

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026778.D
 Acq On : 18 Aug 2023 18:34
 Operator : SY/MD
 Sample : 04037-02RE
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:47:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

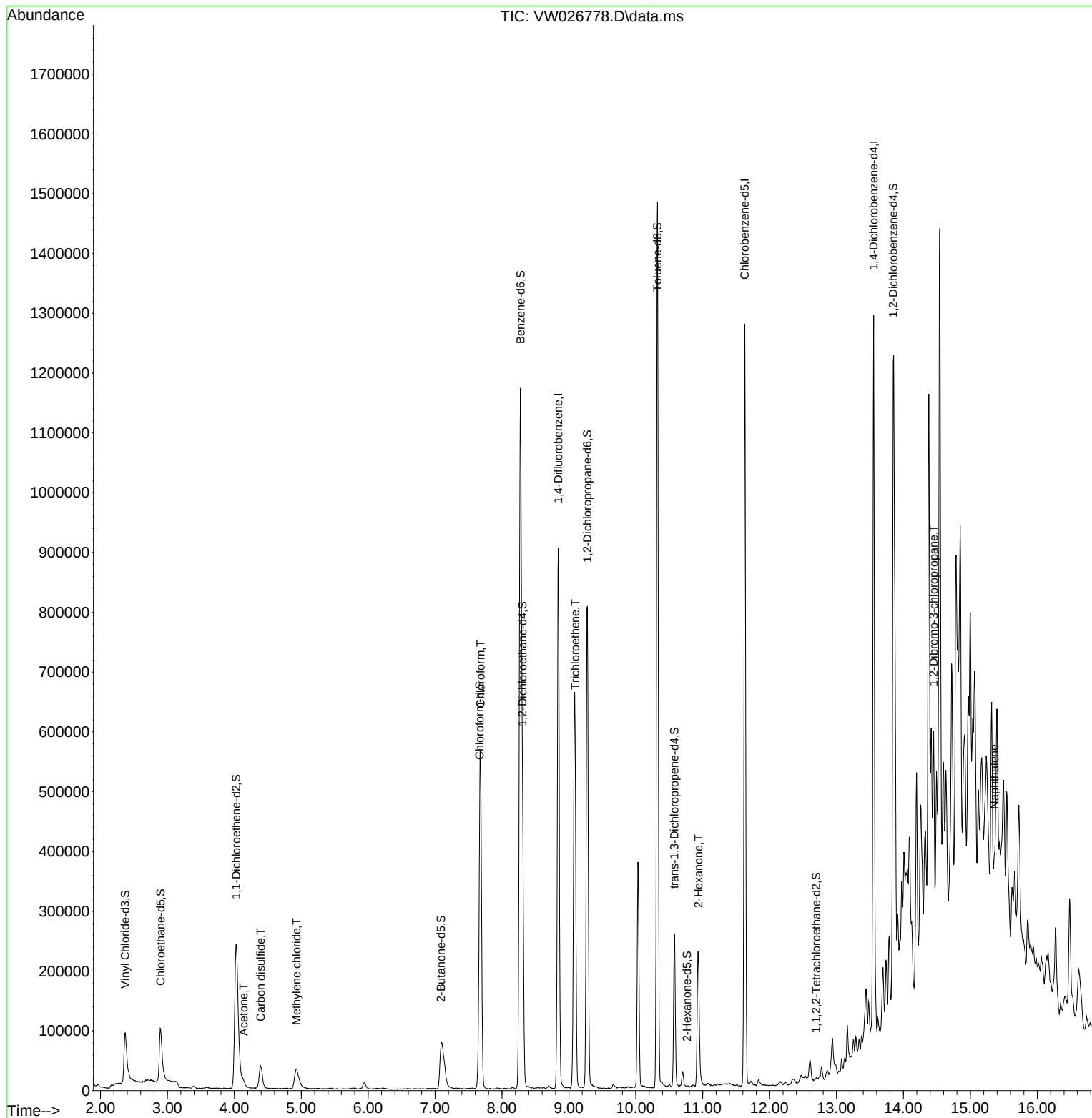
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	722260	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	652419	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	300271	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	178996	15.076	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	60.320%	
7) Chloroethane-d5	2.899	69	151631	17.174	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	68.680%	
11) 1,1-Dichloroethene-d2	4.027	65	112056	19.189	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	76.760%	
21) 2-Butanone-d5	7.087	46	98402	28.835	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	57.680%	
24) Chloroform-d	7.666	84	36122	1.490	ug/L	0.02
Spiked Amount	25.000	Range 40 - 150	Recovery	=	5.960%#	
26) 1,2-Dichloroethane-d4	8.307	65	340604	25.461	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	101.840%	
32) Benzene-d6	8.276	84	1172378	26.074	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	104.280%	
36) 1,2-Dichloropropane-d6	9.276	67	394896	28.195	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	112.760%	
41) Toluene-d8	10.325	98	956531	24.782	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	99.120%	
43) trans-1,3-Dichloroprop...	10.574	79	145352	25.135	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	100.560%	
47) 2-Hexanone-d5	10.763	63	28	0.019	ug/L	-0.16
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.040%#	
56) 1,1,2,2-Tetrachloroeth...	12.696	84	232	0.021	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	0.080%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	263891	24.554	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
13) Acetone	4.137	43	14017	4.131	ug/L	91
14) Carbon disulfide	4.393	76	94854	2.470	ug/L	99
16) Methylene chloride	4.929	84	36289	2.597	ug/L	92
25) Chloroform	7.679	83	547529	23.115	ug/L	99
34) Trichloroethene	9.093	95	158499	13.099	ug/L	97
48) 2-Hexanone	10.934	43	17856	3.100	ug/L #	76
68) 1,2-Dibromo-3-chloropr...	14.452	75	2140	1.219	ug/L #	22
71) Naphthalene	15.360	128	10245	0.483	ug/L #	90

