

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026971.D
 Acq On : 31 Aug 2023 12:41
 Operator : SY/MD
 Sample : 04235-09
 Misc : 6.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 01 00:46:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 01 00:44:05 2023
 Response via : Initial Calibration

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

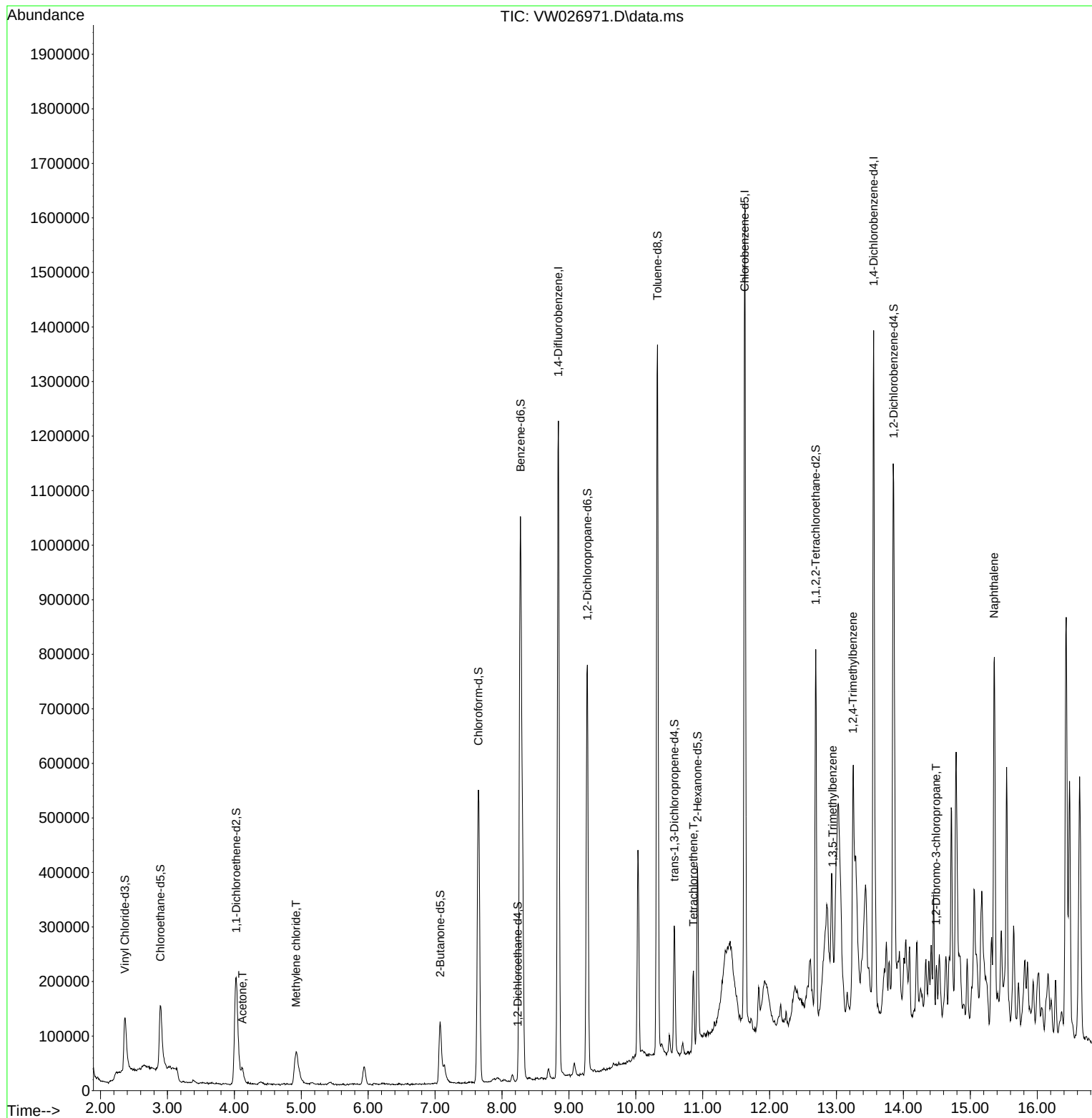
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1013754	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	827854	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	326998	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194760	11.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.760%
7) Chloroethane-d5	2.893	69	212393	17.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.560%
11) 1,1-Dichloroethene-d2	4.027	65	83007	10.127	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.520%#
21) 2-Butanone-d5	7.075	46	190806	39.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.680%
24) Chloroform-d	7.648	84	578707	17.009	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.040%
26) 1,2-Dichloroethane-d4	8.233	65	222	0.012	ug/L	-0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	1086569	19.044	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.160%
36) 1,2-Dichloropropane-d6	9.276	67	370279	20.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.320%
41) Toluene-d8	10.325	98	902419	18.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.720%
43) trans-1,3-Dichloroprop...	10.575	79	136237	18.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.280%
47) 2-Hexanone-d5	10.922	63	117661	63.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	353602	25.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	13.854	152	258266	22.066	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.280%
Target Compounds						Qvalue
13) Acetone	4.118	43	39240	8.239	ug/L	86
16) Methylene chloride	4.923	84	68238	3.480	ug/L	89
46) Tetrachloroethene	10.861	164	34035	3.051	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	40574	1.056	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	161698	4.294	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.488	75	1521	0.795	ug/L #	52
71) Naphthalene	15.354	128	583898	25.275	ug/L	99

