

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034897.D
 Acq On : 01 Apr 2023 03:04
 Operator : JC/MD
 Sample : 02140-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02

Quant Time: Apr 03 03:18:59 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)

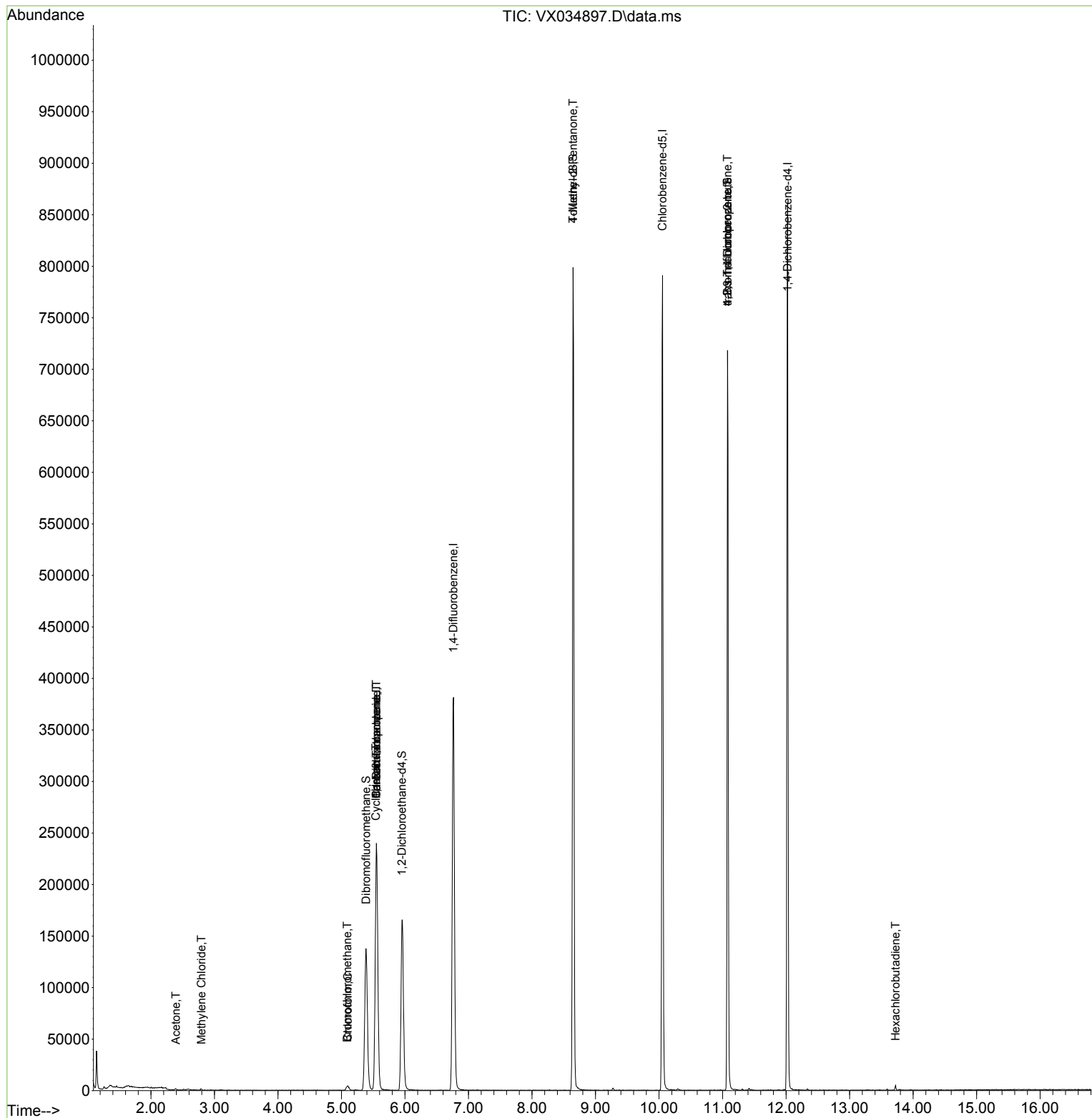
Internal Standards						
1) Pentafluorobenzene	5.550	168	216830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	376748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160112	48.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.560%
35) Dibromofluoromethane	5.385	113	118404	47.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	8.647	98	452240	49.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	184974	51.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.940%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1226	0.910	ug/l	97
20) Methylene Chloride	2.794	84	532	0.200	ug/l #	81
28) Bromochloromethane	5.093	49	489	0.211	ug/l #	15
30) Chloroform	5.099	83	4813	1.001	ug/l	95
31) Cyclohexane	5.544	56	5524	1.368	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	18688	5.062	ug/l #	50
38) Carbon Tetrachloride	5.550	117	22882	6.574	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2591	0.678	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	102865	30.495	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	102865	91.391	ug/l #	8
94) Hexachlorobutadiene	13.725	225	563	0.408	ug/l	88

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Quant Time: Apr 03 03:18:59 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