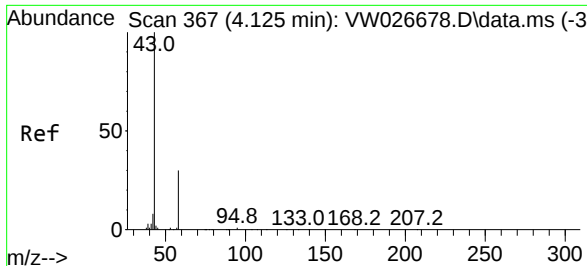
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration

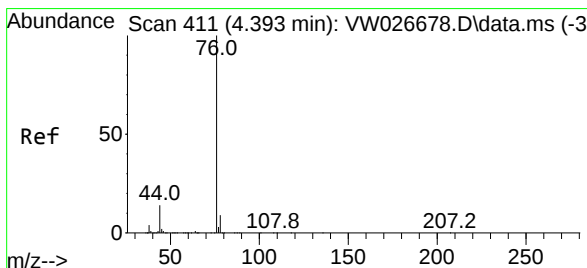
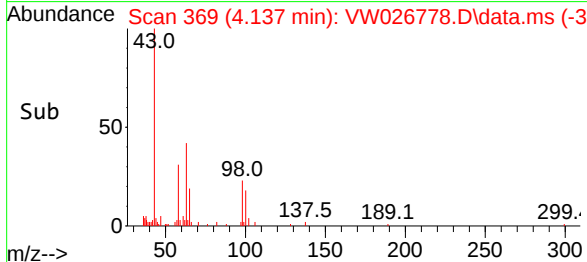
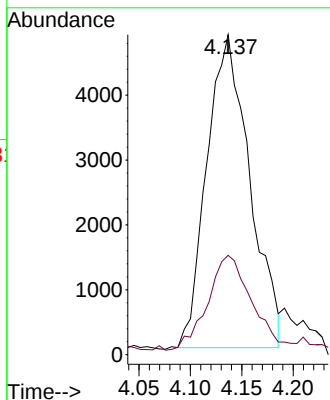
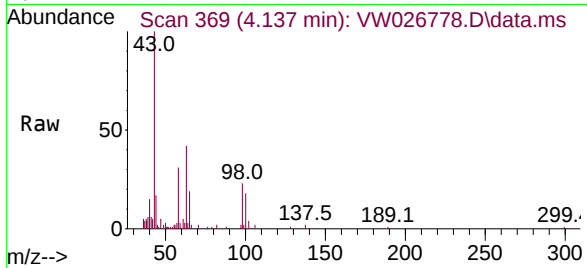




