

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034898.D
 Acq On : 01 Apr 2023 03:27
 Operator : JC/MD
 Sample : 02140-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02DUP

Quant Time: Apr 03 03:19:21 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)

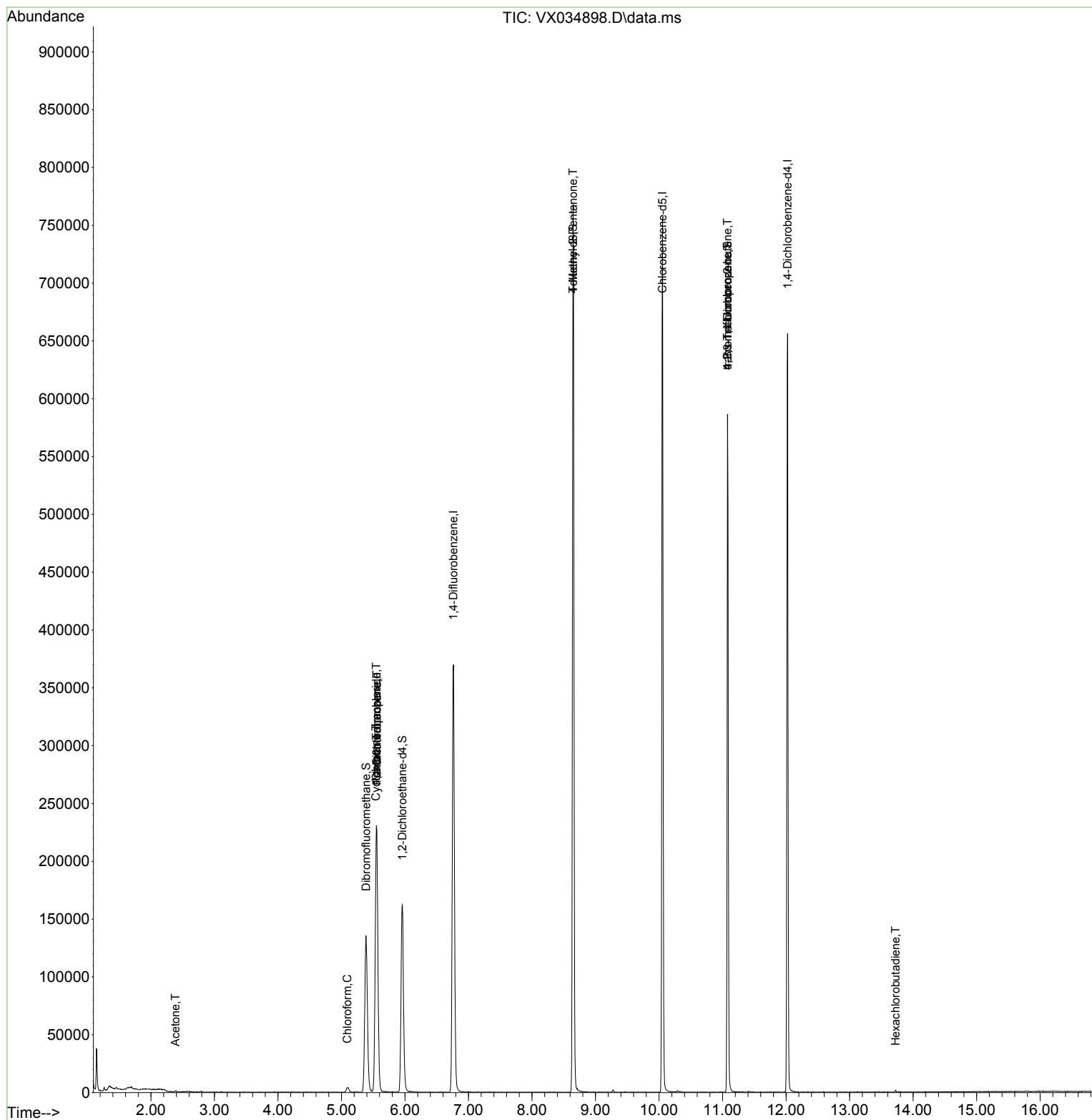
Internal Standards						
1) Pentafluorobenzene	5.556	168	214553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155265	47.318	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.640%
35) Dibromofluoromethane	5.385	113	115172	47.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	8.647	98	440997	49.068	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	146227	42.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.080%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1092	0.819	ug/l #	65
30) Chloroform	5.092	83	5275	1.109	ug/l	88
31) Cyclohexane	5.544	56	5392	1.350	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	18583	5.151	ug/l #	50
38) Carbon Tetrachloride	5.550	117	22825	6.711	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2338	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81111	31.075	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	81111	93.129	ug/l #	8
94) Hexachlorobutadiene	13.725	225	238	0.223	ug/l	89

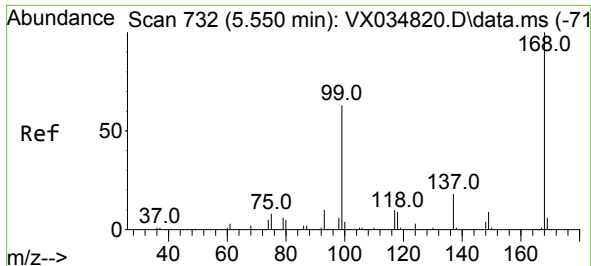
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
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Quant Time: Apr 03 03:19:21 2023
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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

