

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023342.D
 Acq On : 26 May 2022 00:40
 Operator : SY/VA
 Sample : N2995-08RE
 Misc : 4.03g/17mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR1

Quant Time: May 26 05:16:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 04:46:06 2022
 Response via : Initial Calibration

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

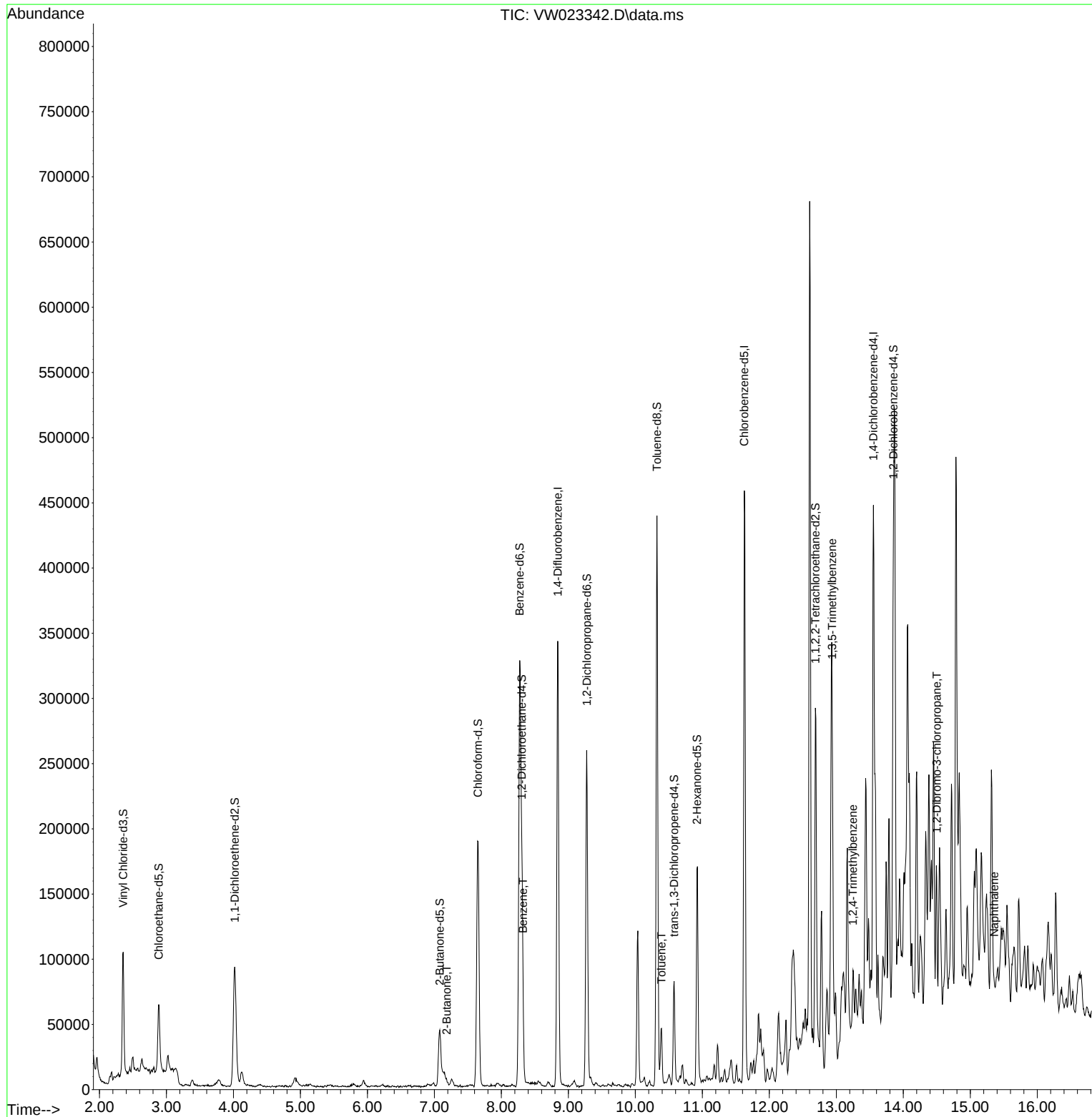
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	274528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	252439	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	93844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84677	15.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.120%
7) Chloroethane-d5	2.885	69	57910	15.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.200%
11) 1,1-Dichloroethene-d2	4.019	63	91049	12.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.040%
21) 2-Butanone-d5	7.080	46	71782	67.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.060%
24) Chloroform-d	7.653	84	194623	24.198	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	8.305	65	117884	26.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.880%
32) Benzene-d6	8.274	84	328456	22.574	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.280%
36) 1,2-Dichloropropane-d6	9.274	67	108268	26.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.960%
41) Toluene-d8	10.323	98	274160	19.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.040%
43) trans-1,3-Dichloroprop...	10.579	79	42887	22.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.160%
47) 2-Hexanone-d5	10.920	63	55036	70.536	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.080%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115914	30.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	76555	23.337	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%
Target Compounds						
					Qvalue	
22) 2-Butanone	7.183	43	3310	2.952	ug/L	94
33) Benzene	8.323	78	8417	0.566	ug/L	100
42) Toluene	10.390	91	31758	1.906	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	49406	6.908	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	27600	2.570	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.499	75	1293	3.155	ug/L #	15
71) Naphthalene	15.359	128	7615	1.143	ug/L #	94