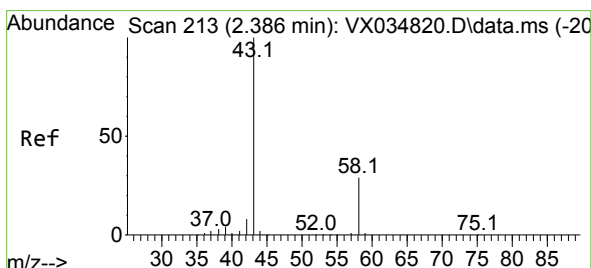
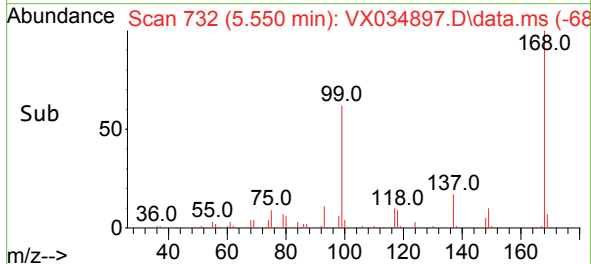
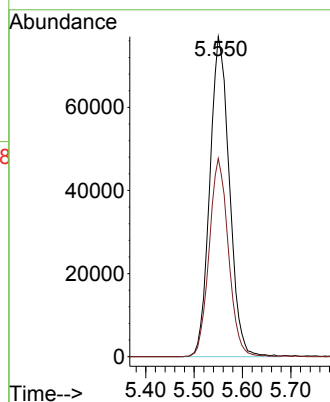
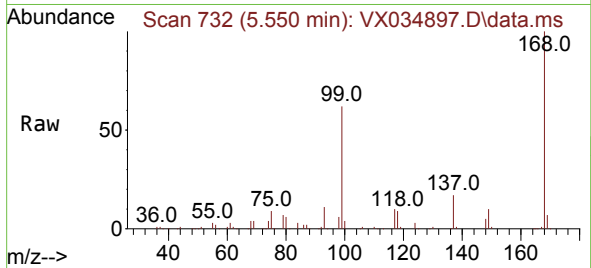




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

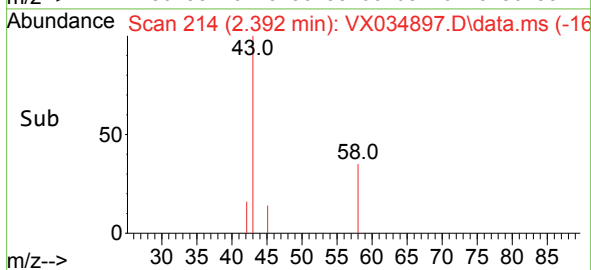
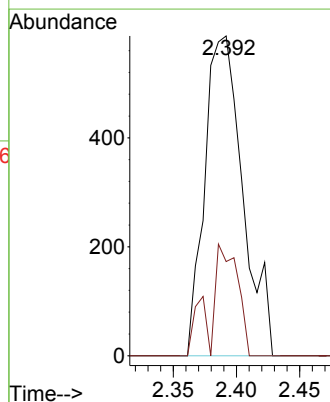
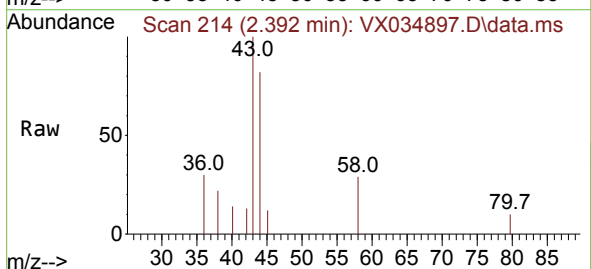
Instrument :
MSVOA_X
ClientSampleId :
MW-02

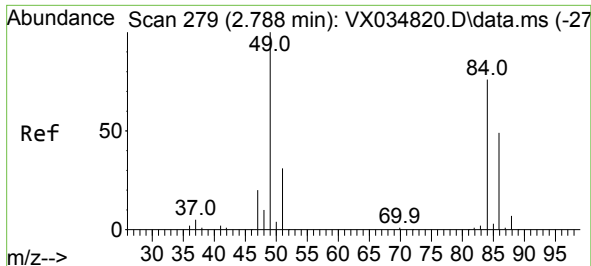
Tgt Ion:168 Resp: 216830
Ion Ratio Lower Upper
168 100
99 61.9 45.7 68.5



#16
Acetone
Concen: 0.910 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 29.5 24.7 37.1

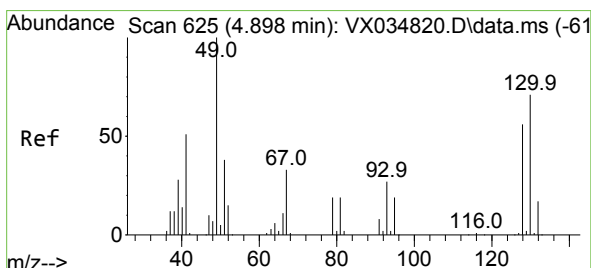
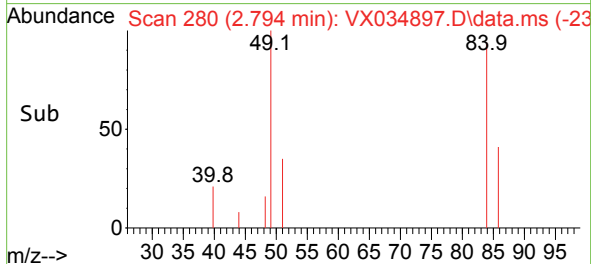
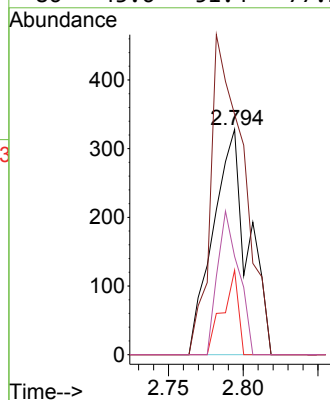
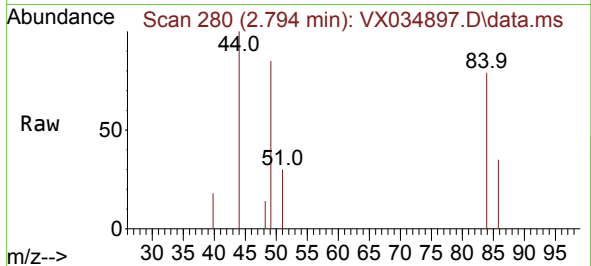




#20
Methylene Chloride
Concen: 0.200 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