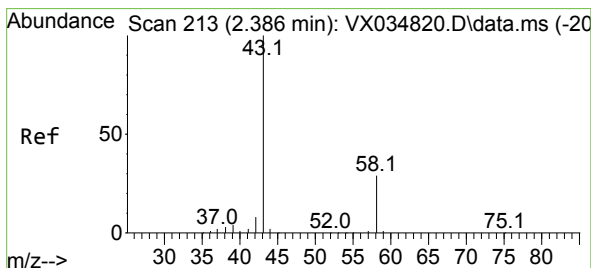
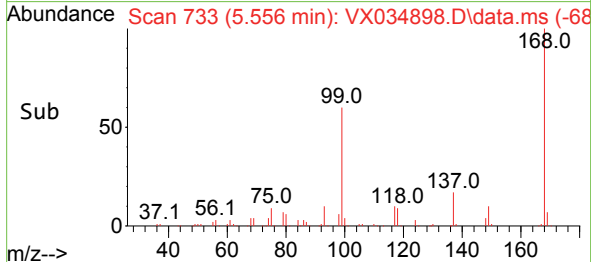
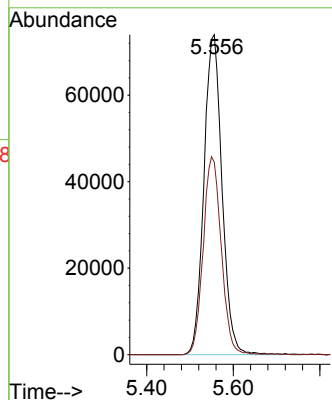
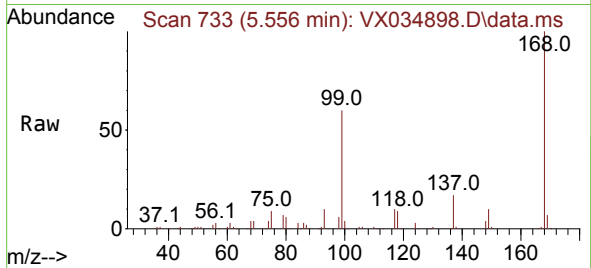




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

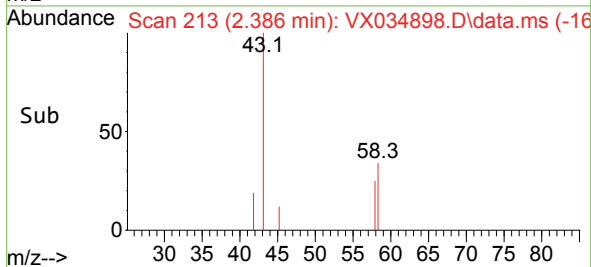
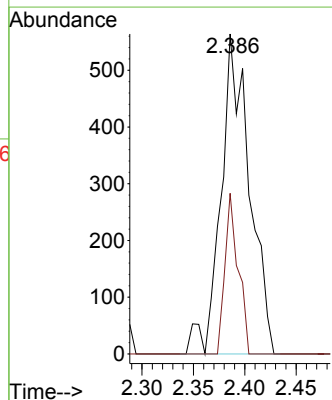
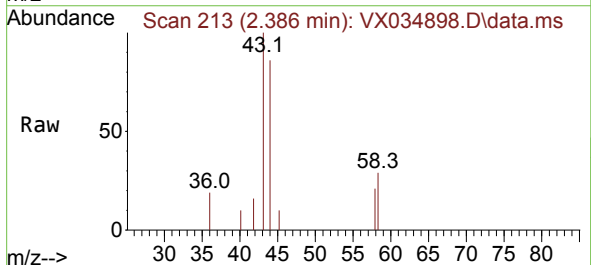
Instrument :
MSVOA_X
ClientSampleId :
MW-02DUP

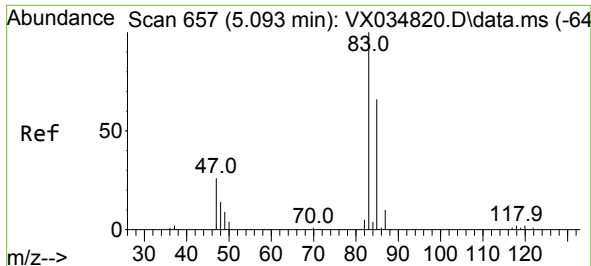
Tgt Ion:168 Resp: 214553
Ion Ratio Lower Upper
168 100
99 60.2 45.7 68.5



#16
Acetone
Concen: 0.819 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 50.2 24.7 37.1#

