

Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

Quant Time: Feb 04 06:57:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	127163	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	124107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	47489	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	20574	10.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.32%
7) Chloroethane-d5	2.88	69	32522	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.32%
10) 1,1-Dichloroethene-d2	4.02	63	48943	11.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.28%
20) 2-Butanone-d5	7.08	46	36075	48.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.38%
24) Chloroform-d	7.65	84	75613	18.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.72%
26) 1,2-Dichloroethane-d4	8.31	65	51775	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.00%
29) Benzene-d6	8.27	84	151699	17.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.36%
33) 1,2-Dichloropropane-d6	9.27	67	55842	19.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.88%
37) Toluene-d8	10.32	98	139323	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.96%
38) trans-1,3-Dichloropropene-	10.58	79	20732	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	10.93	63	29534	52.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53245	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	47913	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

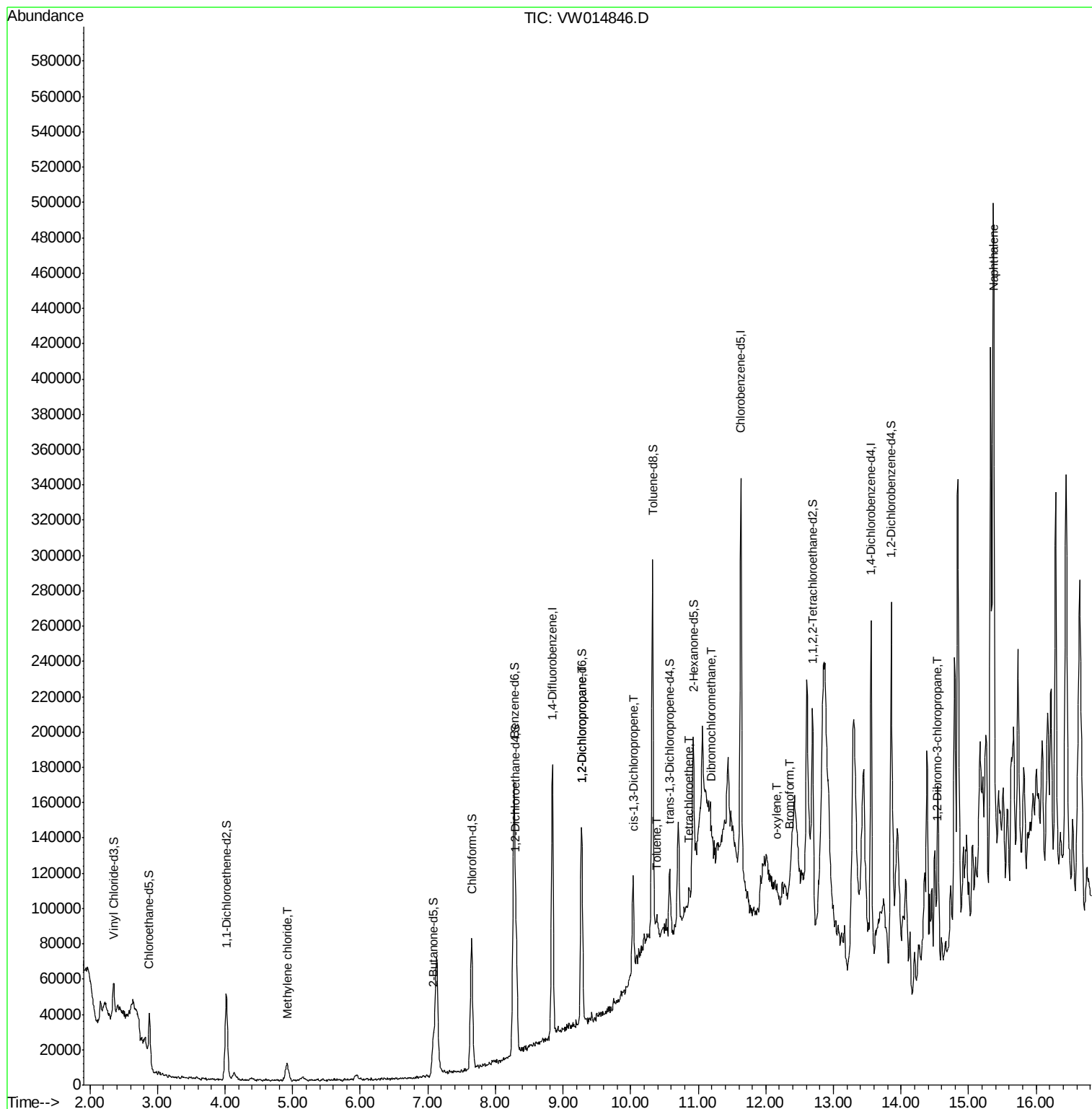
						Qvalue
16) Methylene chloride	4.91	84	3706	1.578	ug/L	93
40) 1,2-Dichloropropane	9.28	63	6669	2.845	ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	1536	0.471	ug/L #	1
44) Toluene	10.38	91	5586	0.642	ug/L #	66
47) Tetrachloroethene	10.86	164	1189	0.743	ug/L #	1
50) Dibromochloromethane	11.19	129	682	0.409	ug/L #	34
55) o-xylene	12.16	106	1829	0.569	ug/L	81
62) Bromoform	12.35	173	654	0.833	ug/L #	18
66) 1,2-Dibromo-3-chloropropan	14.52	75	4903	17.323	ug/L #	37
69) Naphthalene	15.36	128	334836	93.598	ug/L	99

