

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052623\
 Data File : VW026058.D
 Acq On : 26 May 2023 11:10
 Operator : SY/MD
 Sample : 02950-07
 Misc : 3.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW984

Quant Time: May 26 23:16:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 23:14:25 2023
 Response via : Initial Calibration

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

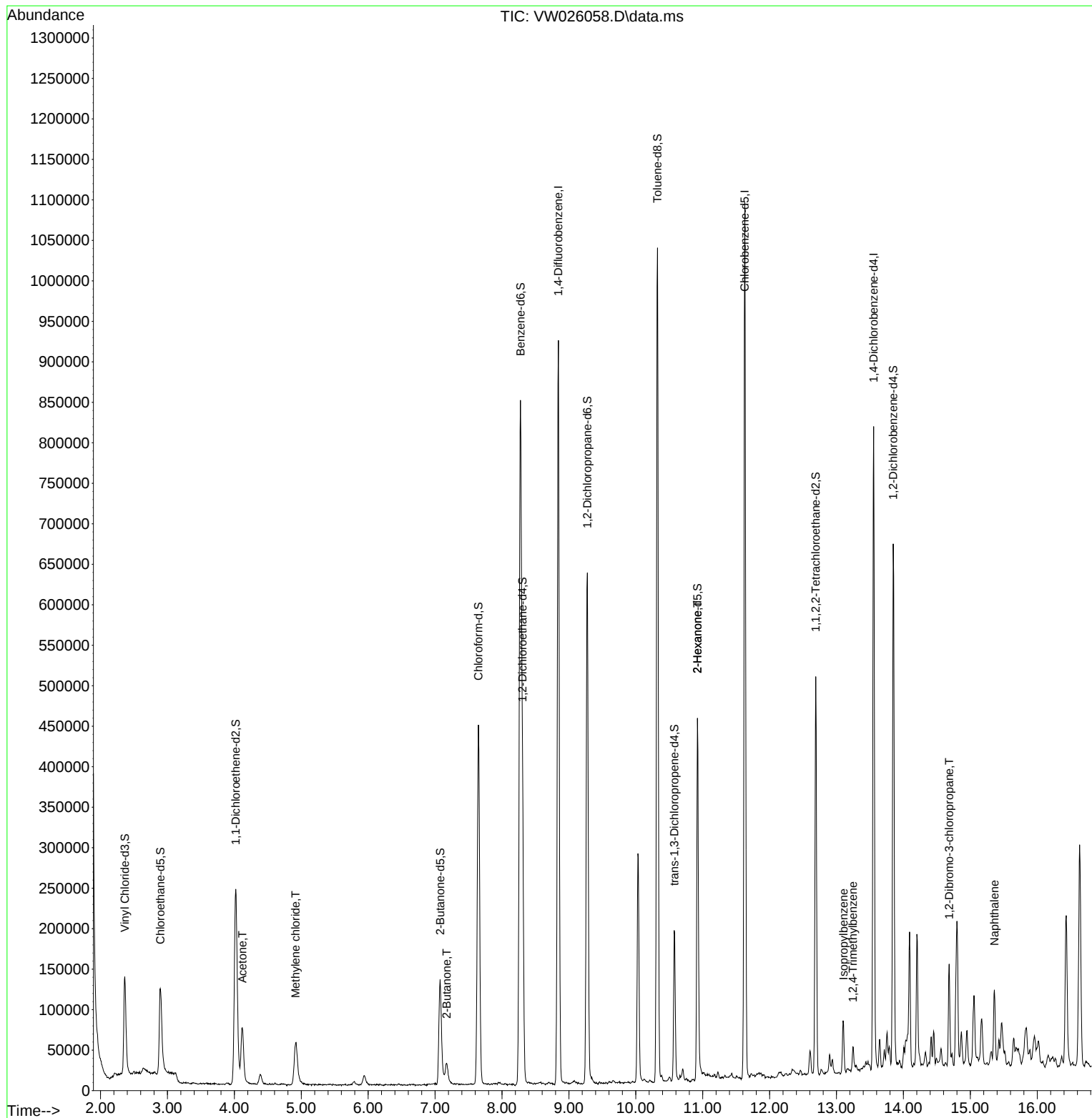
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	712092	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	537525	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	192512	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	176732	17.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.040%
7) Chloroethane-d5	2.893	69	164699	22.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.080%
11) 1,1-Dichloroethene-d2	4.021	65	90983	18.006	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.040%
21) 2-Butanone-d5	7.075	46	230364	69.056	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.120%#
24) Chloroform-d	7.648	84	442861	21.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.280%
26) 1,2-Dichloroethane-d4	8.307	65	280517	24.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.640%
32) Benzene-d6	8.276	84	841528	23.959	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	9.276	67	287653	25.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.400%
41) Toluene-d8	10.324	98	663890	21.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	10.574	79	101373	22.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	10.922	63	150438	78.506	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.020%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244724	28.572	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	151754	21.624	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.480%
Target Compounds					Qvalue	
13) Acetone	4.118	43	124137	41.967	ug/L	99
16) Methylene chloride	4.917	84	43772	2.981	ug/L	98
22) 2-Butanone	7.173	43	47668	11.671	ug/L	96
48) 2-Hexanone	10.922	43	21365	4.497	ug/L #	65
60) Isopropylbenzene	13.104	105	39344	1.345	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	15940	0.745	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.683	75	1445	1.370	ug/L #	21
71) Naphthalene	15.360	128	75721	5.727	ug/L	98