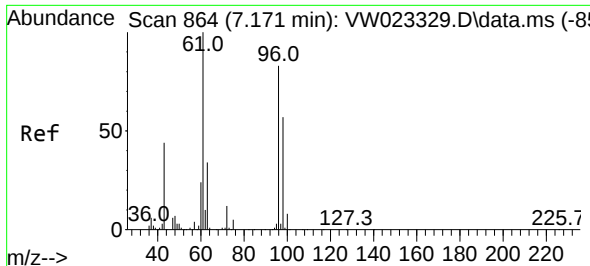
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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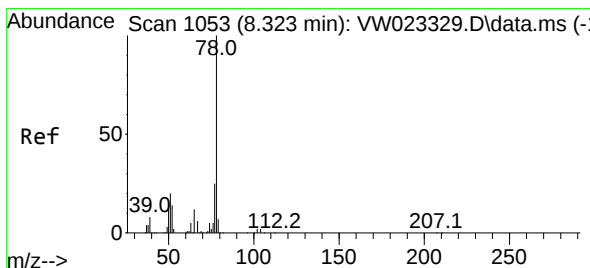
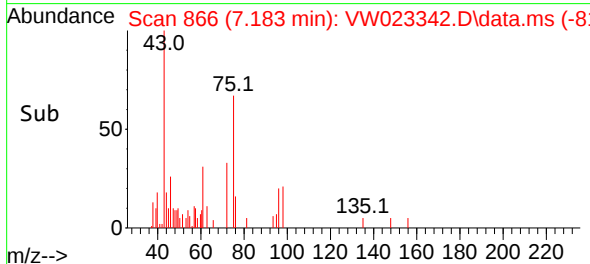
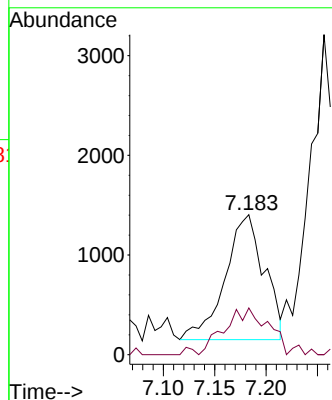
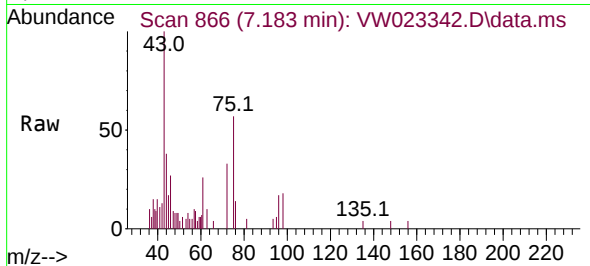




#22
2-Butanone
Concen: 2.952 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW023342.D
Acq: 26 May 2022 00:40