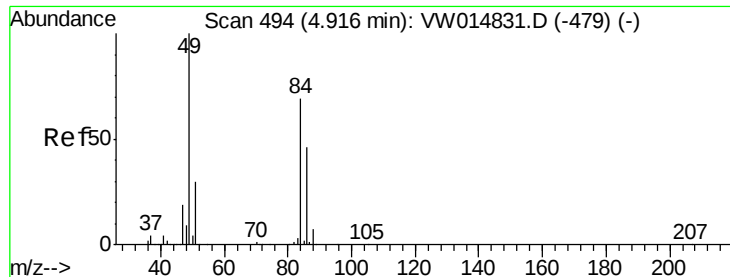
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014846.D
Acq On : 03 Feb 2020 20:27
Operator : SY/VA
Sample : L1323-13
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT51

Quant Time: Feb 04 06:57:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration

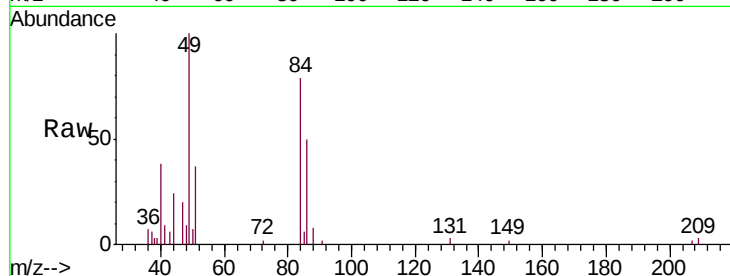




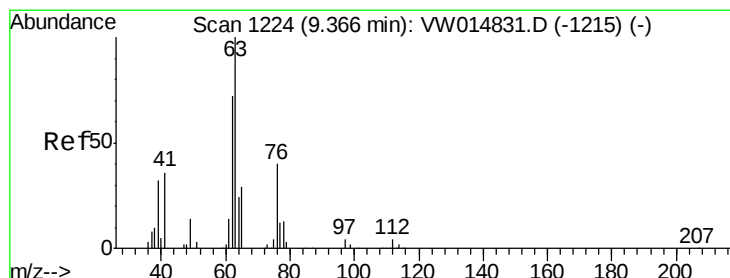
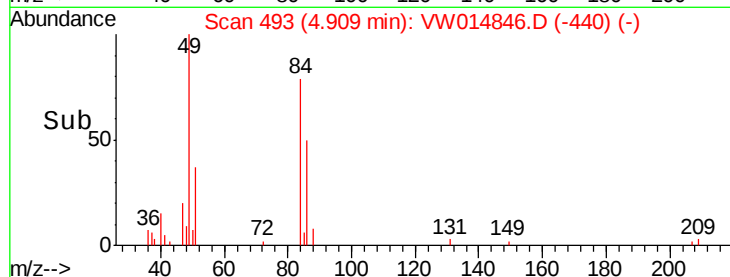
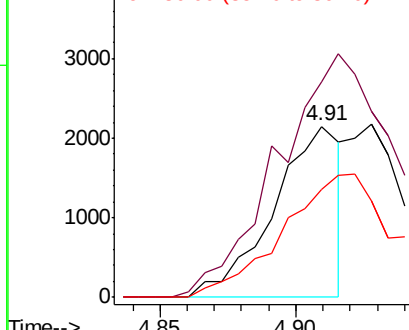
#16
Methylene chloride
Concen: 1.578 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014846.D
Acq: 03 Feb 2020 20:27