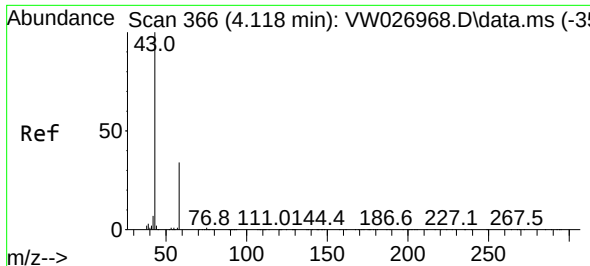
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 01 00:44:05 2023
Response via : Initial Calibration

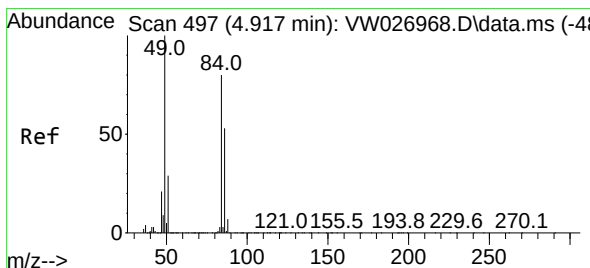
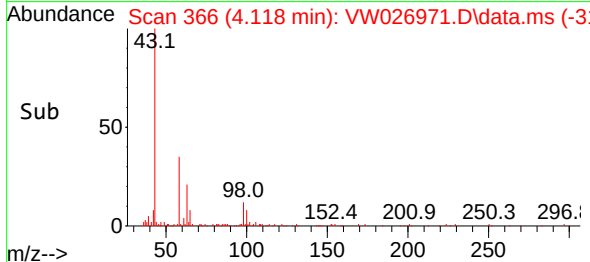
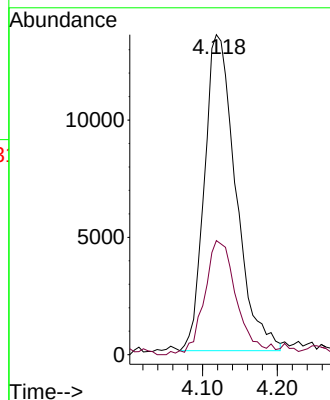
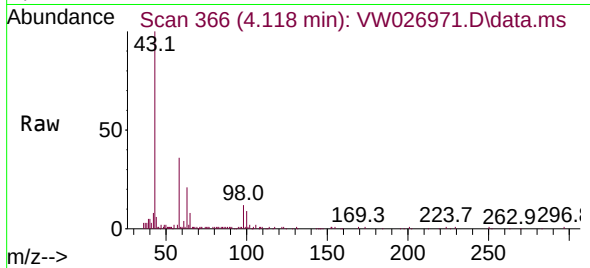