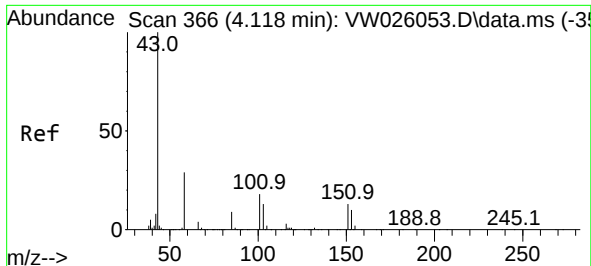
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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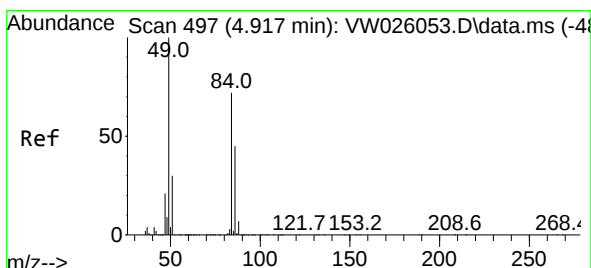
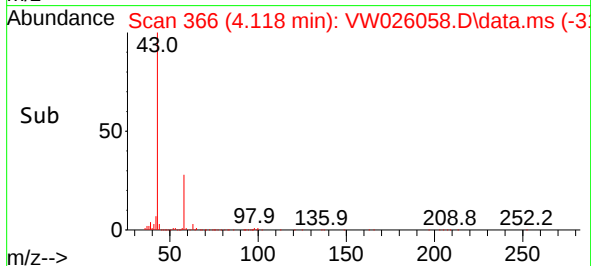
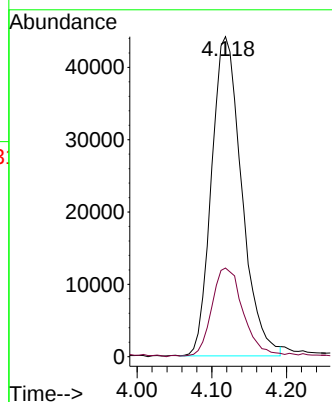
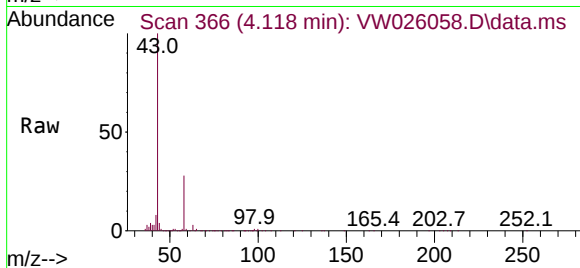