Instrument :
MSVOA_W
ClientSampleId :
GAT51

Tgt Ion: 84 Resp: 3706
Ion Ratio Lower Upper
84 100
49 126.2 96.6 179.4
86 63.1 43.8 81.4

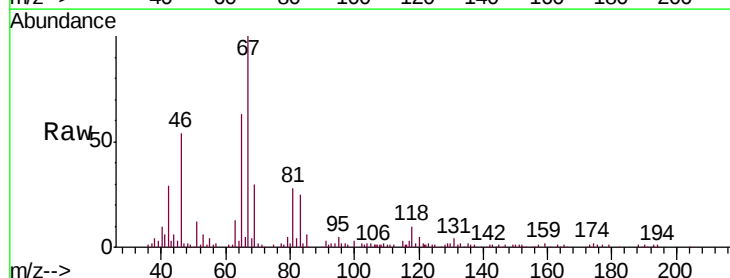


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

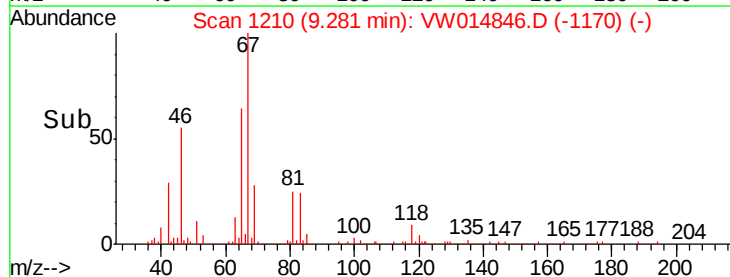
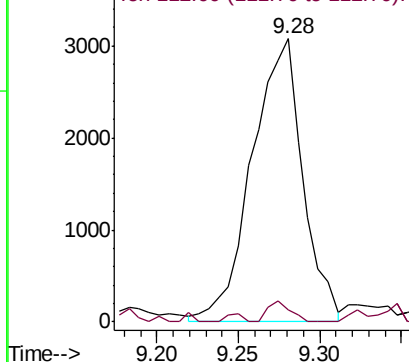


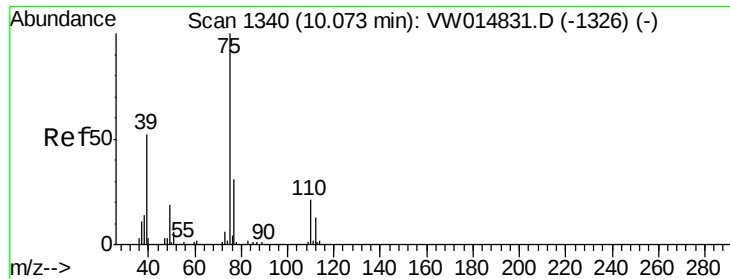
#40
1,2-Dichloropropane
Concen: 2.845 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW014846.D
Acq: 03 Feb 2020 20:27

Tgt Ion: 63 Resp: 6669
Ion Ratio Lower Upper
63 100
112 3.3 3.2 4.8



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.471 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014846.D

Acq: 03 Feb 2020 20:27

Instrument :

MSVOA_W

ClientSampleId :