#13
Acetone
Concen: 4.131 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW026778.D
Acq: 18 Aug 2023 18:34

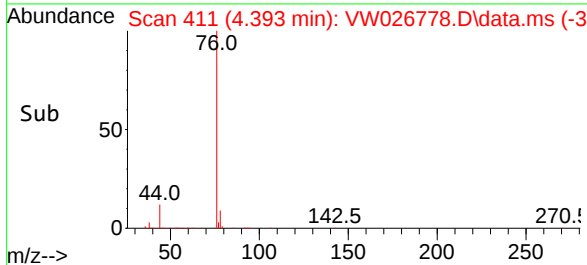
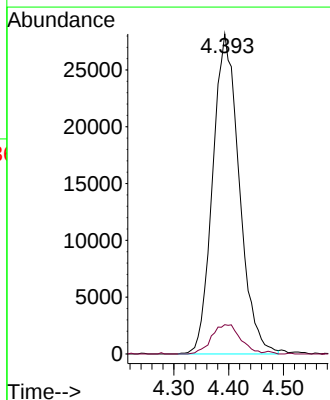
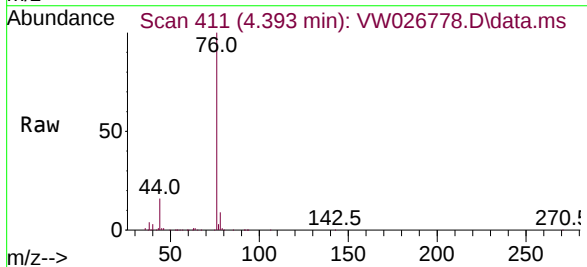
Instrument :
MSVOA_W
ClientSampleId :

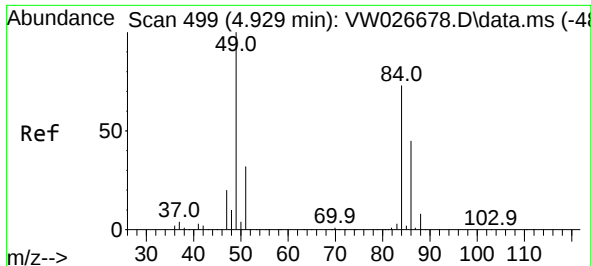
Tgt Ion: 43 Resp: 14017
Ion Ratio Lower Upper
43 100
58 33.6 0.0 57.4



#14
Carbon disulfide
Concen: 2.470 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026778.D
Acq: 18 Aug 2023 18:34