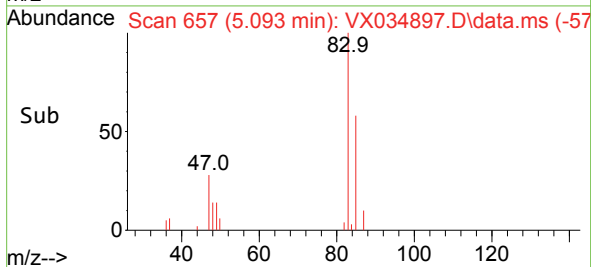
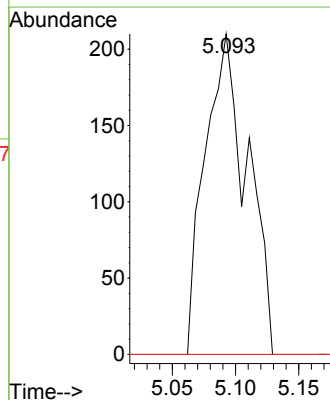
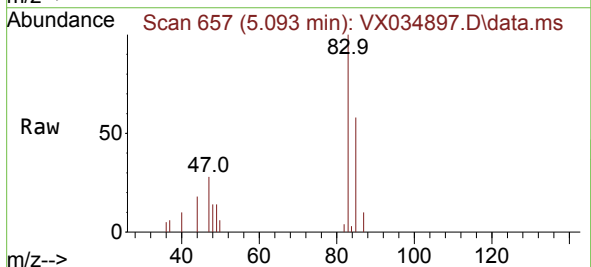
Instrument :
MSVOA_X
ClientSampleId :
MW-02

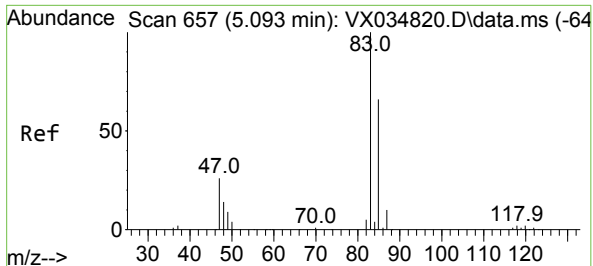
Tgt Ion: 84	Resp:	532
Ion	Ratio	Lower Upper
84	100	
49	106.7	103.8 155.8
51	37.5	31.8 47.8
86	43.6	51.4 77.2#



#28
Bromochloromethane
Concen: 0.211 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Tgt Ion: 49	Resp:	489
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 4.0
130	0.0	58.2 87.2#

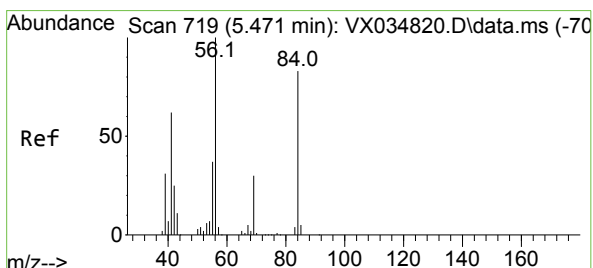
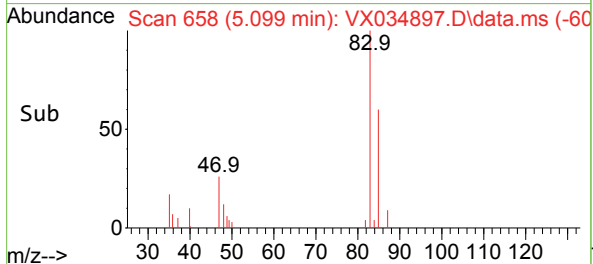
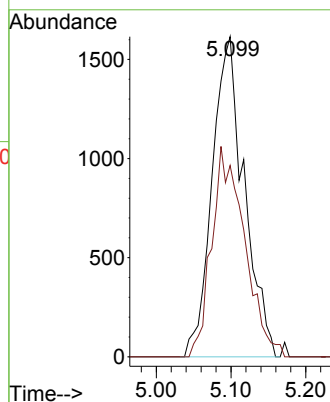
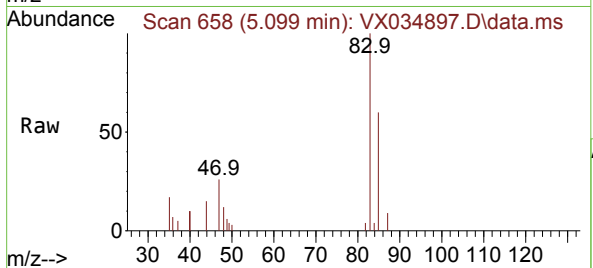




#30
Chloroform
Concen: 1.001 ug/l
RT: 5.099 min Scan# 610
Delta R.T. 0.006 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

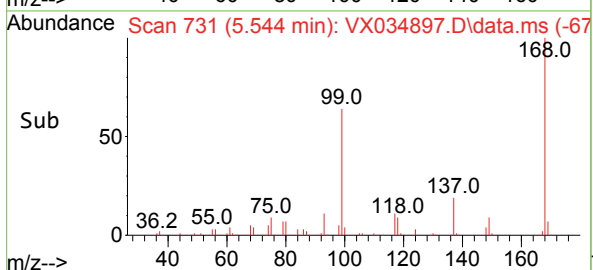
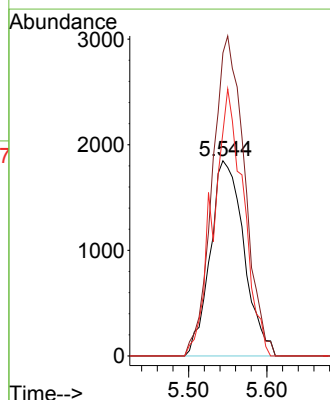
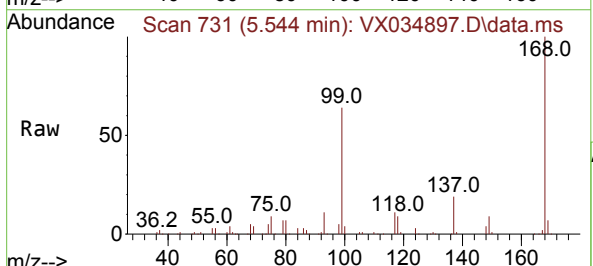
Instrument :
MSVOA_X
ClientSampleId :
MW-02