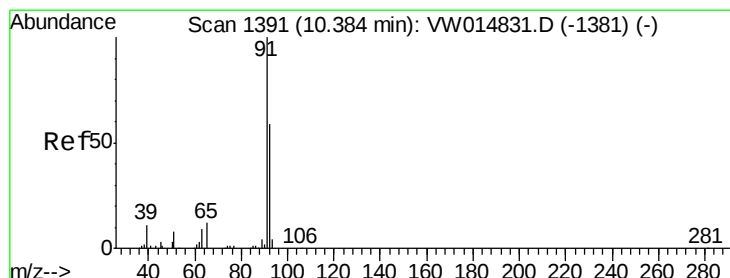
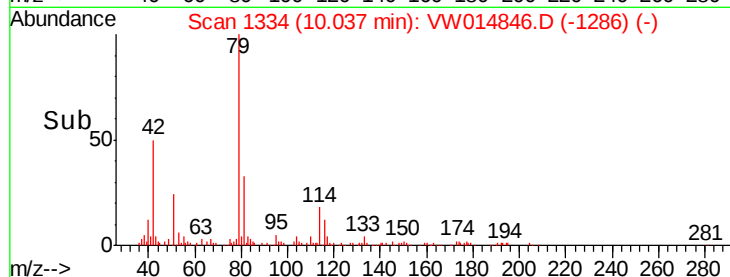
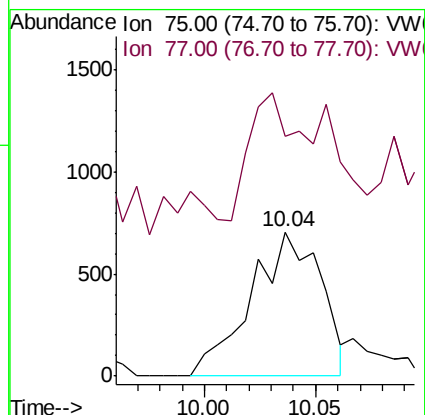
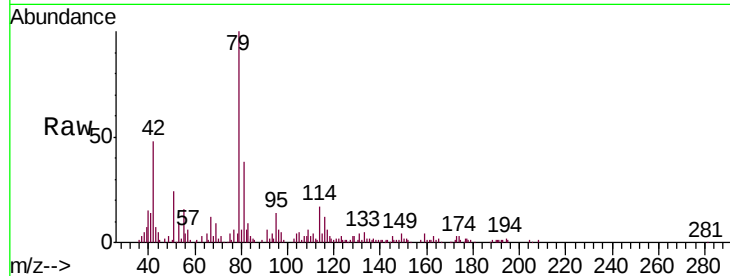
GAT51

Tgt Ion: 75 Resp: 1536

Ion Ratio Lower Upper

75 100

77 166.1 22.1 41.1#



#44

Toluene

Concen: 0.642 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014846.D

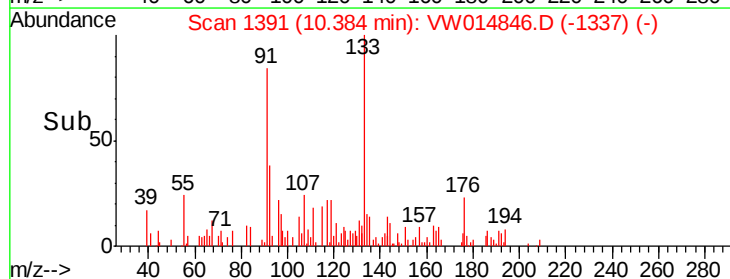
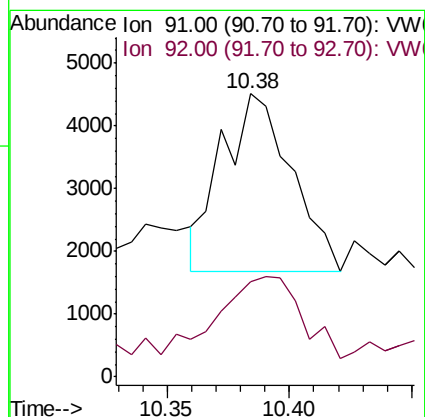
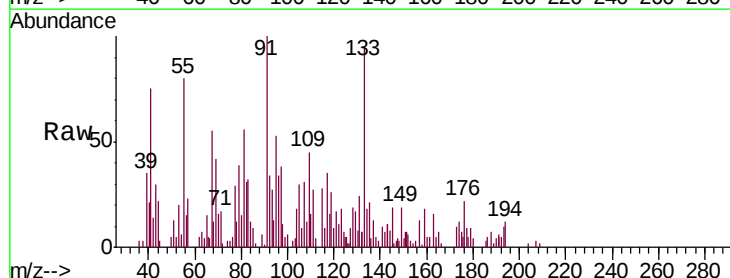
Acq: 03 Feb 2020 20:27