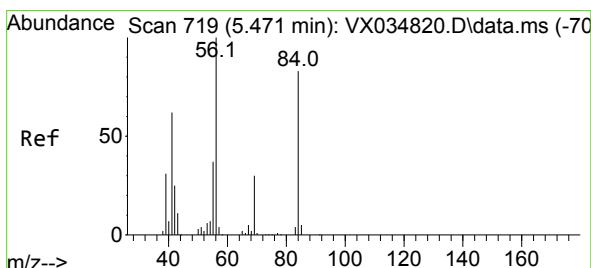
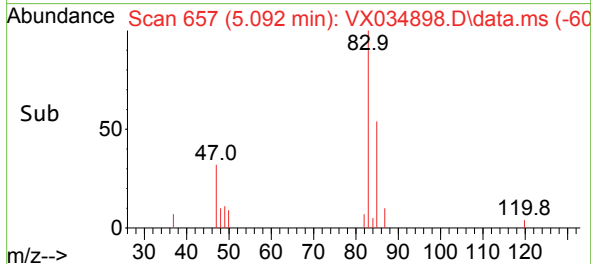
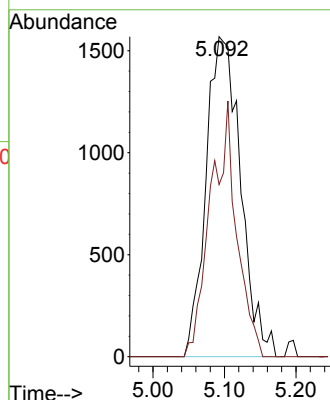
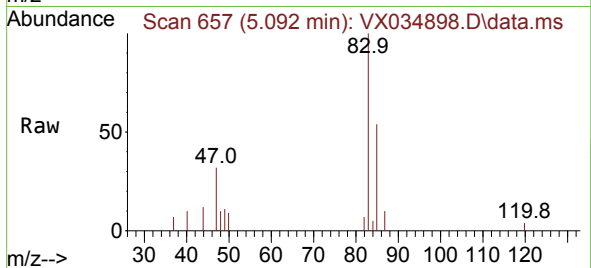




#30
Chloroform
Concen: 1.109 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

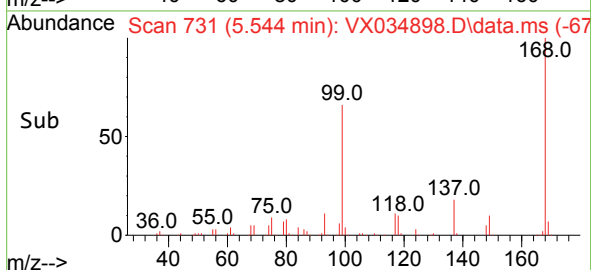
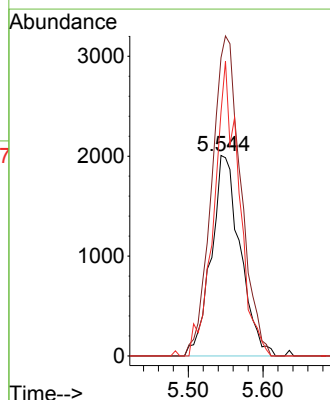
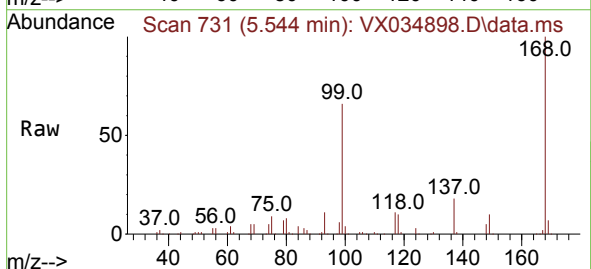
Instrument :
MSVOA_X
ClientSampleId :
MW-02DUP

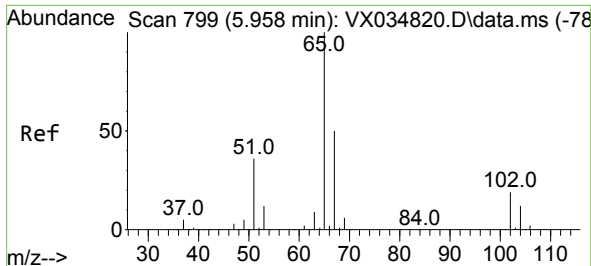
Tgt Ion: 83 Resp: 5275
Ion Ratio Lower Upper
83 100
85 53.8 50.6 76.0



#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

Tgt Ion: 56 Resp: 5392
Ion Ratio Lower Upper
56 100
69 148.8 23.7 35.5#
84 121.7 68.5 102.7#

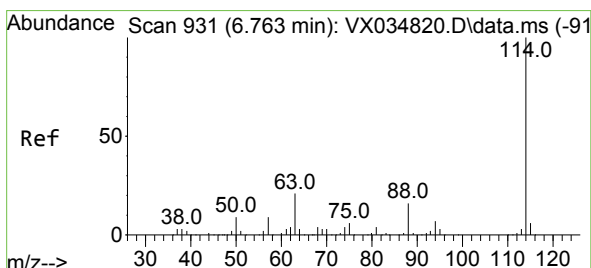
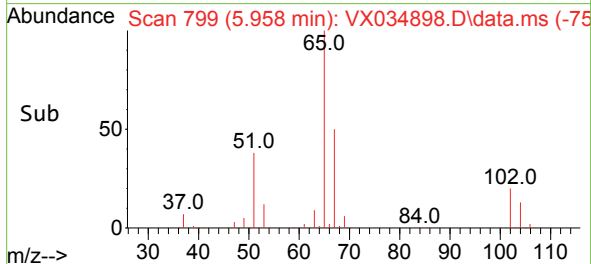
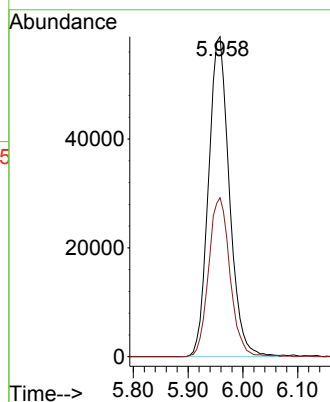
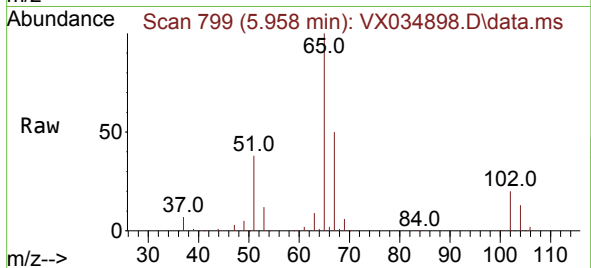




