

Data File : VW014855.D
Acq On : 04 Feb 2020 11:51
Operator : SY/VA
Sample : L1323-16
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT54

Quant Time: Feb 05 03:44:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	434026	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	165476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139941	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.32%
7) Chloroethane-d5	2.89	69	141777	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
10) 1,1-Dichloroethene-d2	4.01	63	228088	15.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.16%
20) 2-Butanone-d5	7.07	46	83042	32.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.00%
24) Chloroform-d	7.65	84	317286	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.30	65	174357	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.80%
29) Benzene-d6	8.27	84	618783	21.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.80%
33) 1,2-Dichloropropane-d6	9.27	67	210227	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.92%
37) Toluene-d8	10.32	98	500567	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.52%
38) trans-1,3-Dichloropropene-	10.57	79	65406	17.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.88%
39) 2-Hexanone-d5	10.92	63	52759	28.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138268	18.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	146372	21.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.44%

Target Compounds

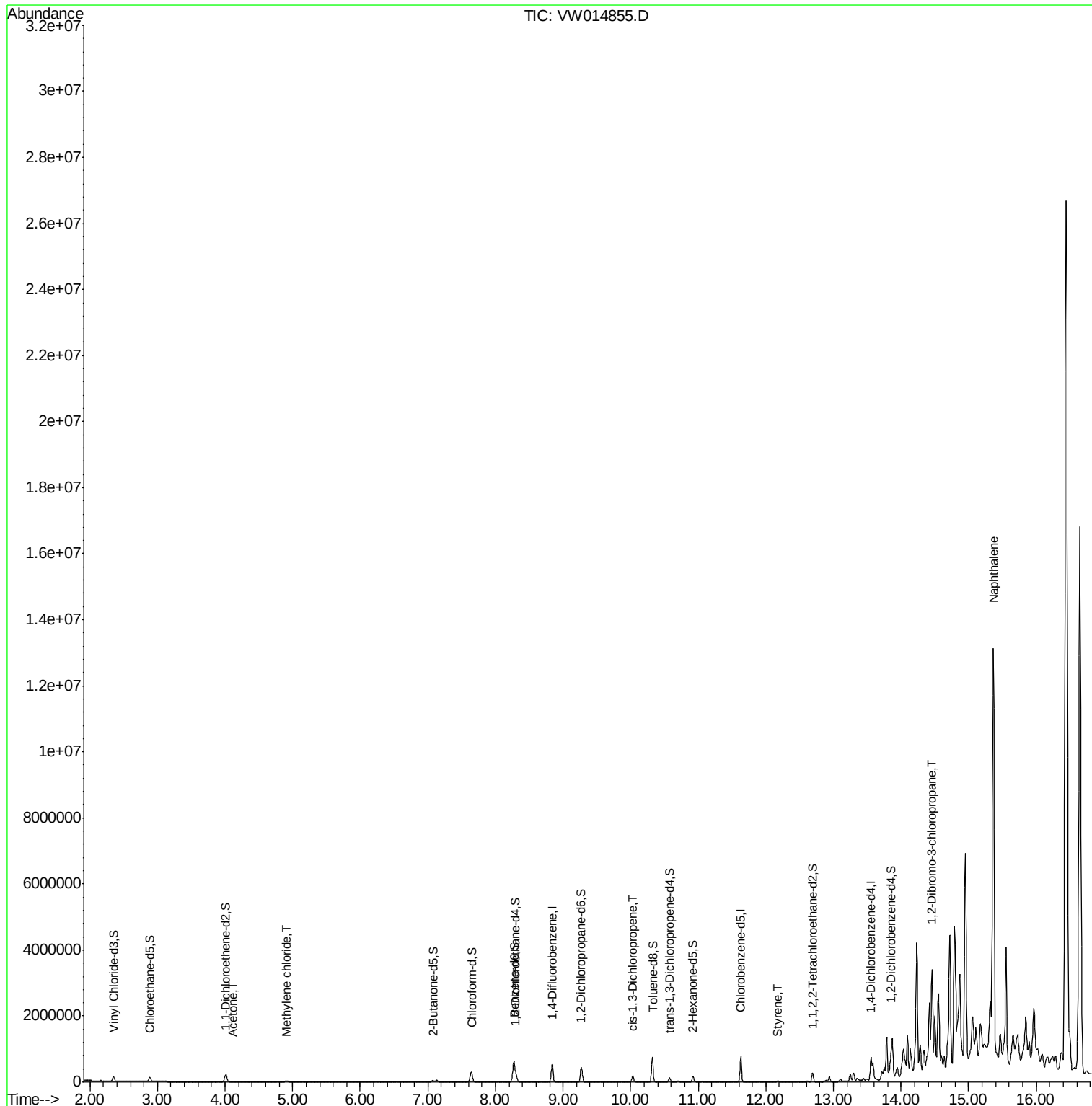
					Qvalue
13) Acetone	4.12	43	11810	4.274 ug/L	98
16) Methylene chloride	4.91	84	18578	2.318 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4604	0.428 ug/L #	76
56) Styrene	12.18	104	8502	0.471 ug/L	85
66) 1,2-Dibromo-3-chloropropan	14.46	75	37001	37.517 ug/L #	10
69) Naphthalene	15.36	128	9925143	796.217 ug/L	99