#13
Acetone
Concen: 41.967 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026058.D
Acq: 26 May 2023 11:10

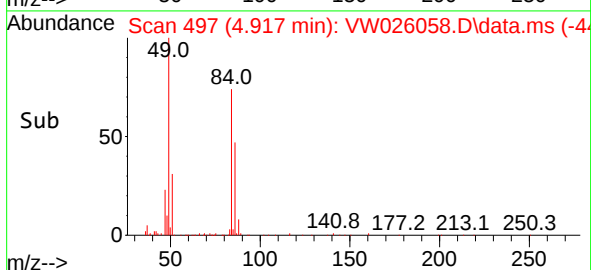
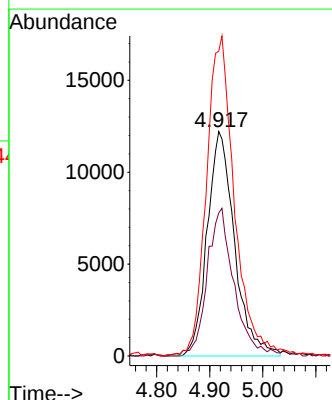
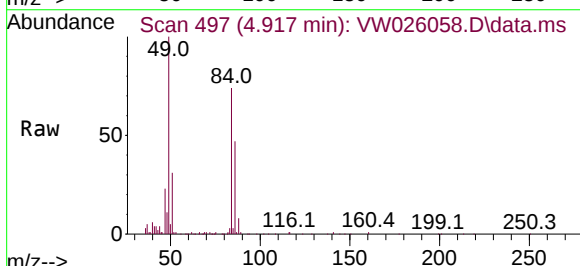
Instrument :
MSVOA_W
ClientSampleId :
EW984

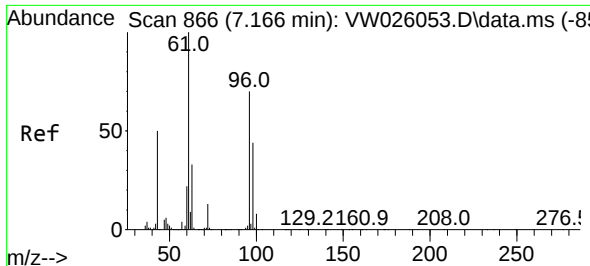
Tgt Ion: 43 Resp: 124137
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.2



#16
Methylene chloride
Concen: 2.981 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026058.D
Acq: 26 May 2023 11:10

Tgt Ion: 84 Resp: 43772
Ion Ratio Lower Upper
84 100
86 63.7 41.7 77.5
49 135.8 95.3 177.1