#33
 1,2-Dichloroethane-d4
 Concen: 47.318 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034898.D
 Acq: 01 Apr 2023 03:27

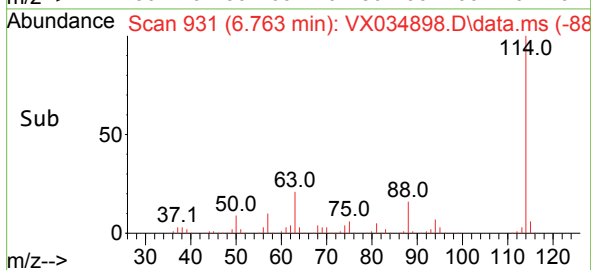
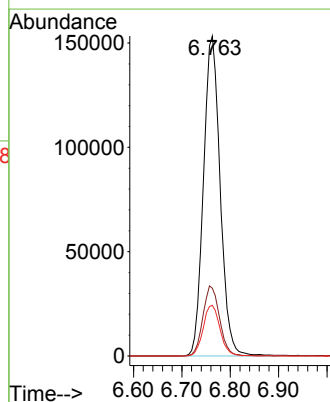
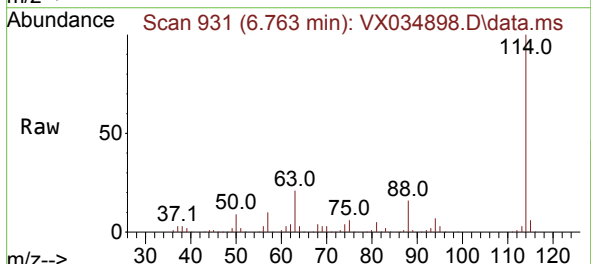
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02DUP

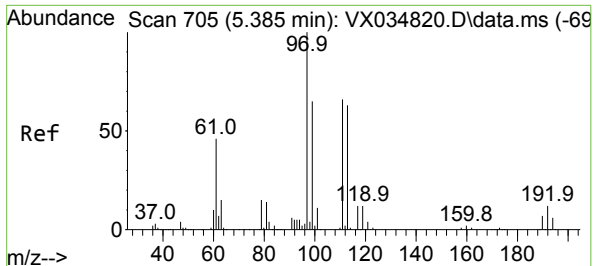
Tgt Ion: 65 Resp: 155265
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034898.D
 Acq: 01 Apr 2023 03:27

Tgt Ion: 114 Resp: 368139
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.2
 88 15.8 0.0 33.2

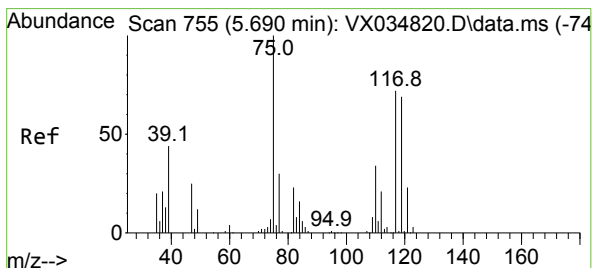
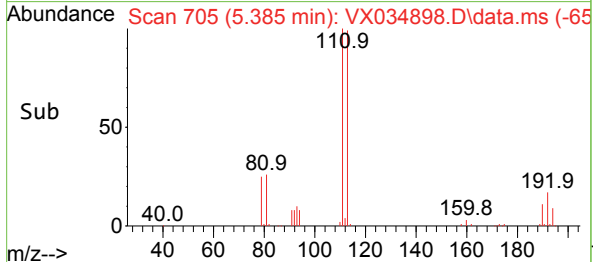
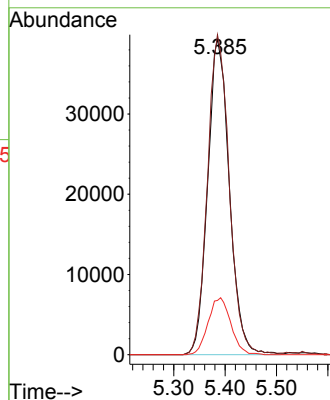
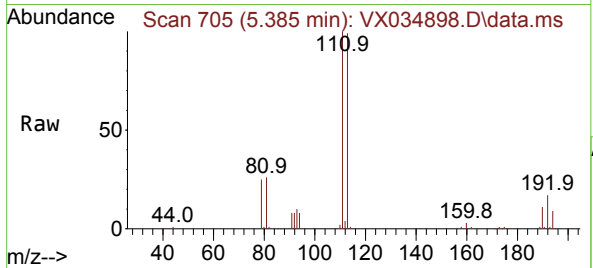