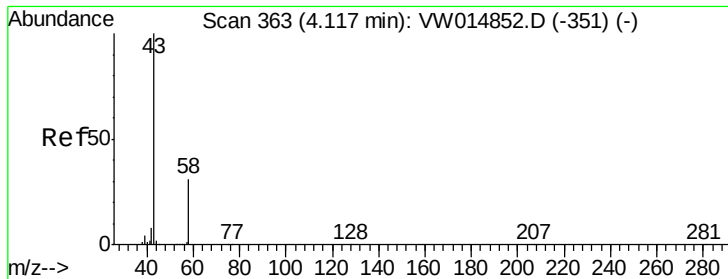
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014855.D
Acq On : 04 Feb 2020 11:51
Operator : SY/VA
Sample : L1323-16
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT54

Quant Time: Feb 05 03:44:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

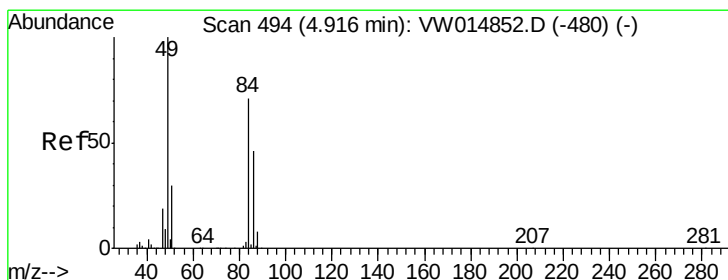
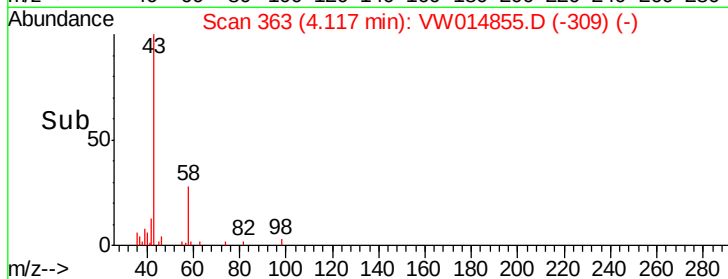
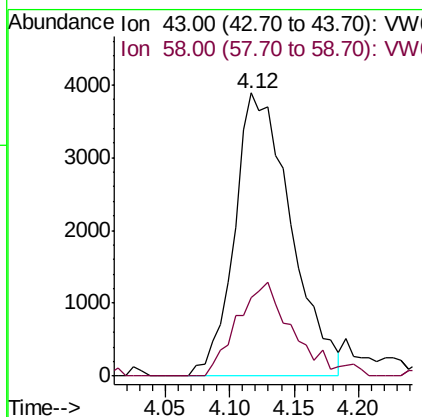
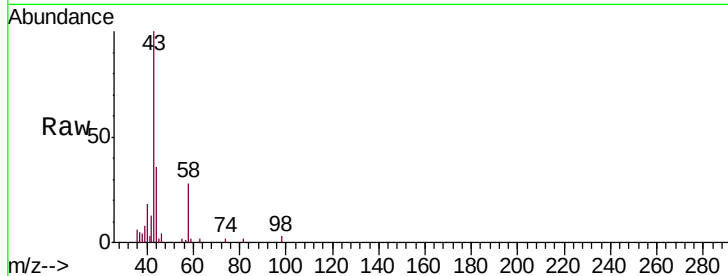