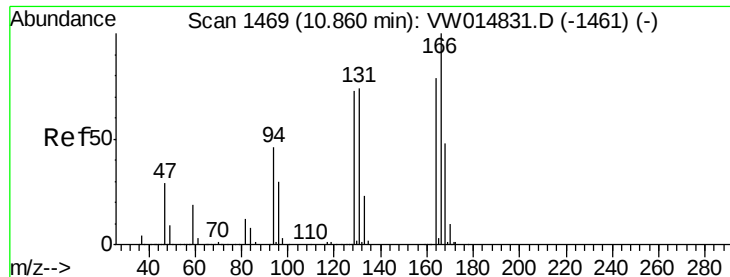
Tgt Ion: 91 Resp: 5586

Ion Ratio Lower Upper

91 100

92 33.8 41.6 77.2#





#47

Tetrachloroethene

Concen: 0.743 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014846.D

Acq: 03 Feb 2020 20:27

Instrument :

MSVOA_W

ClientSampleId :

GAT51

Tgt Ion:164 Resp: 1189

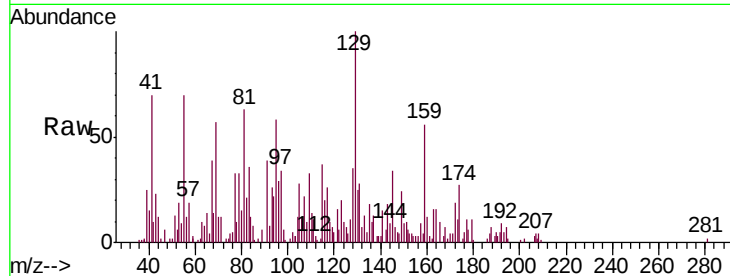
Ion Ratio Lower Upper

164 100

129 614.1 67.1 124.5#

131 169.1 62.2 115.6#

166 58.6 87.6 162.6#



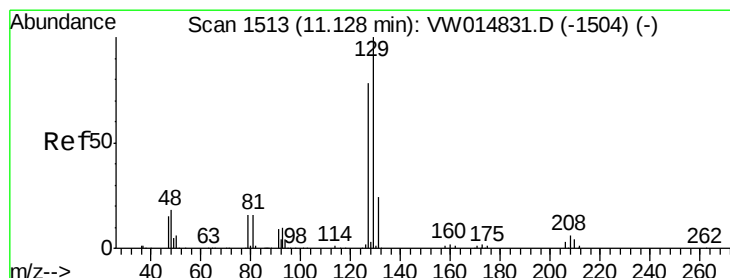
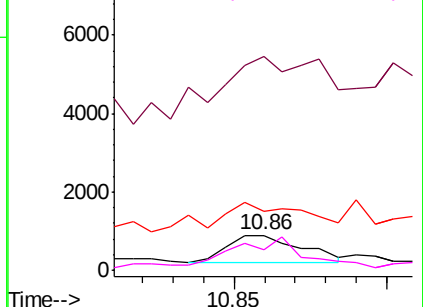
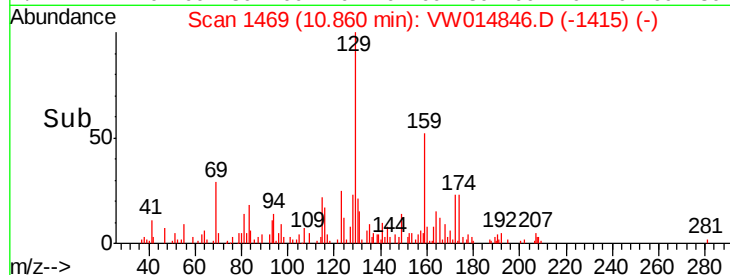
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.409 ug/L