#35
Dibromofluoromethane
Concen: 47.300 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

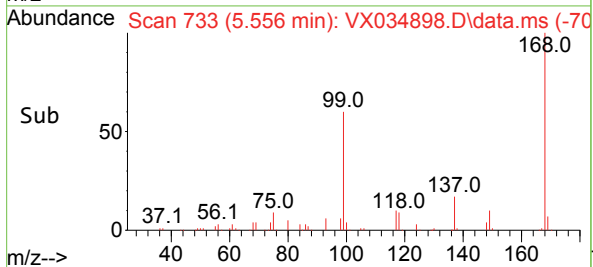
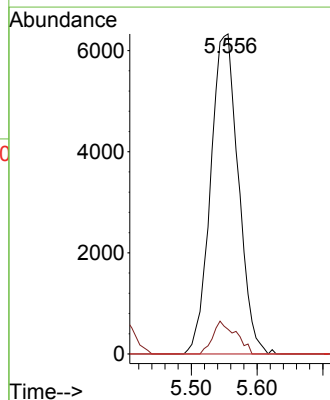
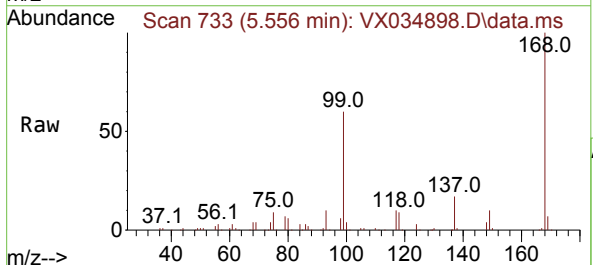
Instrument :
MSVOA_X
ClientSampleId :
MW-02DUP

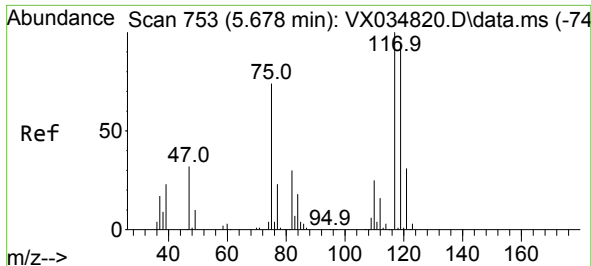
Tgt Ion:113 Resp: 115172
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.151 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

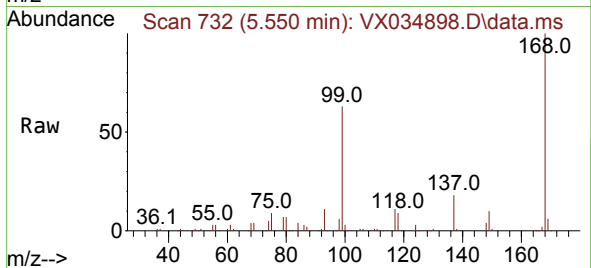
Tgt Ion: 75 Resp: 18583
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#



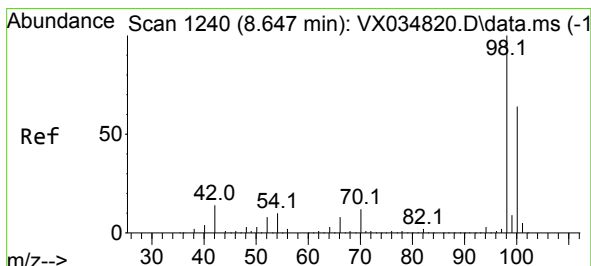
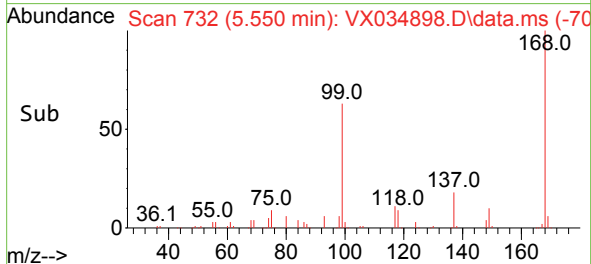
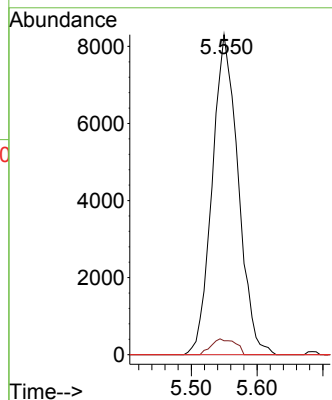