Tgt Ion: 76 Resp: 94854
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

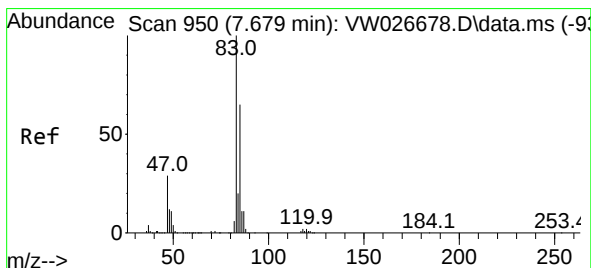
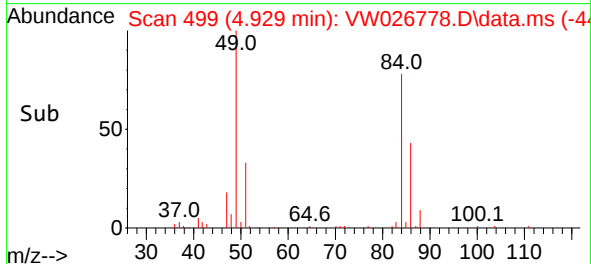
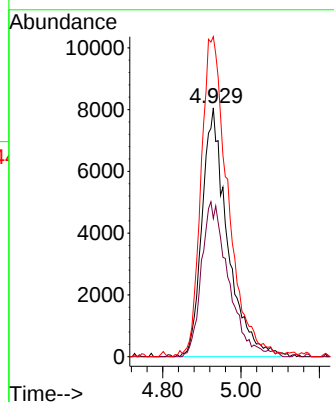
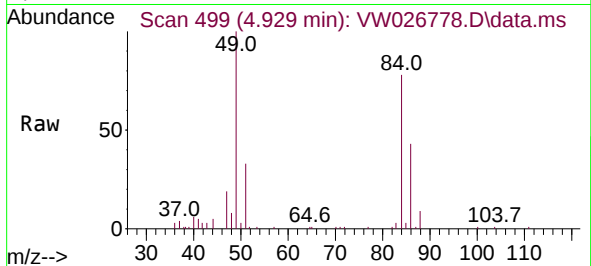




#16
Methylene chloride
Concen: 2.597 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026778.D
Acq: 18 Aug 2023 18:34

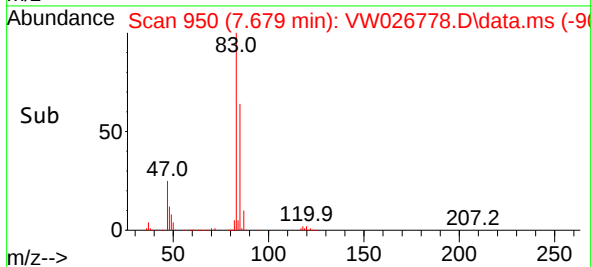
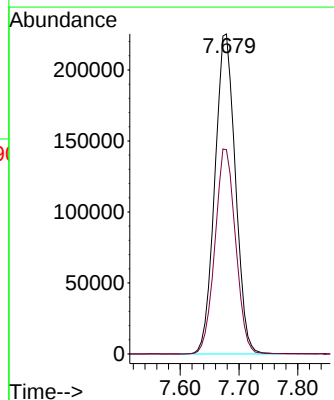
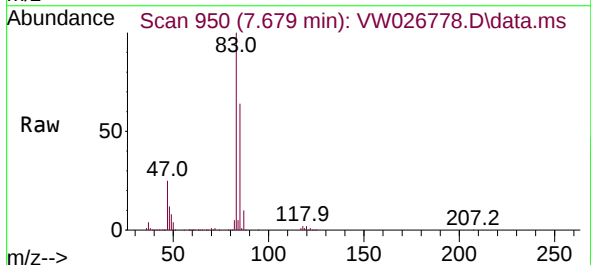
Instrument :
MSVOA_W
ClientSampleId :

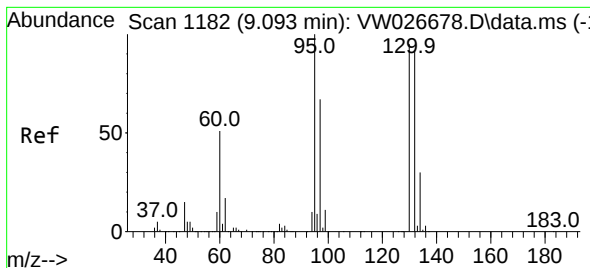
Tgt Ion: 84 Resp: 36289
Ion Ratio Lower Upper
84 100
86 55.5 43.5 80.9
49 128.6 96.0 178.2