#13
Acetone
Concen: 4.274 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014855.D
Acq: 04 Feb 2020 11:51

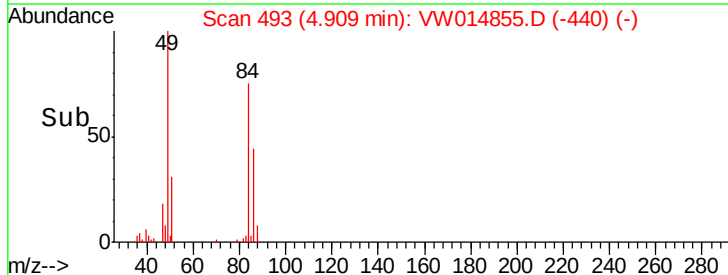
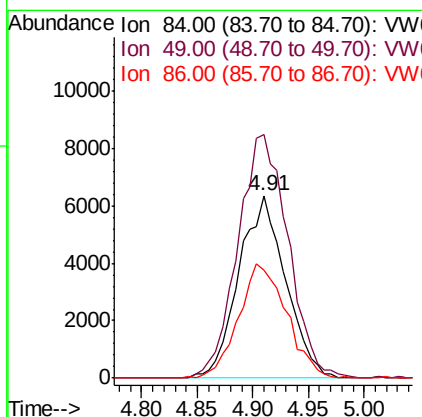
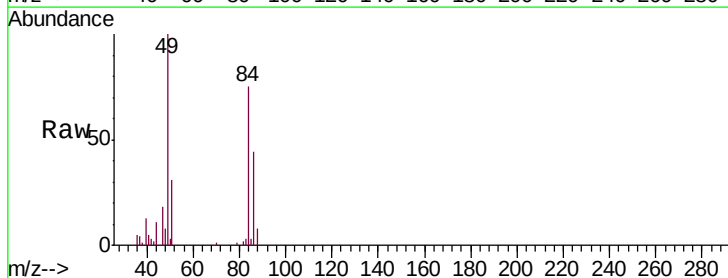
Instrument :
MSVOA_W
ClientSampled :
GAT54

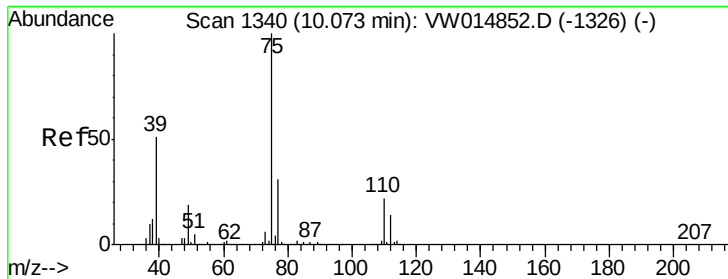
Tgt Ion: 43 Resp: 11810
Ion Ratio Lower Upper
43 100
58 31.4 0.0 60.2



#16
Methylene chloride
Concen: 2.318 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014855.D
Acq: 04 Feb 2020 11:51

Tgt Ion: 84 Resp: 18578
Ion Ratio Lower Upper
84 100
49 133.7 96.6 179.4
86 59.1 43.8 81.4