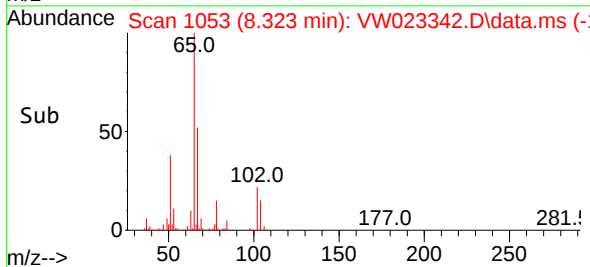
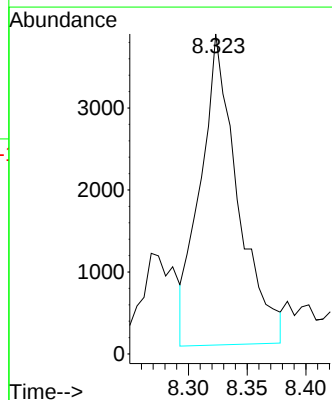
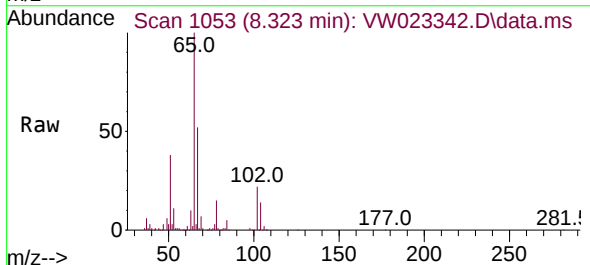
Instrument :
MSVOA_W
ClientSampleId :
GBGR1

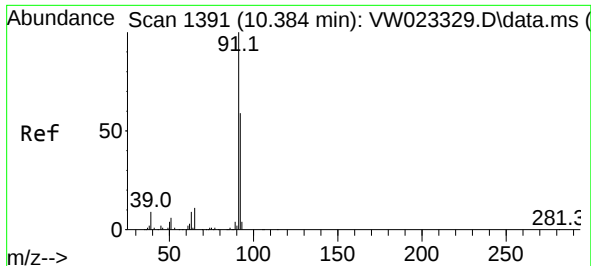
Tgt Ion: 43 Resp: 3310
Ion Ratio Lower Upper
43 100
72 33.4 15.1 45.3



#33
Benzene
Concen: 0.566 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023342.D
Acq: 26 May 2022 00:40

Tgt Ion: 78 Resp: 8417

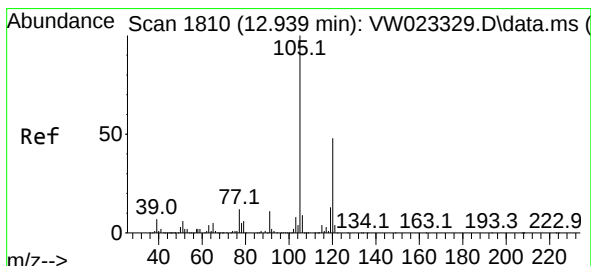
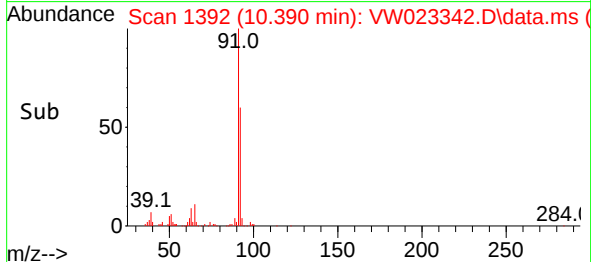
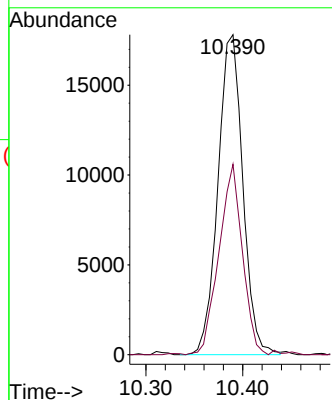
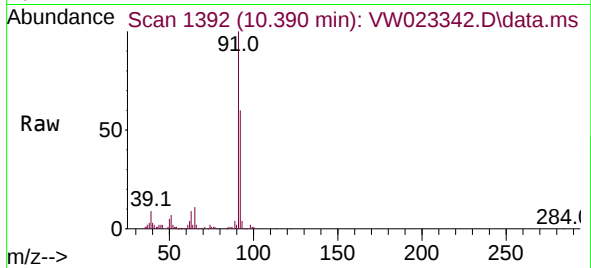