#13
Acetone
Concen: 8.239 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026971.D
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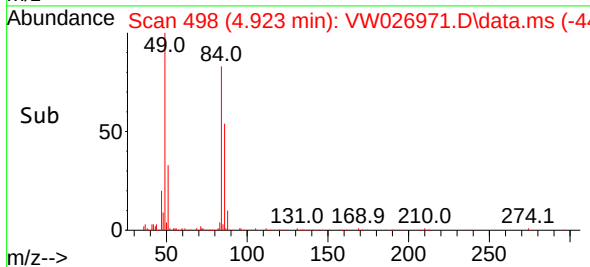
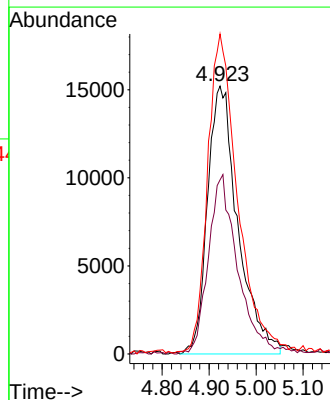
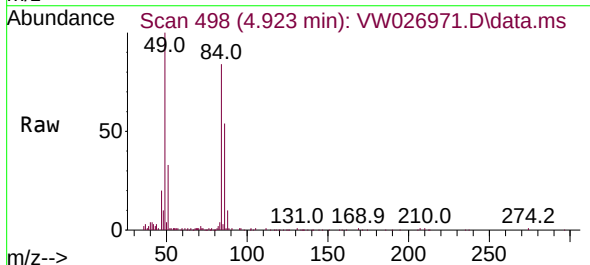
Instrument :
MSVOA_W
ClientSampleId :

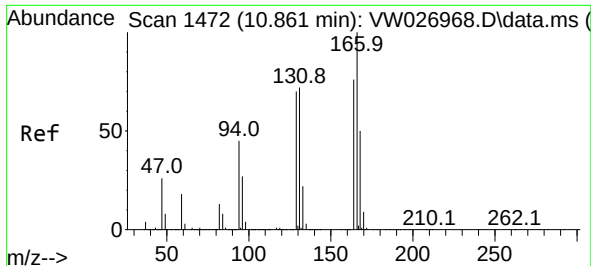
Tgt Ion: 43 Resp: 39240
Ion Ratio Lower Upper
43 100
58 36.1 0.0 57.4



#16
Methylene chloride
Concen: 3.480 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026971.D
Acq: 31 Aug 2023 12:41

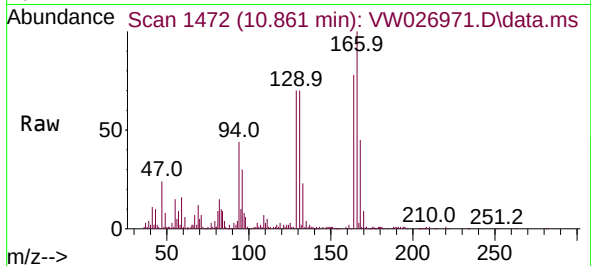
Tgt Ion: 84 Resp: 68238
Ion Ratio Lower Upper
84 100
86 65.0 43.5 80.9
49 119.5 96.0 178.2



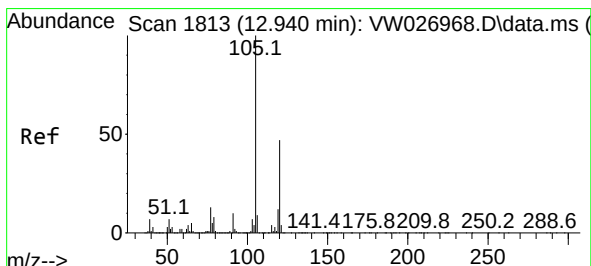
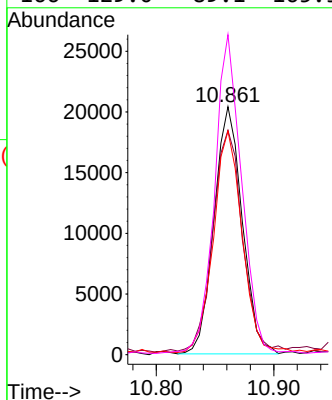
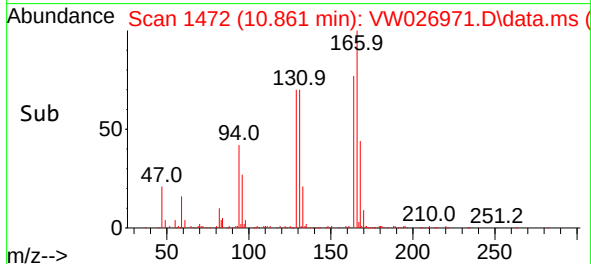