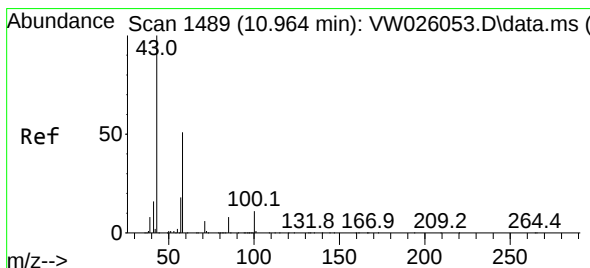
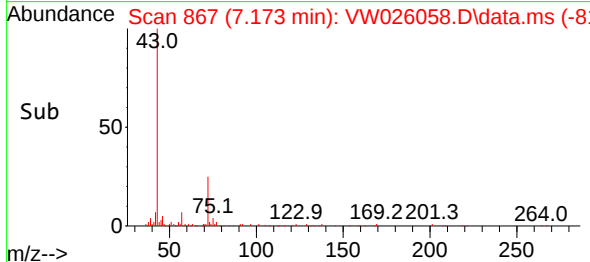
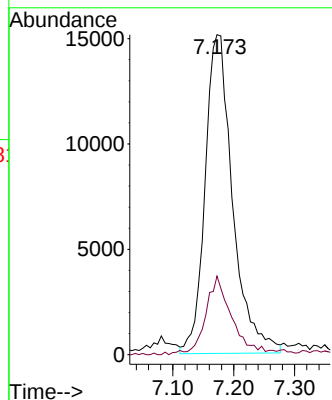
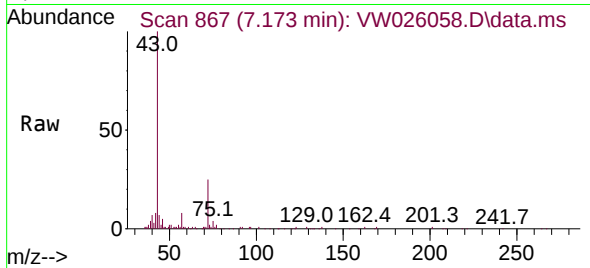




#22
2-Butanone
Concen: 11.671 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026058.D
Acq: 26 May 2023 11:10

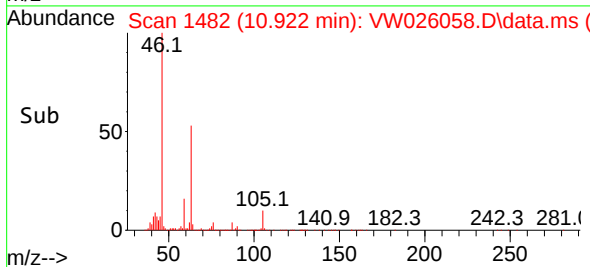
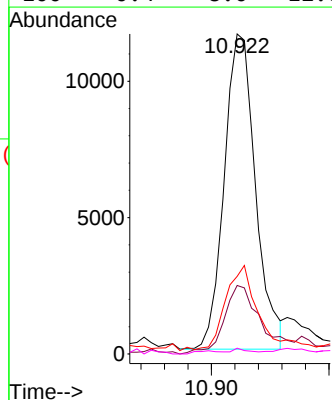
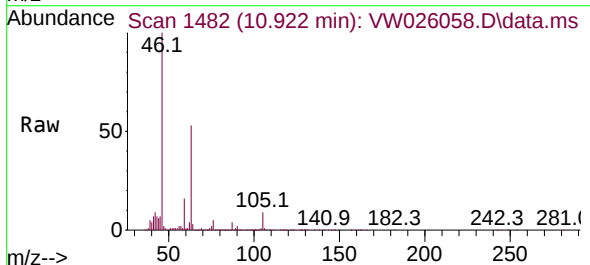
Instrument :
MSVOA_W
ClientSampleId :
EW984

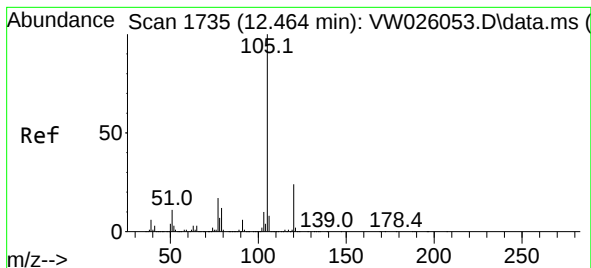
Tgt Ion: 43 Resp: 47668
Ion Ratio Lower Upper
43 100
72 21.7 11.8 35.4



#48
2-Hexanone
Concen: 4.497 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW026058.D
Acq: 26 May 2023 11:10