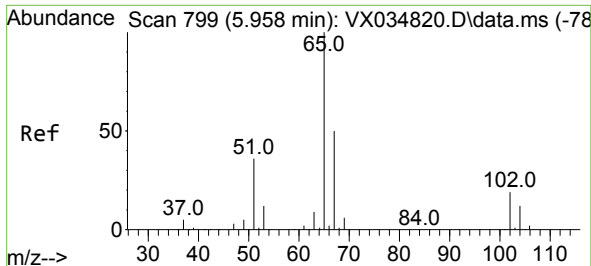
Tgt Ion: 83 Resp: 4813
Ion Ratio Lower Upper
83 100
85 59.8 50.6 76.0



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Tgt Ion: 56 Resp: 5524
Ion Ratio Lower Upper
56 100
69 155.2 23.7 35.5#
84 114.6 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.283 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034897.D

Acq: 01 Apr 2023 03:04

Instrument :

MSVOA_X

ClientSampleId :

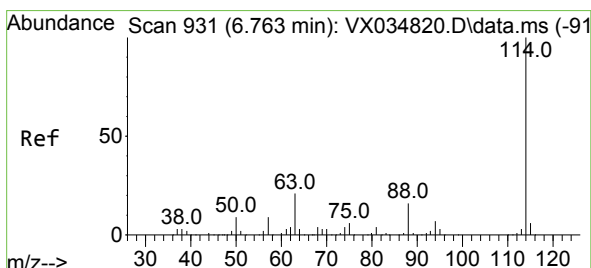
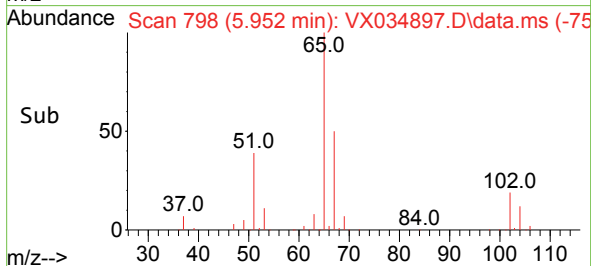
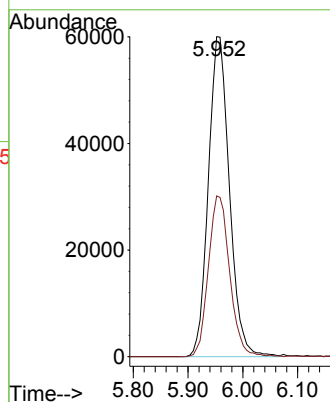
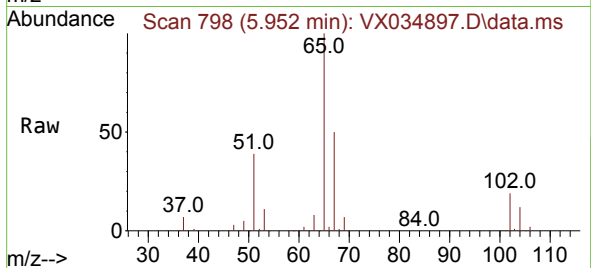
MW-02

Tgt Ion: 65 Resp: 160112

Ion Ratio Lower Upper

65 100

67 50.7 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: VX034897.D

Acq: 01 Apr 2023 03:04

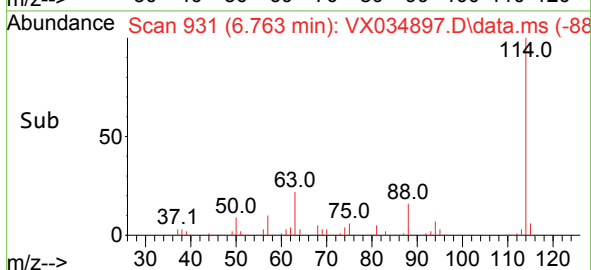
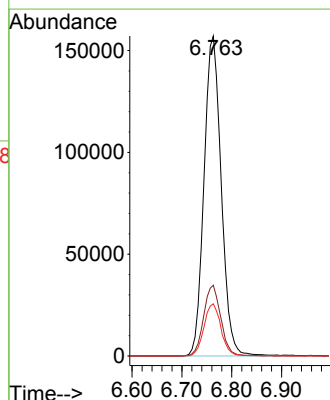
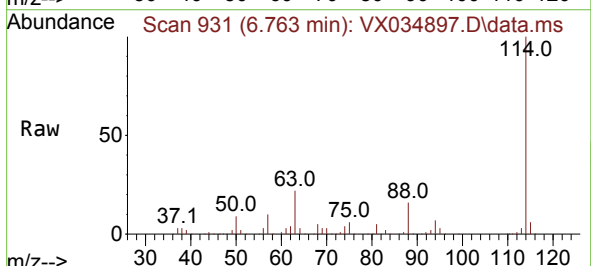
Tgt Ion: 114 Resp: 376748

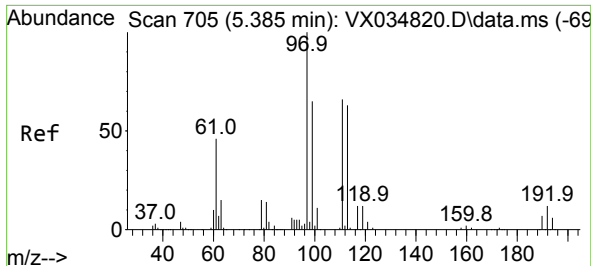
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 16.3 0.0 33.2