#46
Tetrachloroethene
Concen: 3.051 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026971.D
Acq: 31 Aug 2023 12:41

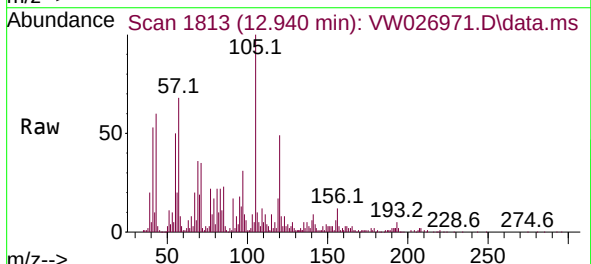
Instrument :
MSVOA_W
ClientSampleId :



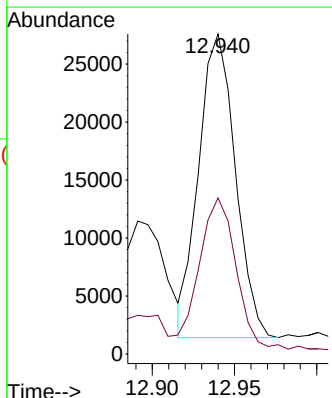
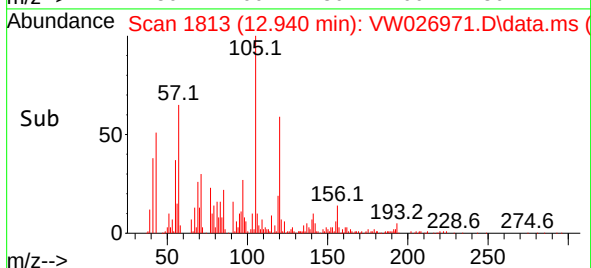
Tgt Ion:164 Resp: 34035
Ion Ratio Lower Upper
164 100
129 90.5 68.1 126.5
131 90.1 65.5 121.7
166 129.0 89.1 165.5

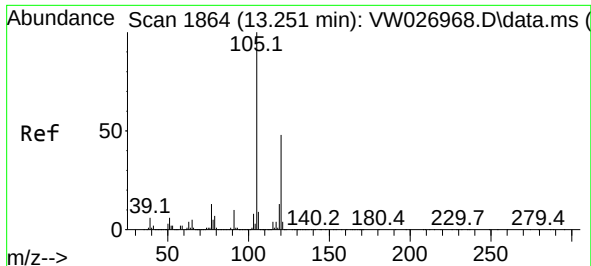


#62
1,3,5-Trimethylbenzene
Concen: 1.056 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026971.D
Acq: 31 Aug 2023 12:41



Tgt Ion:105 Resp: 40574
Ion Ratio Lower Upper
105 100
120 48.0 37.4 56.2

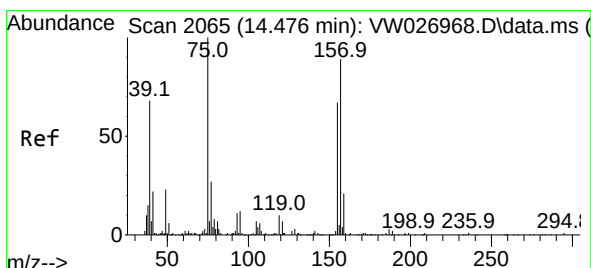
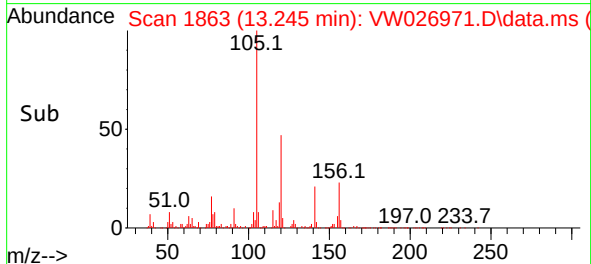
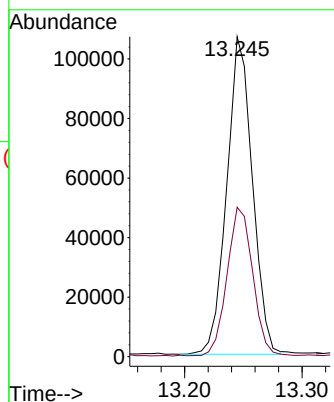
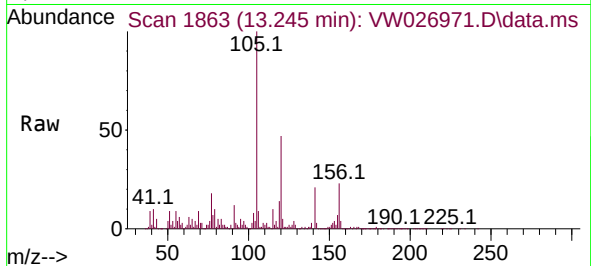