#42
Toluene
Concen: 1.906 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023342.D
Acq: 26 May 2022 00:40

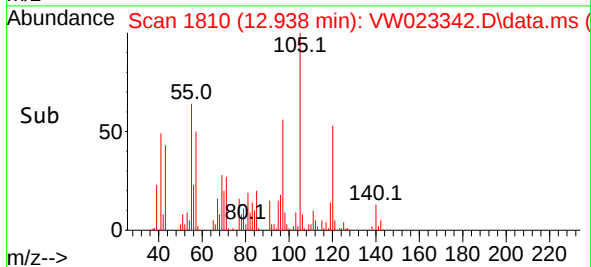
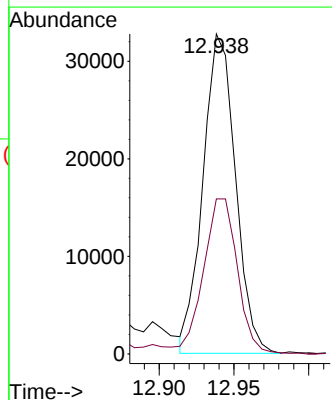
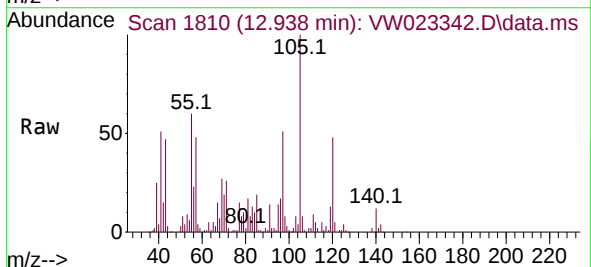
Instrument :
MSVOA_W
ClientSampleId :
GBGR1

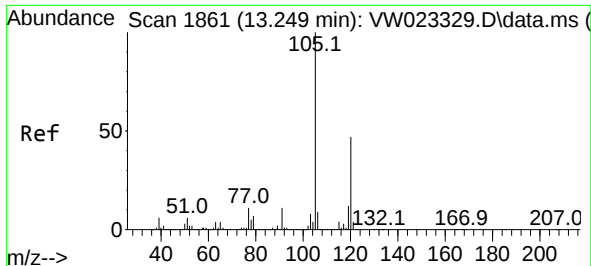
Tgt Ion: 91 Resp: 31758
Ion Ratio Lower Upper
91 100
92 59.5 41.6 77.2



#62
1,3,5-Trimethylbenzene
Concen: 6.908 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023342.D
Acq: 26 May 2022 00:40

Tgt Ion: 105 Resp: 49406
Ion Ratio Lower Upper
105 100
120 51.1 38.9 58.3

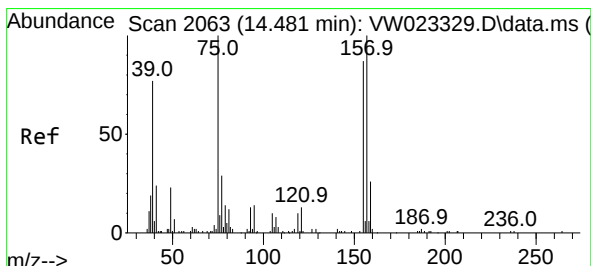
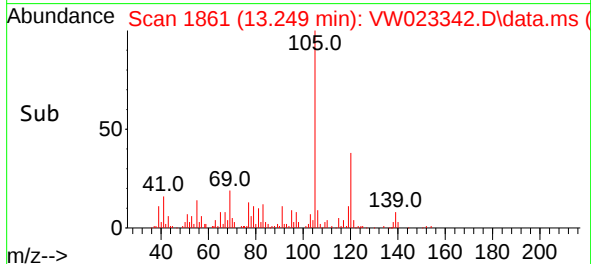
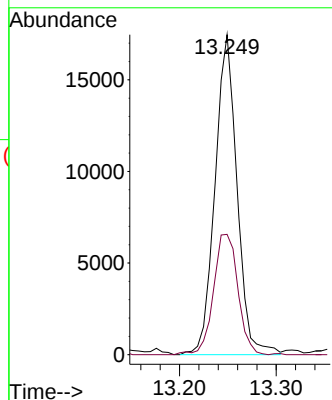
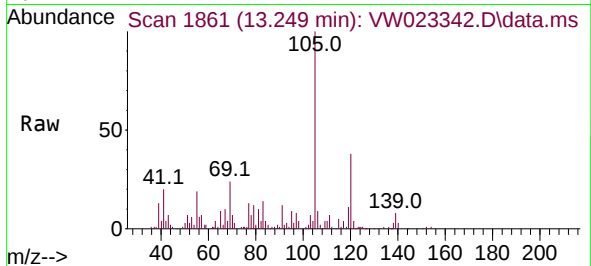