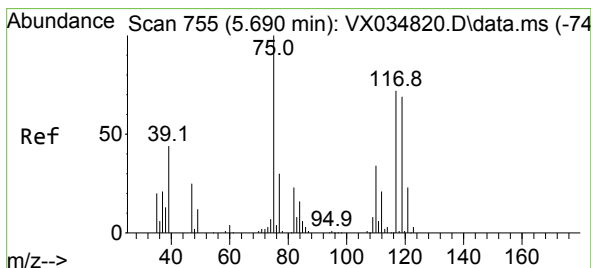
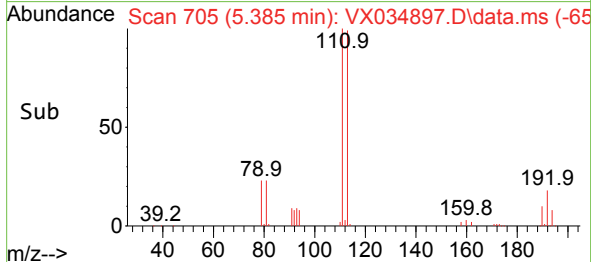
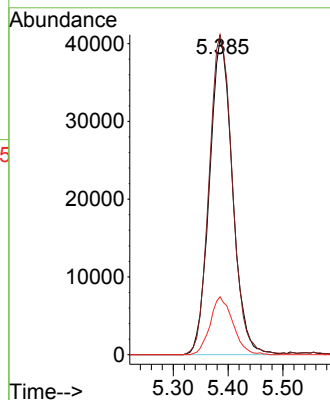
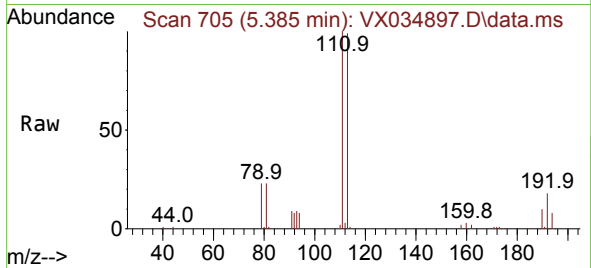




#35
Dibromofluoromethane
Concen: 47.516 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

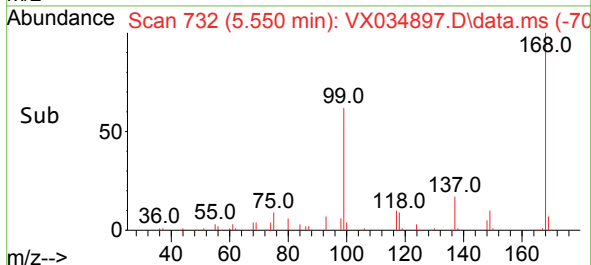
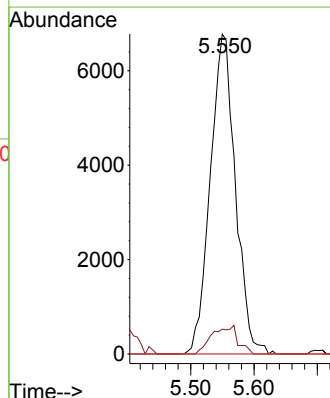
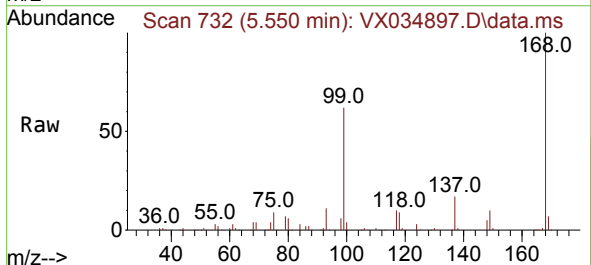
Instrument :
MSVOA_X
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MW-02

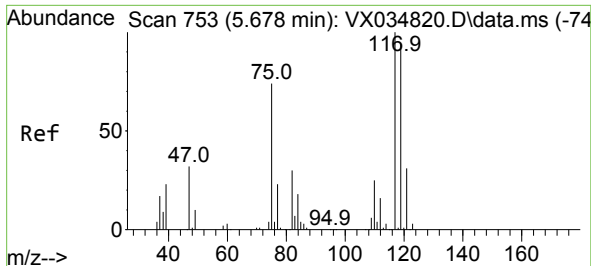
Tgt Ion:113 Resp: 118404
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

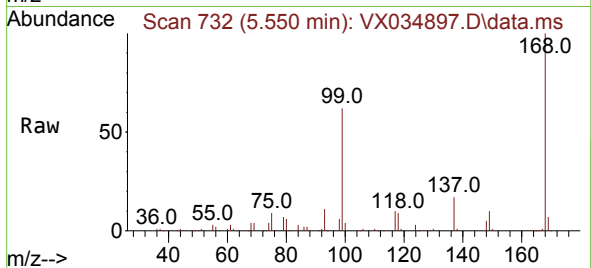
Tgt Ion: 75 Resp: 18688
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