Tgt Ion: 43 Resp: 21365
Ion Ratio Lower Upper
43 100
58 22.0 40.8 61.2#
57 25.9 13.6 20.4#
100 0.4 8.0 12.0#





#60

Isopropylbenzene

Concen: 1.345 ug/L

RT: 13.104 min Scan# 1840

Delta R.T. 0.640 min

Lab File: VW026058.D

Acq: 26 May 2023 11:10

Instrument :

MSVOA_W

ClientSampleId :

EW984

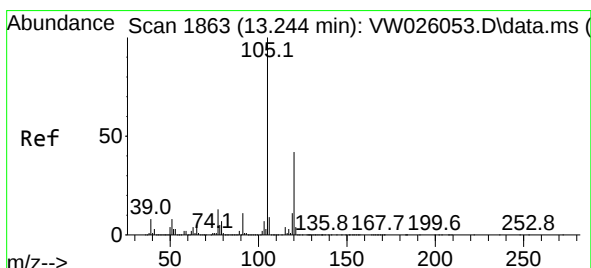
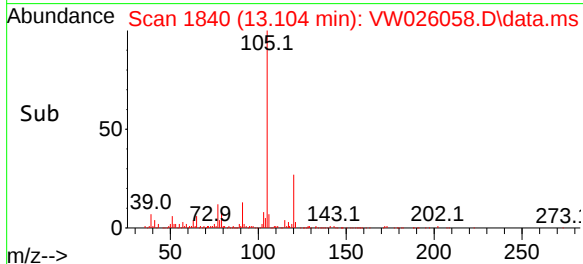
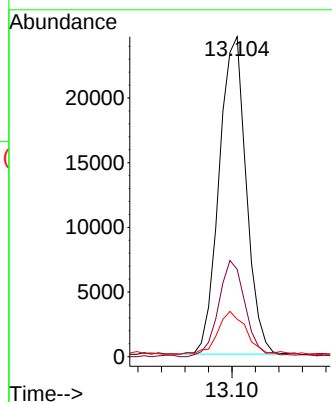
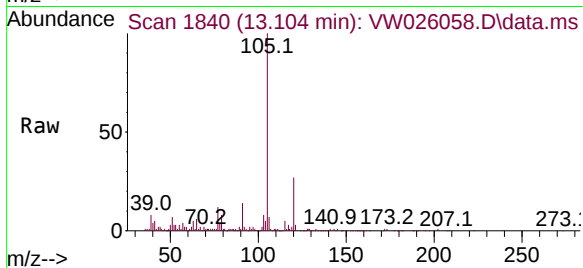
Tgt Ion:105 Resp: 39344

Ion Ratio Lower Upper

105 100

120 30.2 21.1 31.7

77 14.0 13.4 20.0



#63

1,2,4-Trimethylbenzene

Concen: 0.745 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026058.D

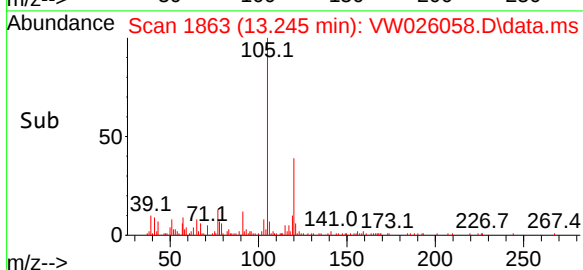
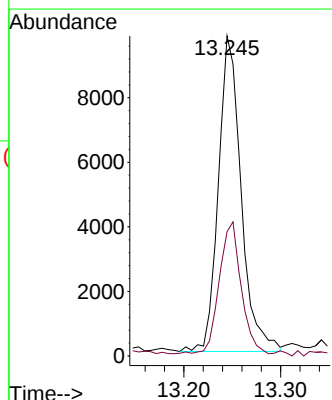
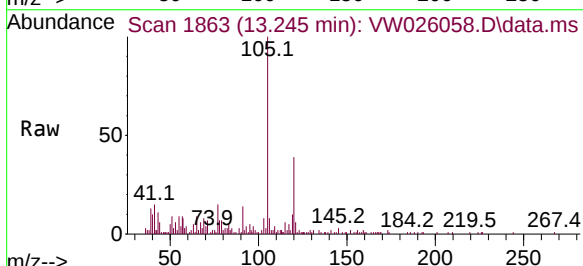
Acq: 26 May 2023 11:10