#63
1,2,4-Trimethylbenzene
Concen: 4.294 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026971.D
Acq: 31 Aug 2023 12:41

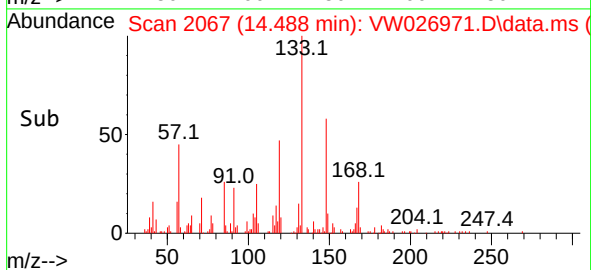
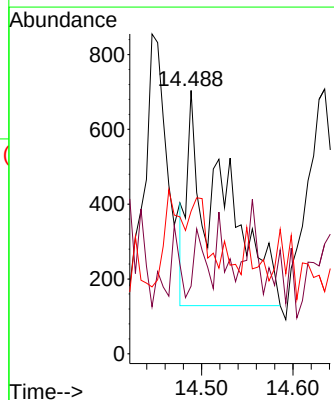
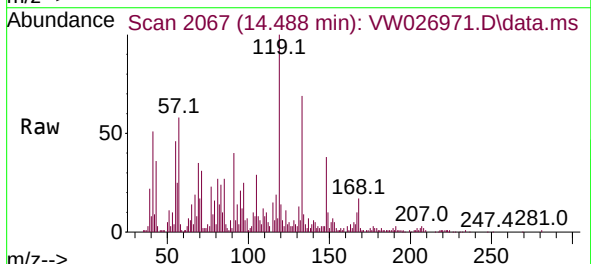
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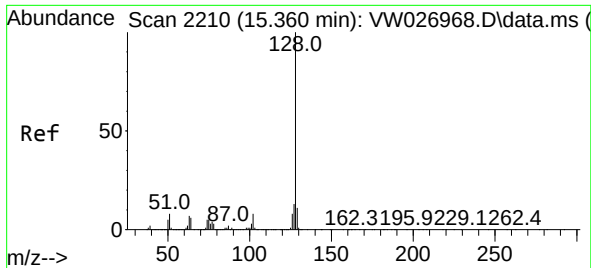
Tgt Ion:105 Resp: 161698
Ion Ratio Lower Upper
105 100
120 46.5 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.795 ug/L
RT: 14.488 min Scan# 2067
Delta R.T. 0.012 min
Lab File: VW026971.D
Acq: 31 Aug 2023 12:41

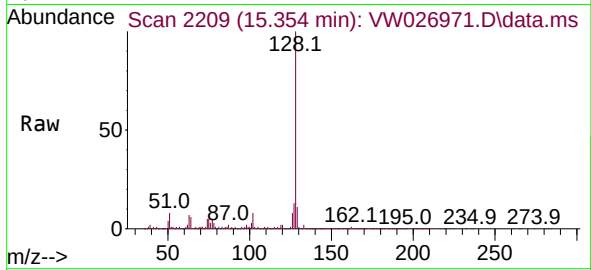
Tgt Ion: 75 Resp: 1521
Ion Ratio Lower Upper
75 100
155 25.7 55.0 82.6#
157 54.1 77.8 116.6#





#71
Naphthalene
Concen: 25.275 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026971.D
Acq: 31 Aug 2023 12:41

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 583898
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.3 9.0 13.4