RT: 11.19 min Scan# 1524

Delta R.T. 0.07 min

Lab File: VW014846.D

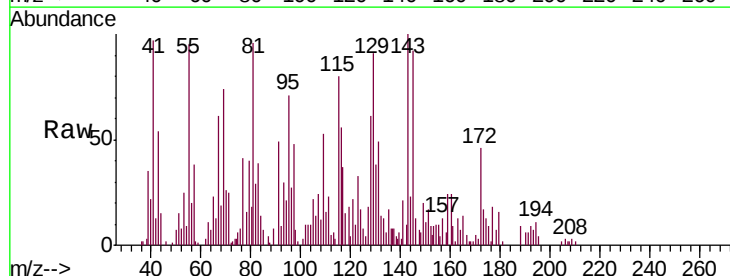
Acq: 03 Feb 2020 20:27

Tgt Ion:129 Resp: 682

Ion Ratio Lower Upper

129 100

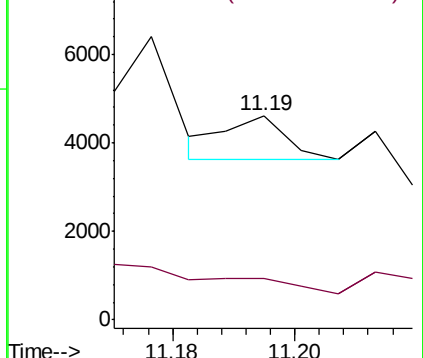
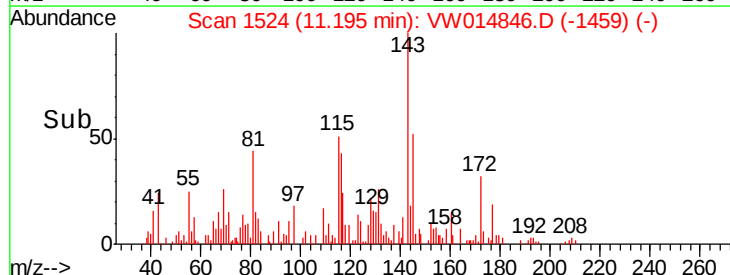
127 20.0 54.2 100.6#