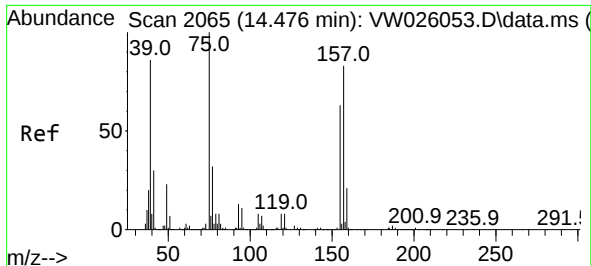
Tgt Ion:105 Resp: 15940

Ion Ratio Lower Upper

105 100

120 39.9 34.7 52.1

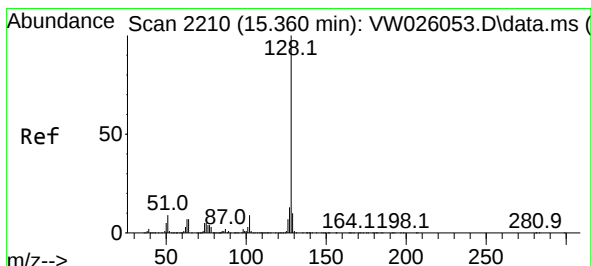
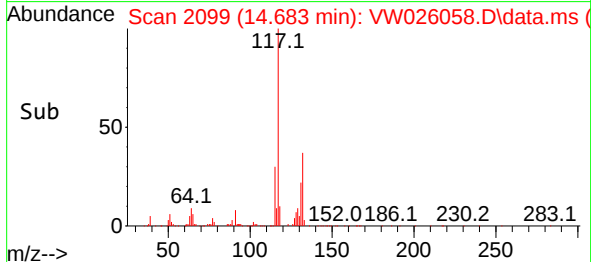
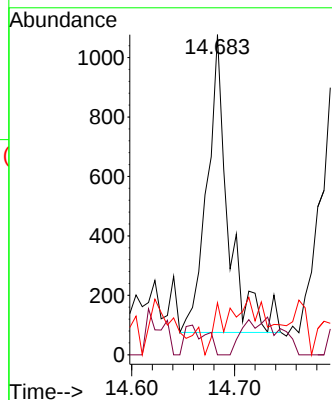
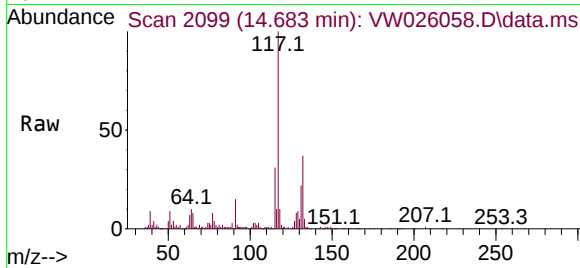




#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.370 ug/L
 RT: 14.683 min Scan# 2065
 Delta R.T. 0.207 min
 Lab File: VW026058.D
 Acq: 26 May 2023 11:10

Instrument :
 MSVOA_W
 ClientSampleId :
 EW984

Tgt Ion: 75 Resp: 1445
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.3 84.5#
 157 16.2 66.3 99.5#



#71
 Naphthalene
 Concen: 5.727 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW026058.D
 Acq: 26 May 2023 11:10

Tgt Ion: 128 Resp: 75721
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.5 15.7
 129 11.6 8.5 12.7

