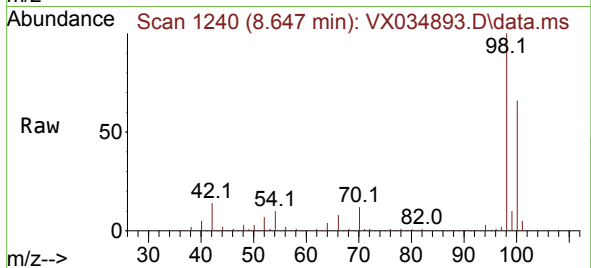
VX0331WBL03

Tgt Ion: 43 Resp: 2507

Ion Ratio Lower Upper

43 100

58 177.6 30.6 46.0#



#58

2-Chloroethyl Vinyl ether

Concen: 0.972 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.018 min

Lab File: VX034893.D

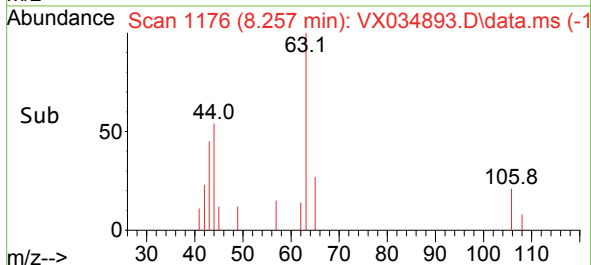
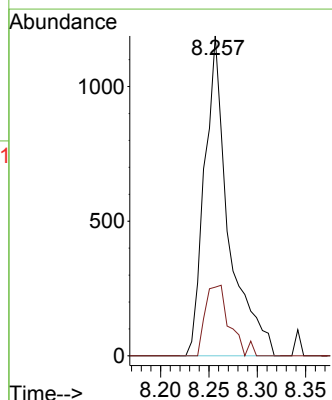
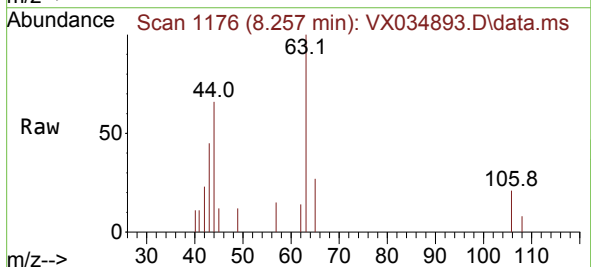
Acq: 01 Apr 2023 01:32

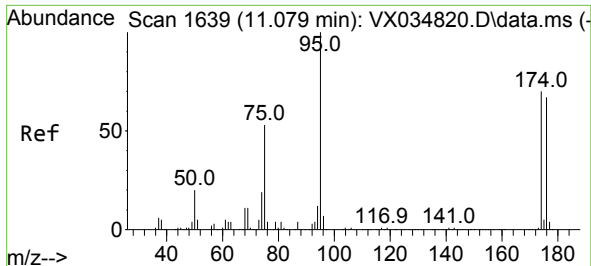
Tgt Ion: 63 Resp: 2064

Ion Ratio Lower Upper

63 100

106 22.1 22.2 33.2#

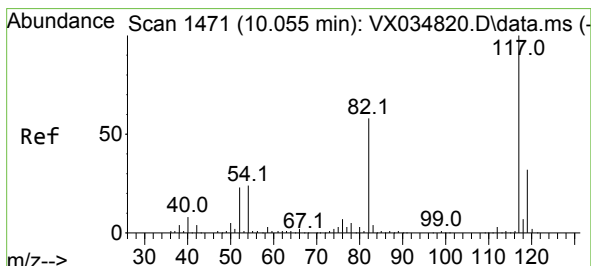
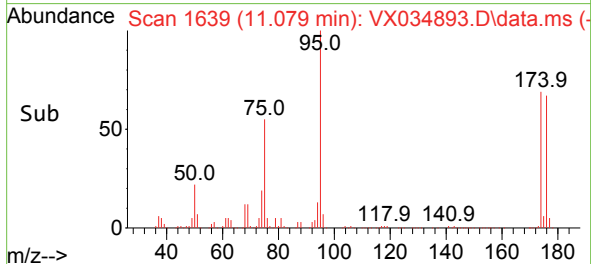
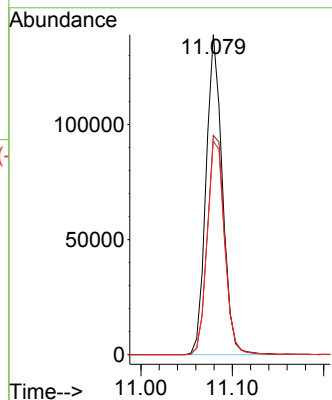
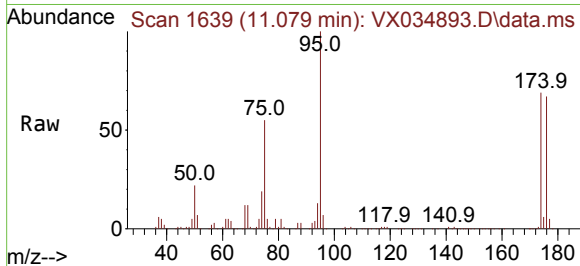