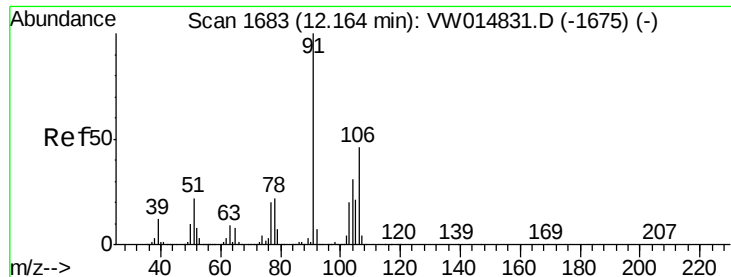


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

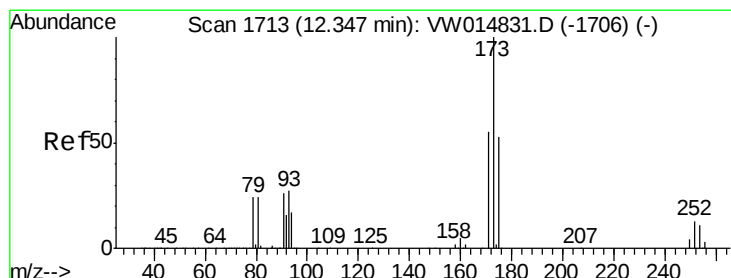
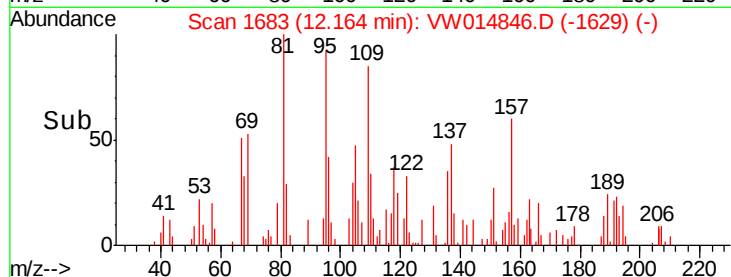
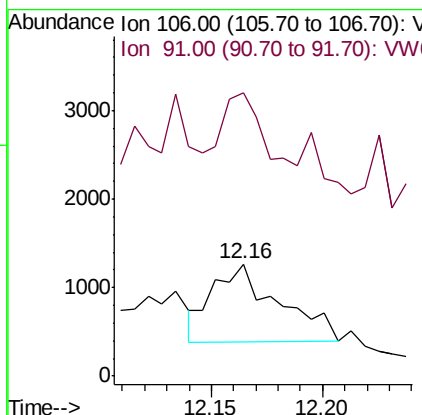
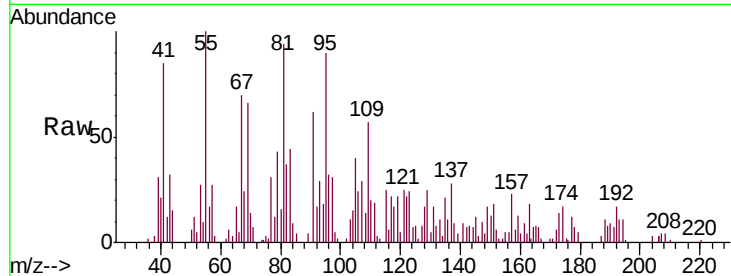




#55
o-xylene
Concen: 0.569 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014846.D
Acq: 03 Feb 2020 20:27

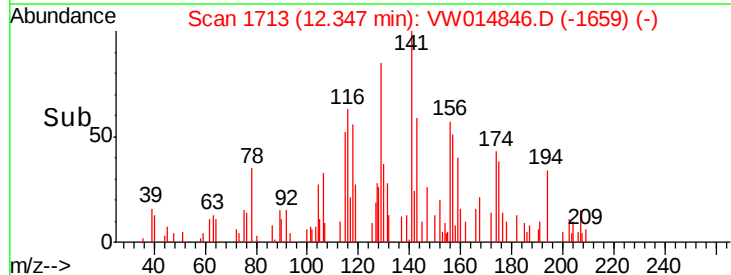
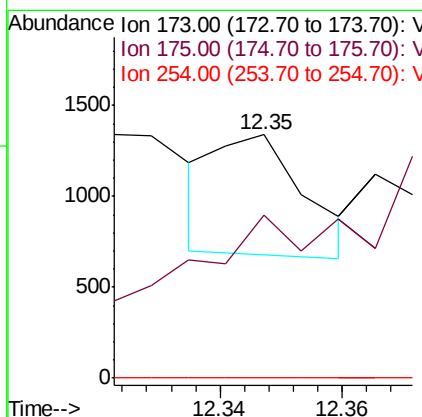
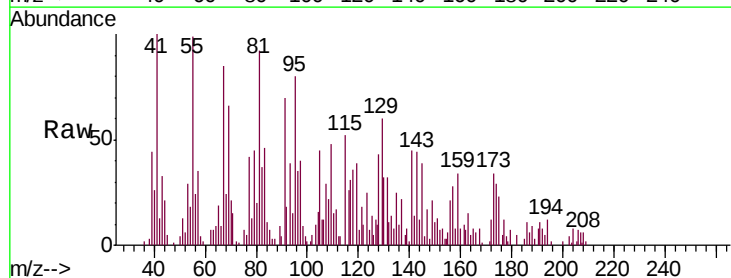
Instrument :
MSVOA_W
ClientSampled :
GAT51