#25
Chloroform
Concen: 23.115 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026778.D
Acq: 18 Aug 2023 18:34

Tgt Ion: 83 Resp: 547529
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2





#34

Trichloroethene

Concen: 13.099 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

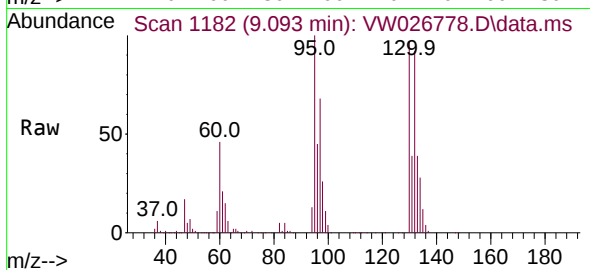
Lab File: VW026778.D

Acq: 18 Aug 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 158499

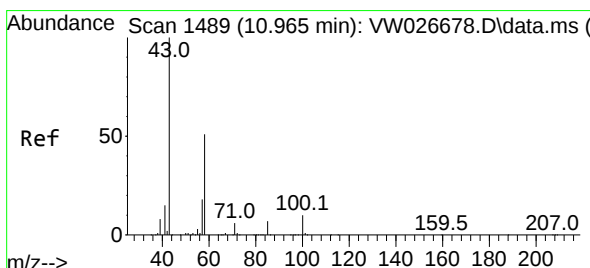
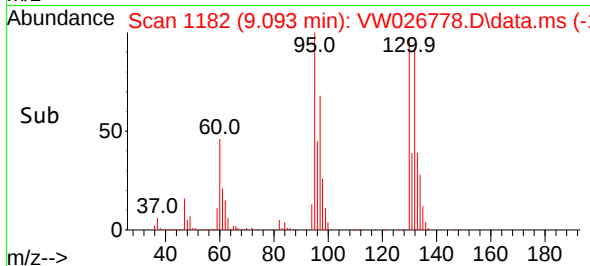
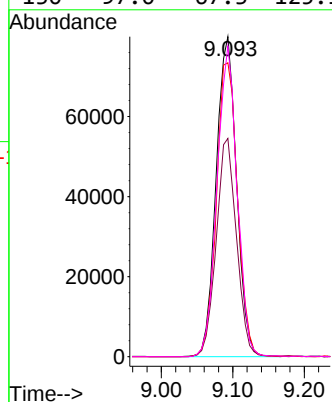
Ion Ratio Lower Upper

95 100

97 68.2 44.6 82.8

132 91.8 66.4 123.2

130 97.0 67.3 125.1



#48

2-Hexanone

Concen: 3.100 ug/L

RT: 10.934 min Scan# 1484

Delta R.T. -0.030 min

Lab File: VW026778.D

Acq: 18 Aug 2023 18:34

Tgt Ion: 43 Resp: 17856

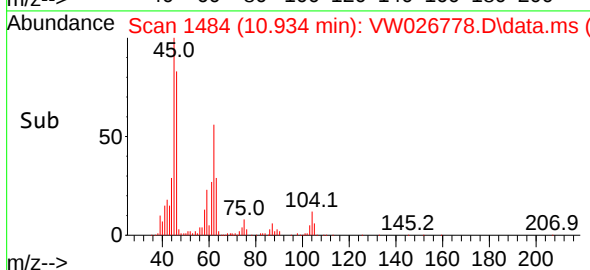
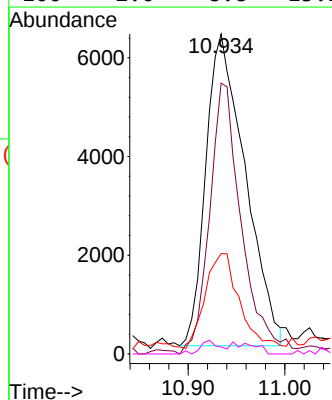
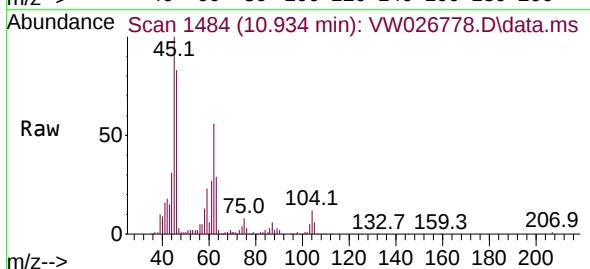
Ion Ratio Lower Upper