#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

Instrument :
MSVOA_X
ClientSampleId :
MW-02DUP

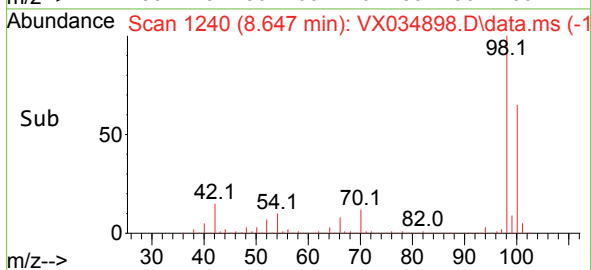
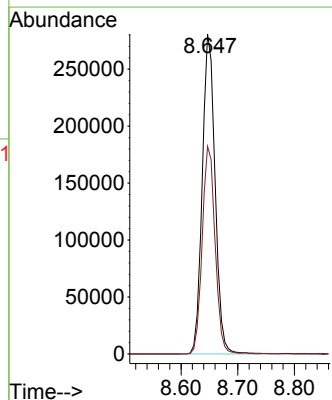
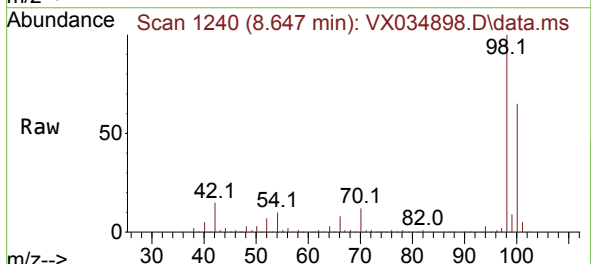


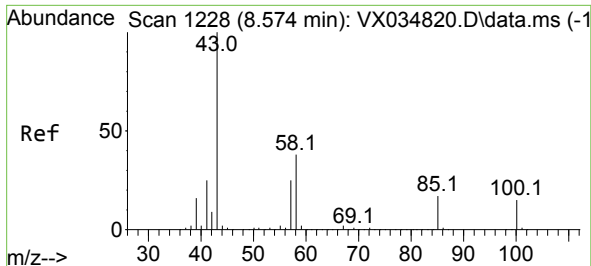
Tgt Ion:117 Resp: 22825
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.068 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

Tgt Ion: 98 Resp: 440997
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.626 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX034898.D

Acq: 01 Apr 2023 03:27

Instrument :

MSVOA_X

ClientSampleId :

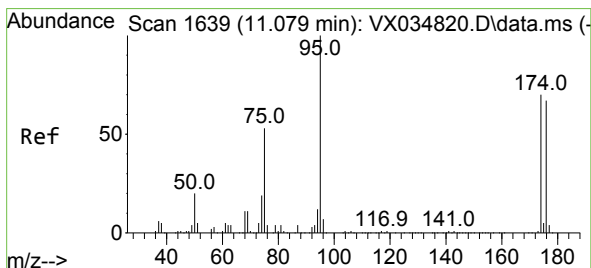
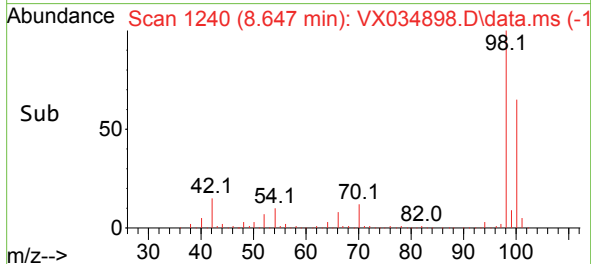
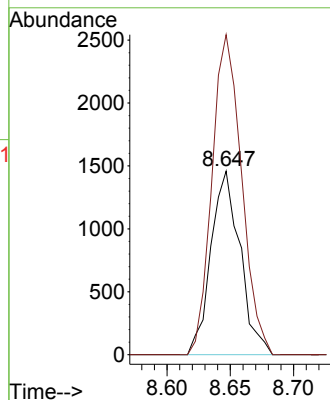
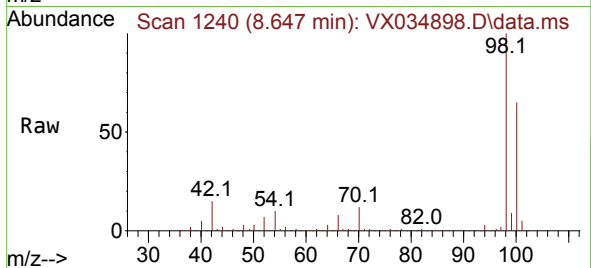
MW-02DUP

Tgt Ion: 43 Resp: 2338

Ion Ratio Lower Upper

43 100

58 177.4 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 42.044 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034898.D

Acq: 01 Apr 2023 03:27

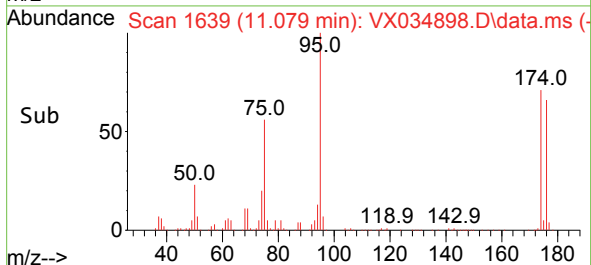
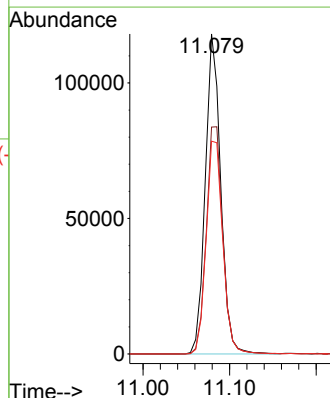
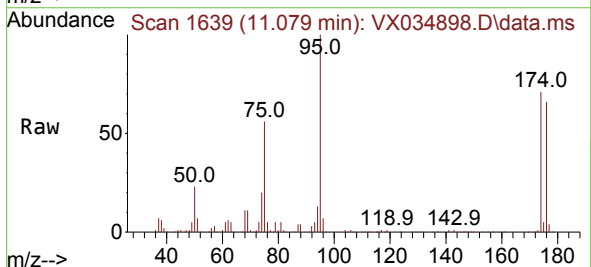
Tgt Ion: 95 Resp: 146227