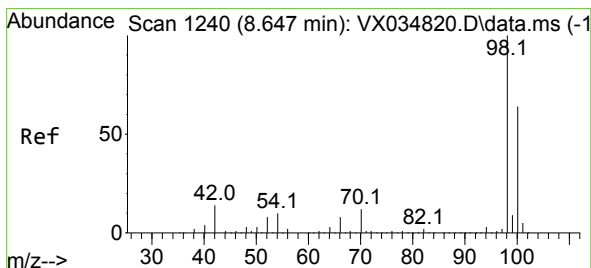
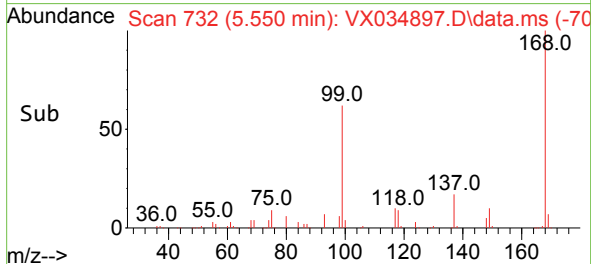
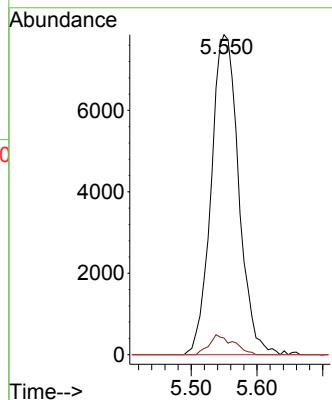


#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Instrument :
MSVOA_X
ClientSampleId :
MW-02

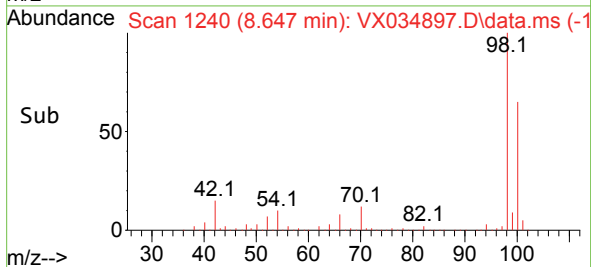
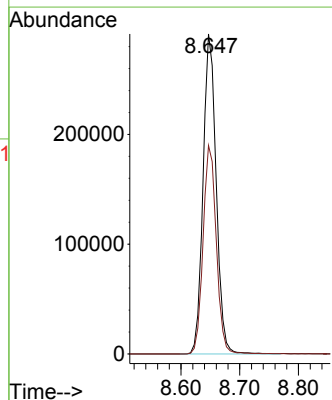
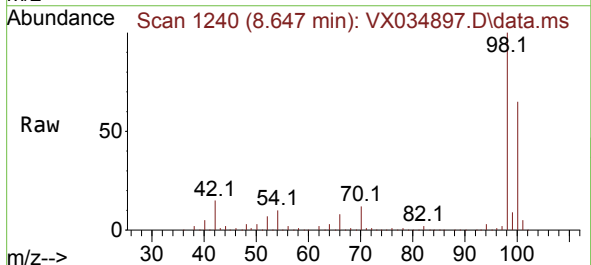


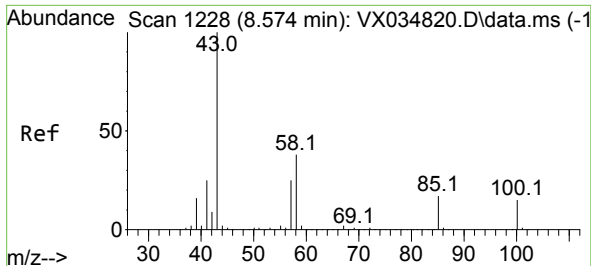
Tgt Ion:117 Resp: 22882
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.169 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Tgt Ion: 98 Resp: 452240
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

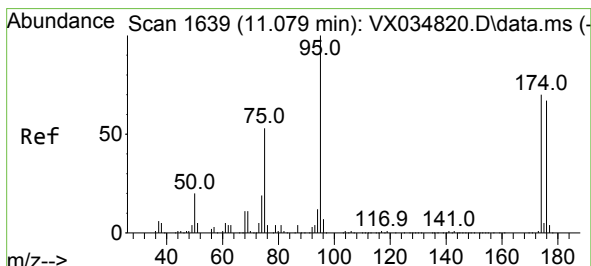
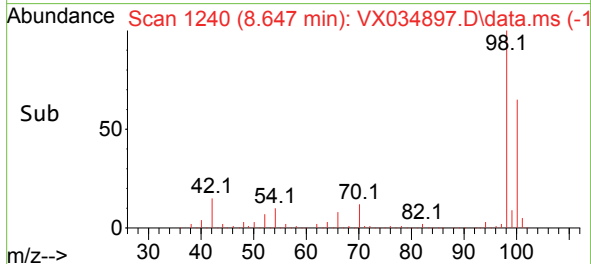
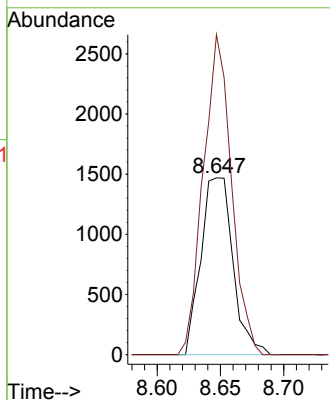
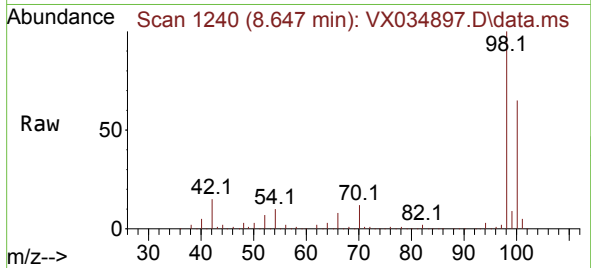




#51
4-Methyl-2-Pentanone
Concen: 0.678 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