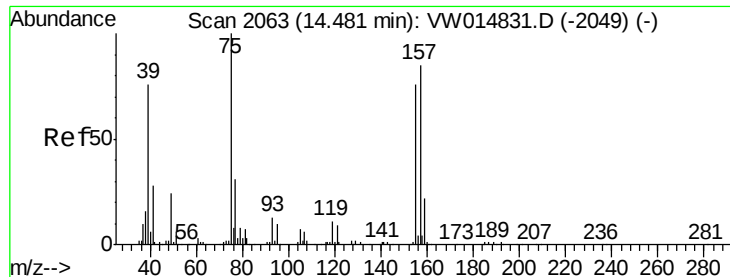
Tgt Ion:106 Resp: 1829
Ion Ratio Lower Upper
106 100
91 251.8 154.6 287.0



#62
Bromoform
Concen: 0.833 ug/L
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014846.D
Acq: 03 Feb 2020 20:27

Tgt Ion:173 Resp: 654
Ion Ratio Lower Upper
173 100
175 110.9 38.2 57.4#
254 0.0 8.6 13.0#

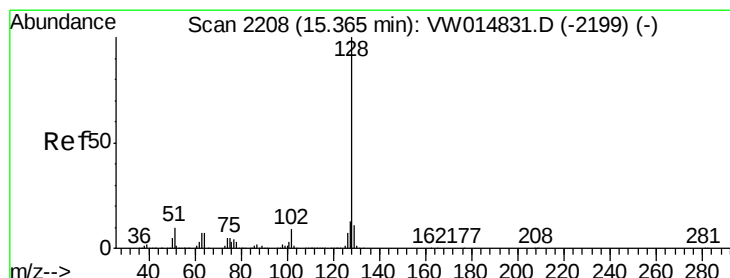
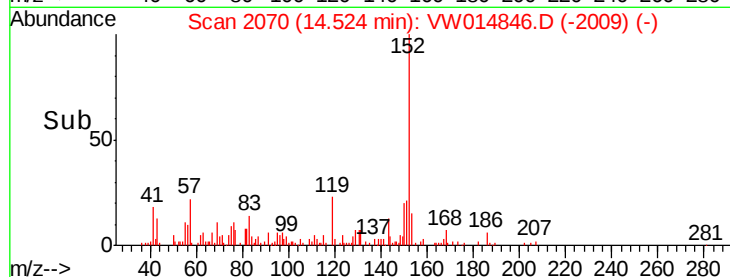
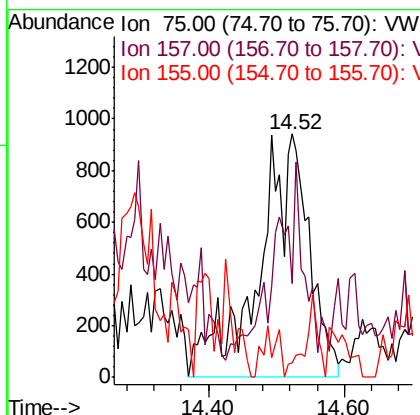
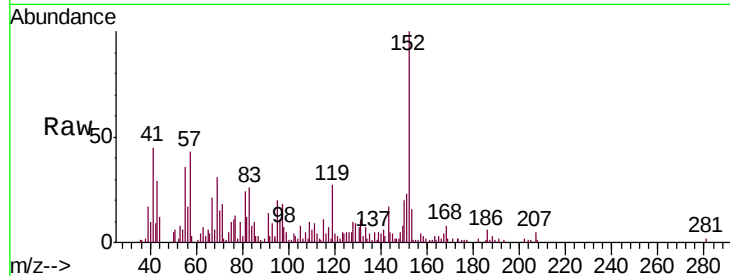




#66
 1,2-Dibromo-3-chloropropane
 Concen: 17.323 ug/L
 RT: 14.52 min Scan# 2070
 Delta R.T. 0.04 min
 Lab File: VW014846.D
 Acq: 03 Feb 2020 20:27

Instrument :
 MSVOA_W
 ClientSampled :
 GAT51

Tgt Ion: 75 Resp: 4903
 Ion Ratio Lower Upper
 75 100
 157 38.6 68.2 102.2#
 155 5.9 56.0 84.0#



#69
 Naphthalene
 Concen: 93.598 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW014846.D
 Acq: 03 Feb 2020 20:27

Tgt Ion: 128 Resp: 334836
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.7 13.1
 127 13.7 10.6 15.8