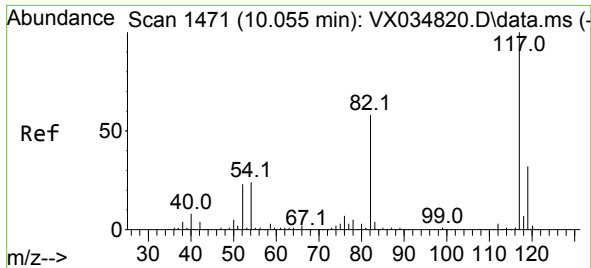
Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.4

176 71.7 0.0 140.6

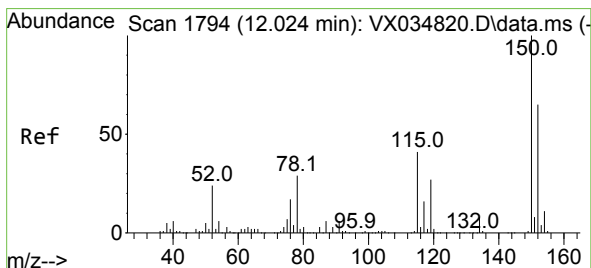
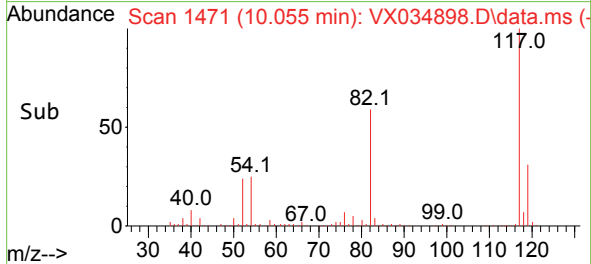
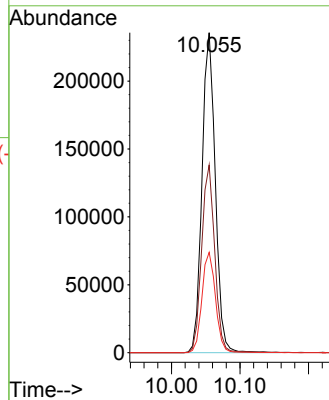
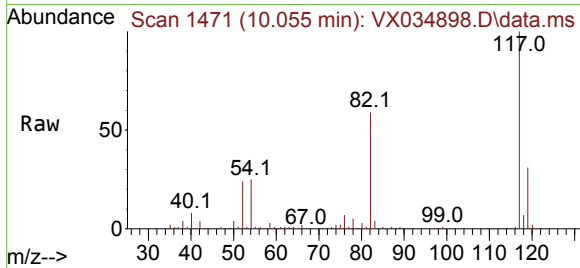




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

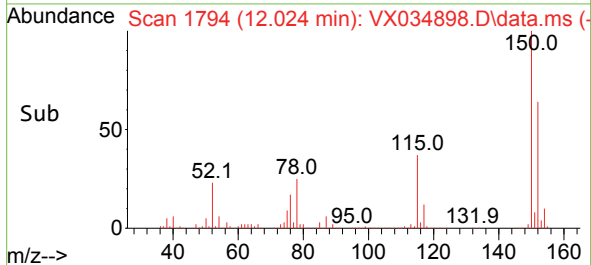
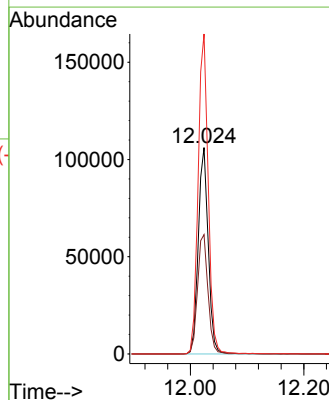
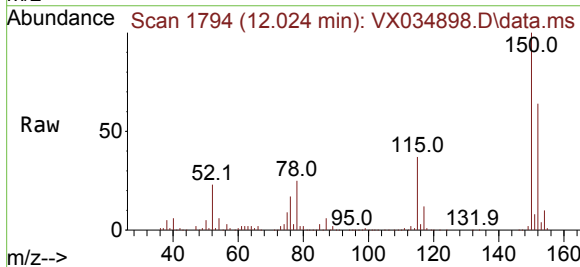
Instrument :
MSVOA_X
ClientSampleId :
MW-02DUP

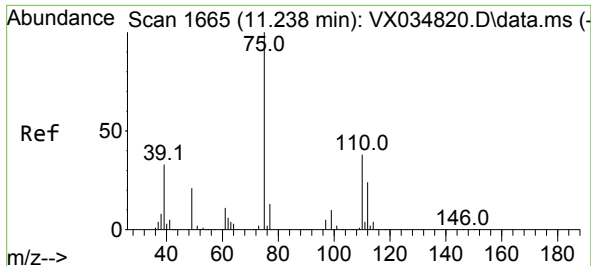
Tgt Ion:117 Resp: 317993
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 31.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

Tgt Ion:152 Resp: 129542
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 156.8 0.0 352.4