#63
1,2,4-Trimethylbenzene
Concen: 2.570 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023342.D
Acq: 26 May 2022 00:40

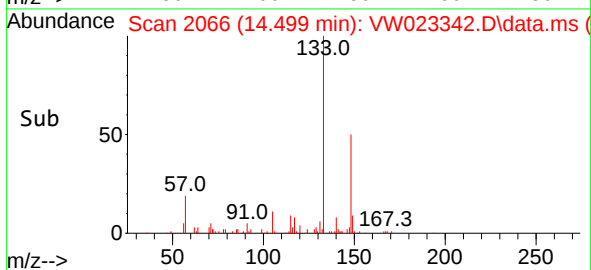
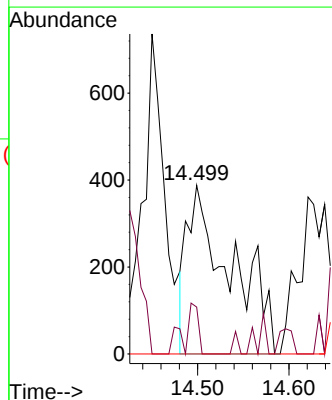
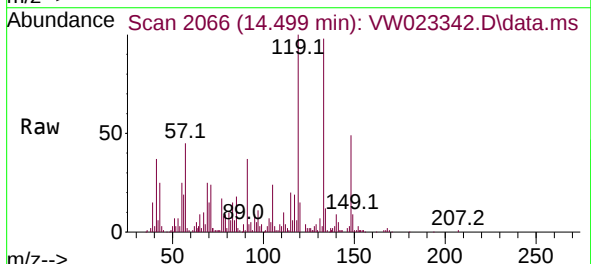
Instrument : MSVOA_W
ClientSampleId : GBGR1

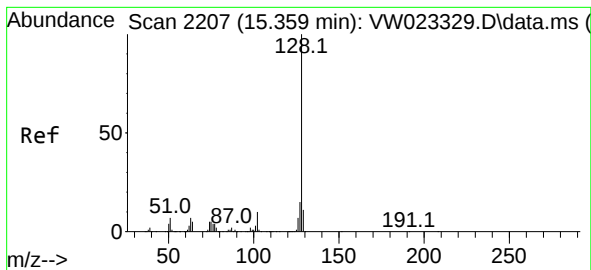
Tgt Ion:105 Resp: 27600
Ion Ratio Lower Upper
105 100
120 41.2 37.4 56.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.155 ug/L
RT: 14.499 min Scan# 2066
Delta R.T. 0.018 min
Lab File: VW023342.D
Acq: 26 May 2022 00:40

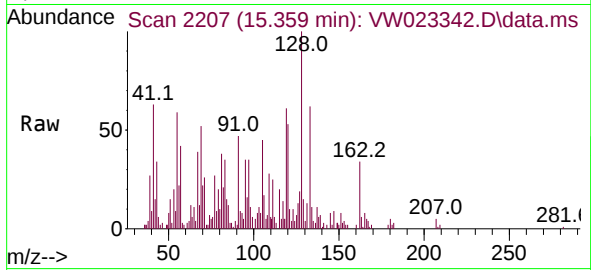
Tgt Ion: 75 Resp: 1293
Ion Ratio Lower Upper
75 100
155 27.8 59.3 88.9#
157 0.0 89.8 134.8#





#71
Naphthalene
Concen: 1.143 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023342.D
Acq: 26 May 2022 00:40

Instrument :
MSVOA_W
ClientSampleId :
GBGR1



Tgt Ion:128 Resp: 7615
Ion Ratio Lower Upper
128 100
127 12.1 10.6 16.0
129 7.0 8.7 13.1#