#62
4-Bromofluorobenzene
Concen: 47.441 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

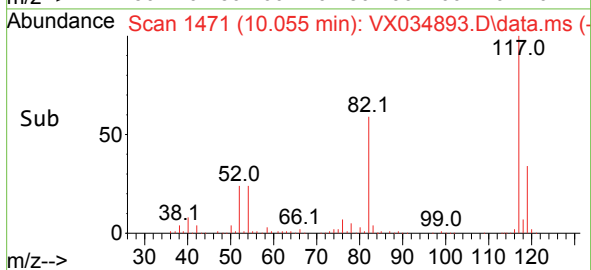
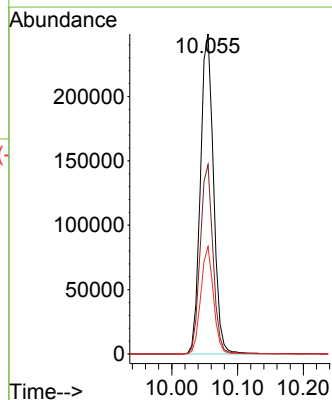
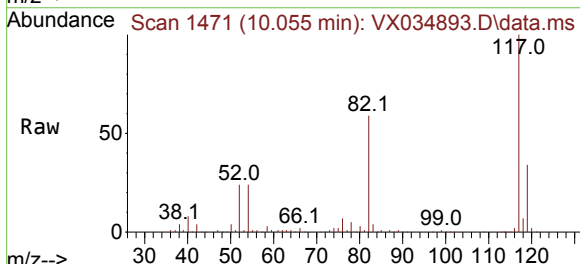
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL03

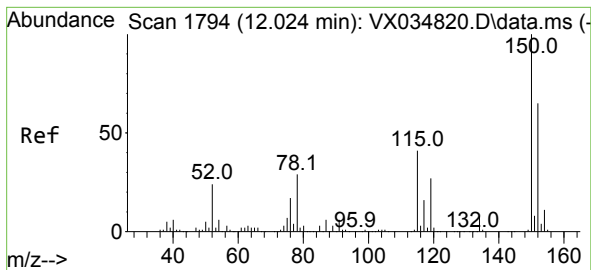
Tgt Ion: 95 Resp: 171937
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.4
176 71.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

Tgt Ion: 117 Resp: 343416
Ion Ratio Lower Upper
117 100
82 59.2 45.0 67.4
119 33.6 26.0 39.0

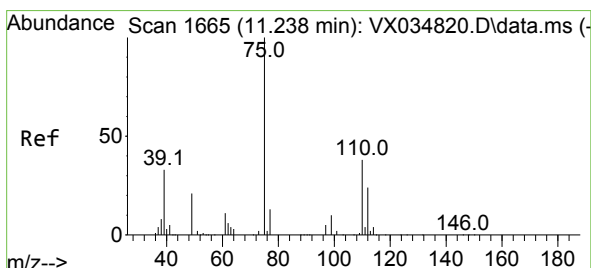
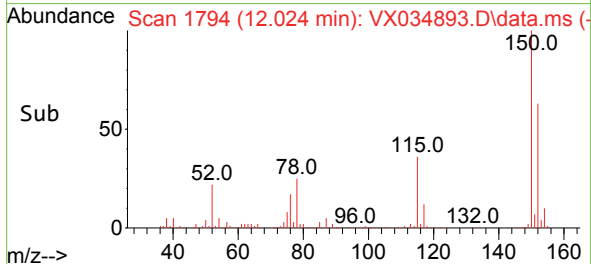
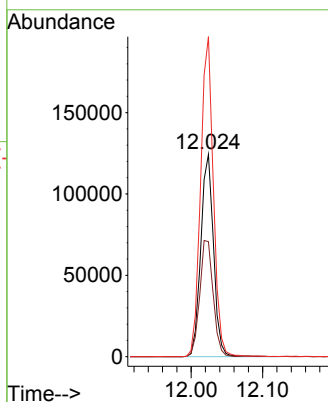
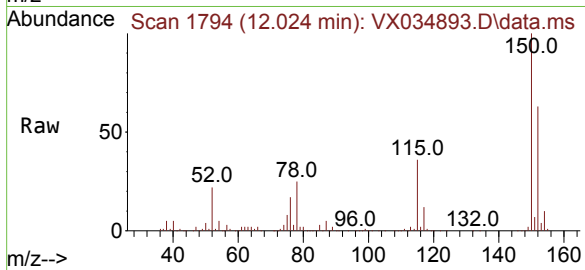