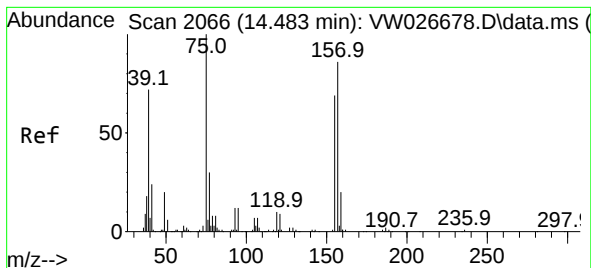
43 100

58 69.4 41.1 61.7#

57 26.2 14.3 21.5#

100 2.0 8.8 13.2#

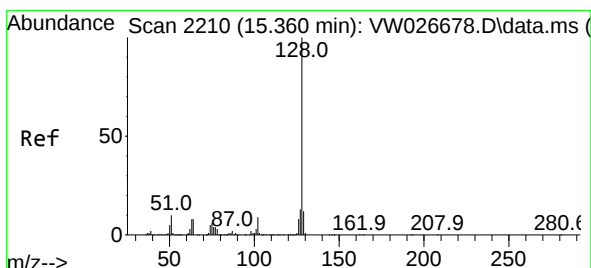
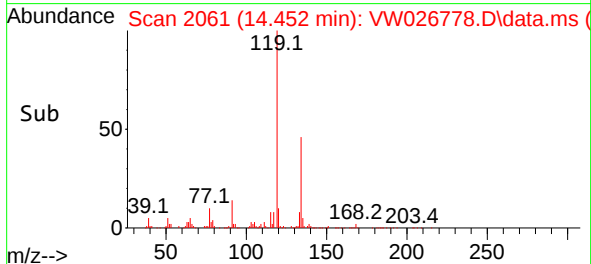
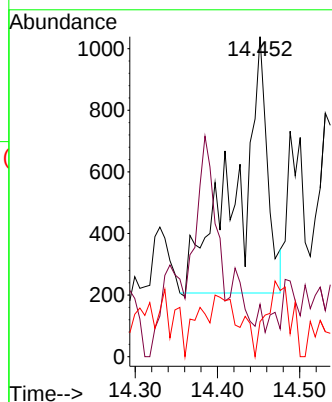
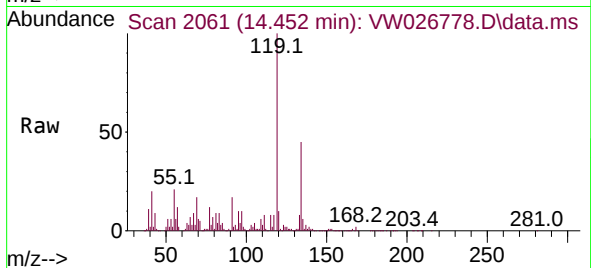




#68
1,2-Dibromo-3-chloropropane
Concen: 1.219 ug/L
RT: 14.452 min Scan# 2061
Delta R.T. -0.024 min
Lab File: VW026778.D
Acq: 18 Aug 2023 18:34

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2140
Ion Ratio Lower Upper
75 100
155 16.4 55.0 82.6#
157 11.0 77.8 116.6#



#71
Naphthalene
Concen: 0.483 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026778.D
Acq: 18 Aug 2023 18:34

Tgt Ion:128 Resp: 10245
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 18.9 9.0 13.4#