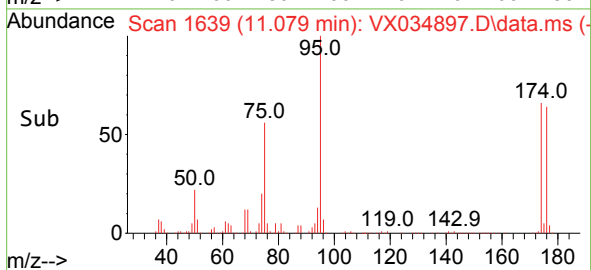
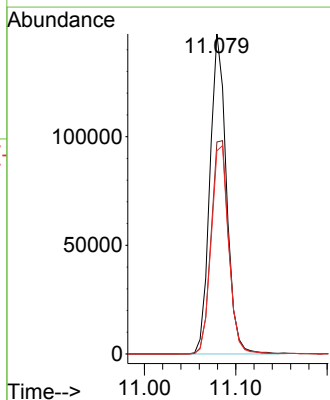
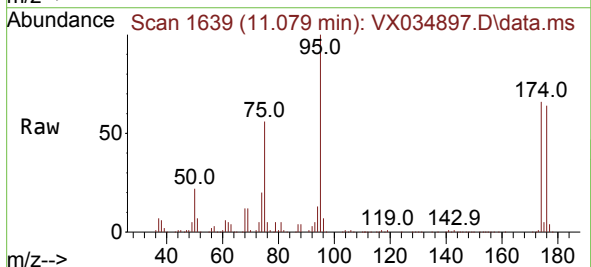
Instrument :
MSVOA_X
ClientSampleId :
MW-02

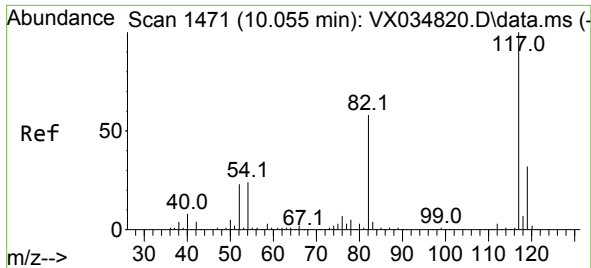
Tgt Ion: 43 Resp: 2591
Ion Ratio Lower Upper
43 100
58 159.1 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Tgt Ion: 95 Resp: 184974
Ion Ratio Lower Upper
95 100
174 71.2 0.0 147.4
176 69.2 0.0 140.6

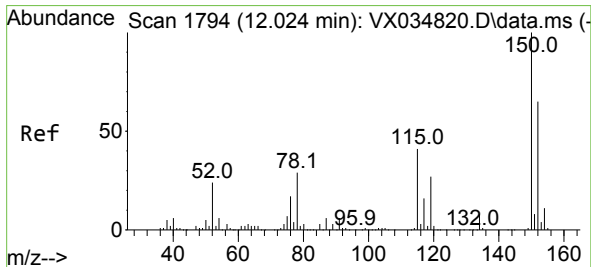
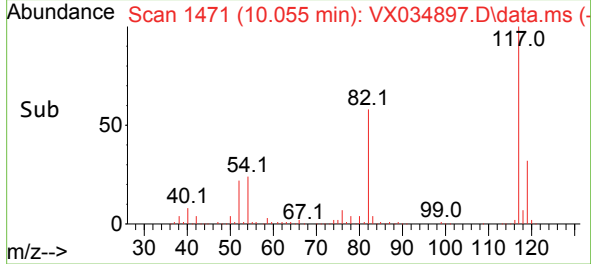
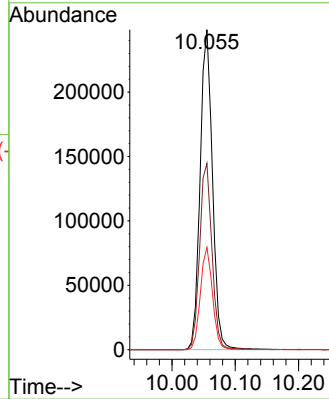
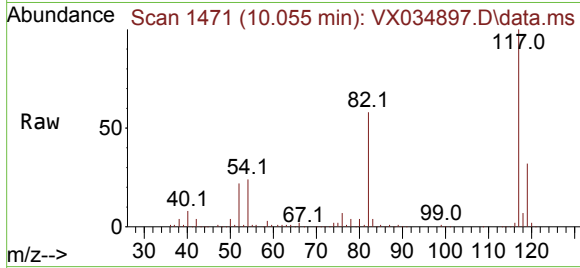




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

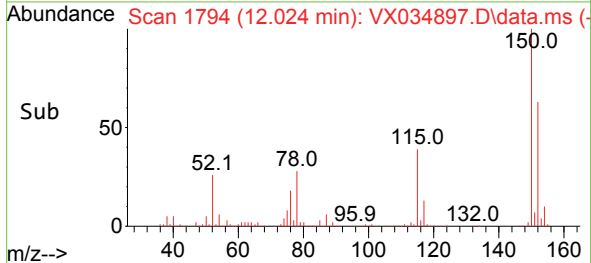
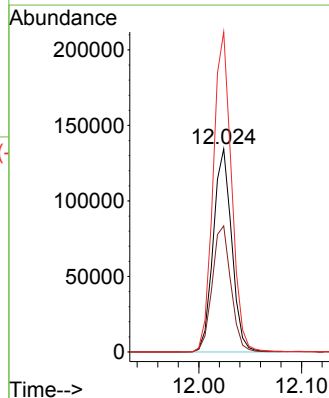
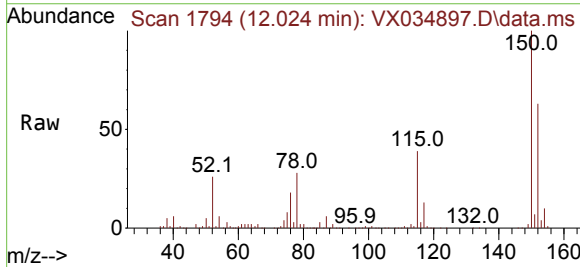
Instrument :
MSVOA_X
ClientSampleId :
MW-02