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034893.D
 Acq: 01 Apr 2023 01:32

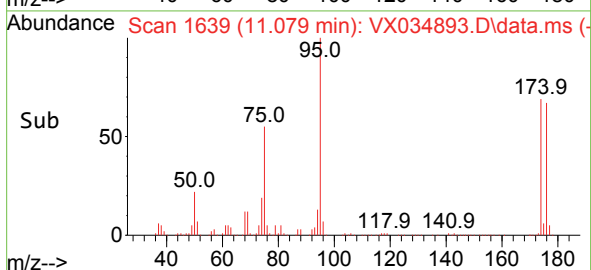
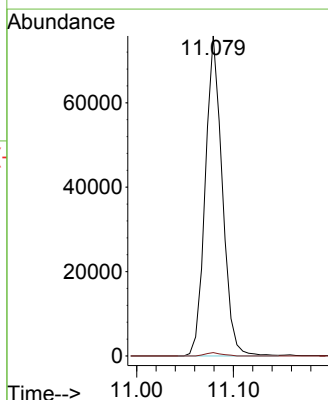
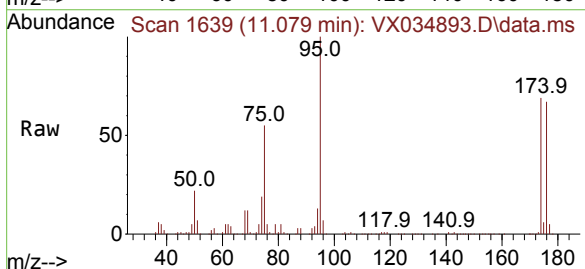
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBL03

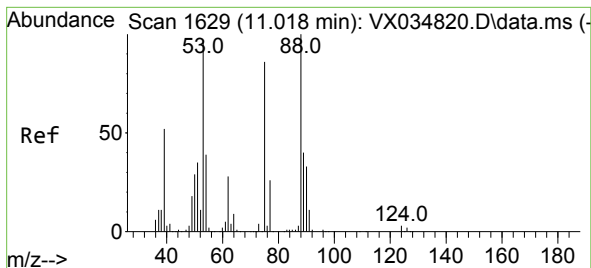
Tgt Ion:152 Resp: 153993
 Ion Ratio Lower Upper
 152 100
 115 60.5 45.0 135.0
 150 158.2 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.911 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034893.D
 Acq: 01 Apr 2023 01:32

Tgt Ion: 75 Resp: 92808
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#

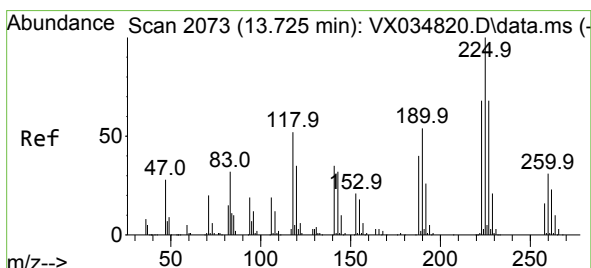
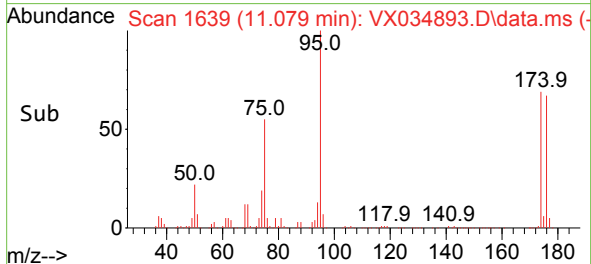
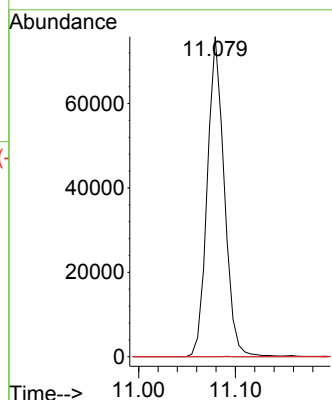
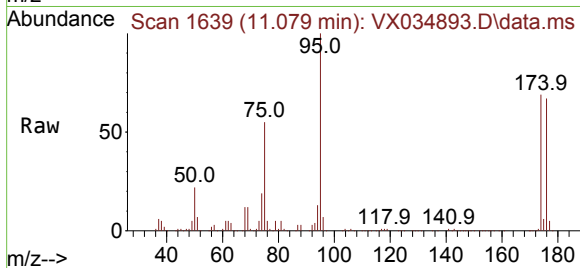




#81
trans-1,4-Dichloro-2-butene
Concen: 89.640 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL03

Tgt Ion: 75 Resp: 92808
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.714 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034893.D
Acq: 01 Apr 2023 01:32

Tgt Ion: 225 Resp: 906
Ion Ratio Lower Upper
225 100
223 70.5 32.1 96.5
227 65.7 31.8 95.4