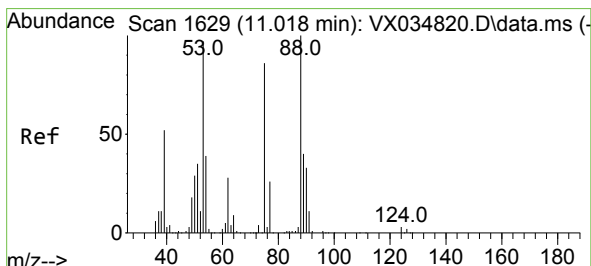
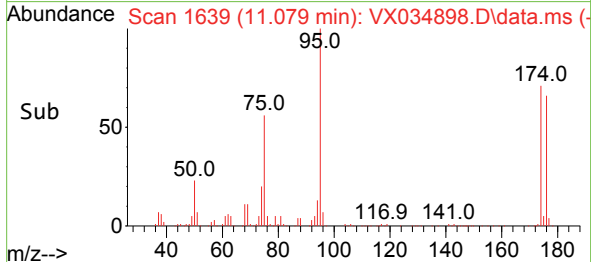
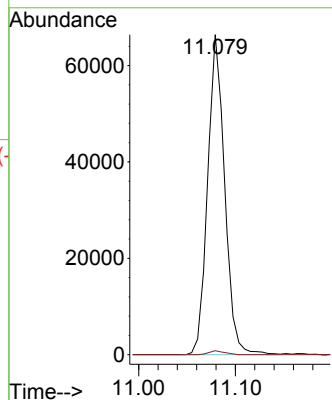
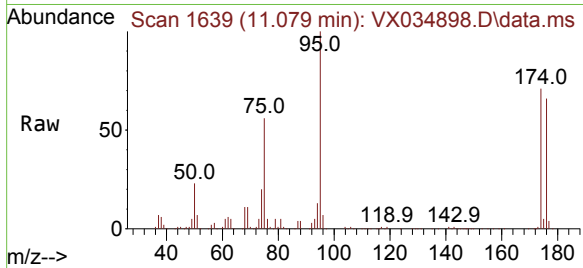




#76
1,2,3-Trichloropropane
Concen: 31.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

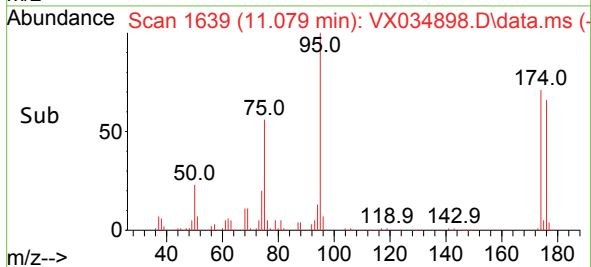
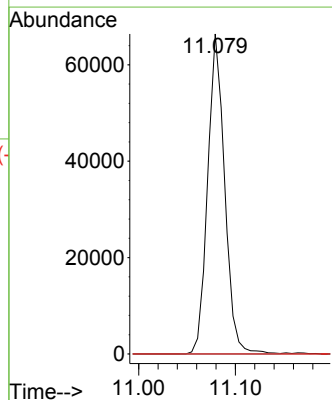
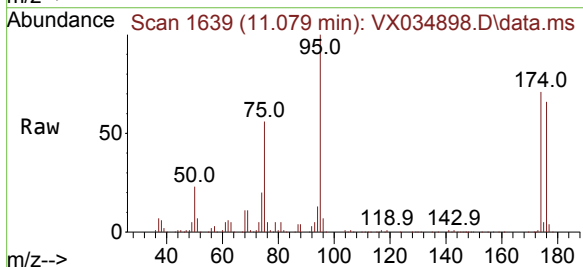
Instrument :
MSVOA_X
ClientSampleId :
MW-02DUP

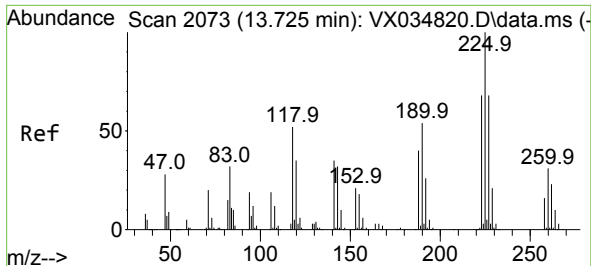
Tgt Ion: 75 Resp: 81111
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034898.D
Acq: 01 Apr 2023 03:27

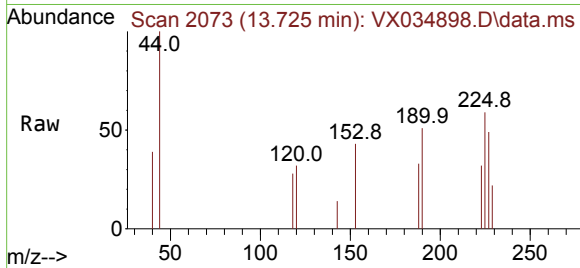
Tgt Ion: 75 Resp: 81111
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.223 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX034898.D
 Acq: 01 Apr 2023 03:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02DUP



Tgt Ion:	225	Resp:	238
Ion	Ratio	Lower	Upper
225	100		
223	73.1	32.1	96.5
227	72.3	31.8	95.4