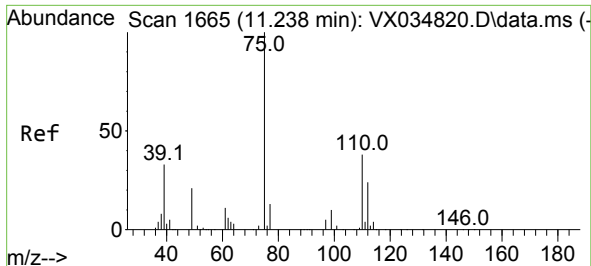
Tgt Ion:117 Resp: 338192
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Tgt Ion:152 Resp: 167409
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 156.6 0.0 352.4

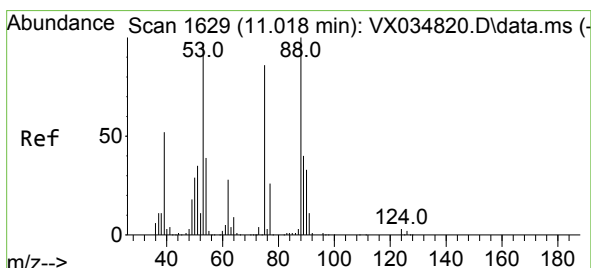
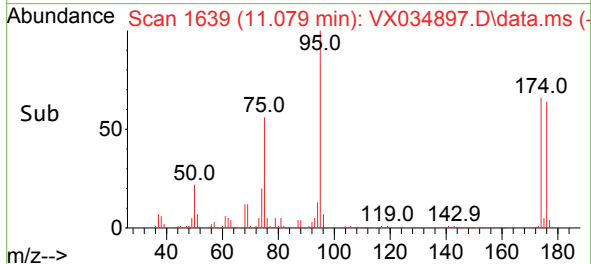
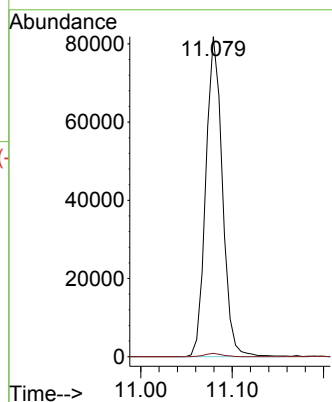
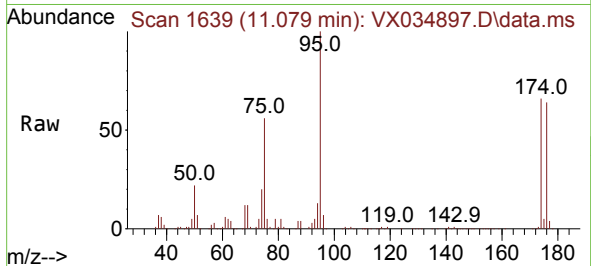




#76
1,2,3-Trichloropropane
Concen: 30.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

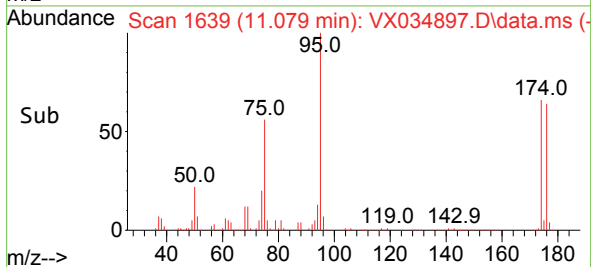
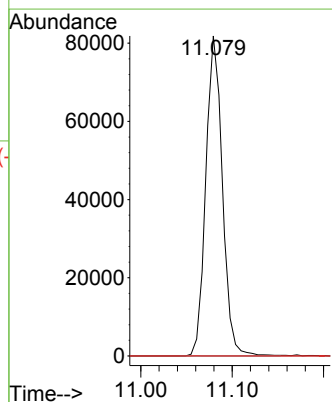
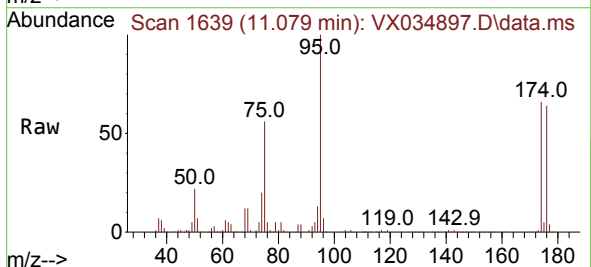
Instrument :
MSVOA_X
ClientSampleId :
MW-02

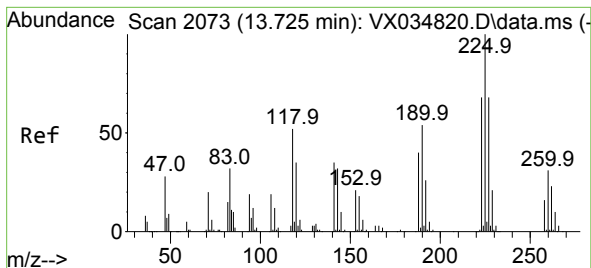
Tgt Ion: 75 Resp: 102865
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034897.D
Acq: 01 Apr 2023 03:04

Tgt Ion: 75 Resp: 102865
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.408 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034897.D

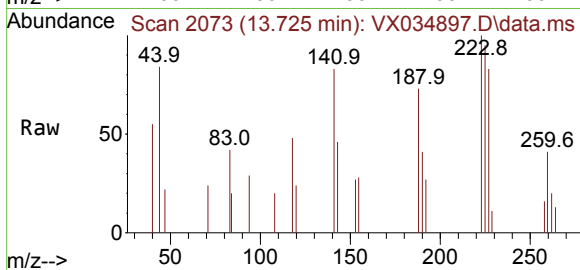
Acq: 01 Apr 2023 03:04

Instrument :

MSVOA_X

ClientSampleId :

MW-02



Tgt Ion:225 Resp: 563

Ion Ratio Lower Upper

225 100

223 68.4 32.1 96.5

227 79.0 31.8 95.4