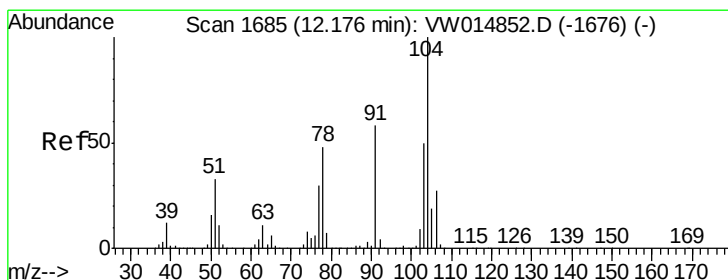
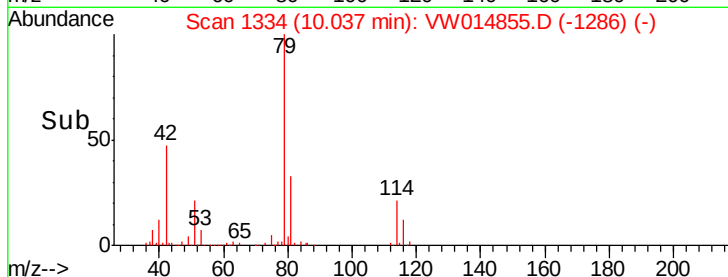
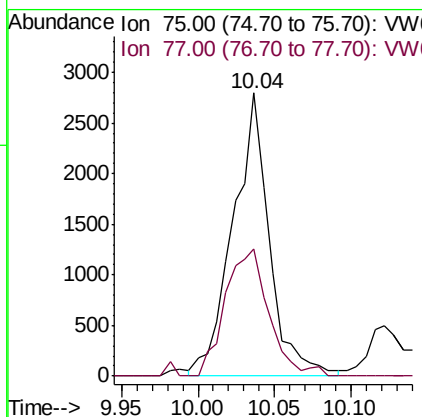
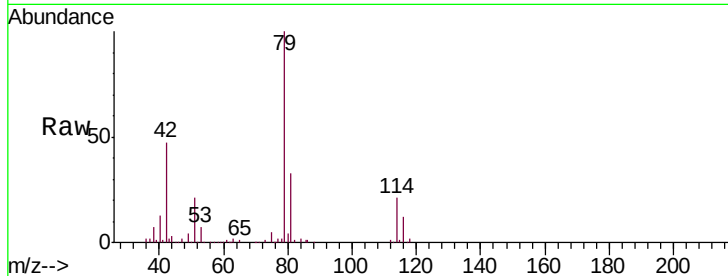




#42
 cis-1,3-Dichloropropene
 Concen: 0.428 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW014855.D
 Acq: 04 Feb 2020 11:51

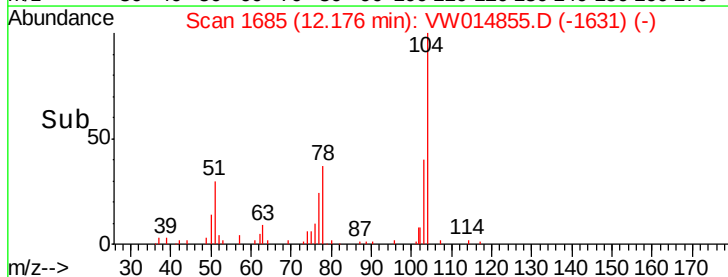
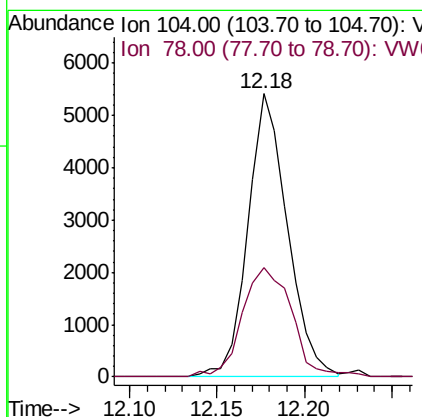
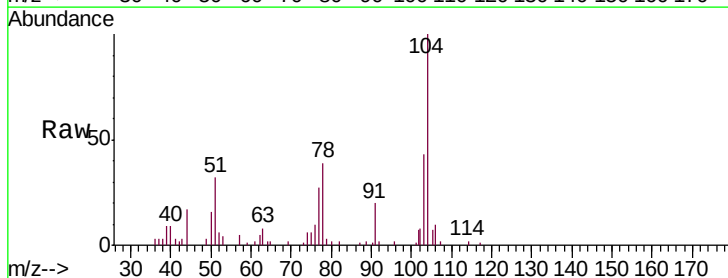
Instrument :
 MSVOA_W
 ClientSampled :
 GAT54

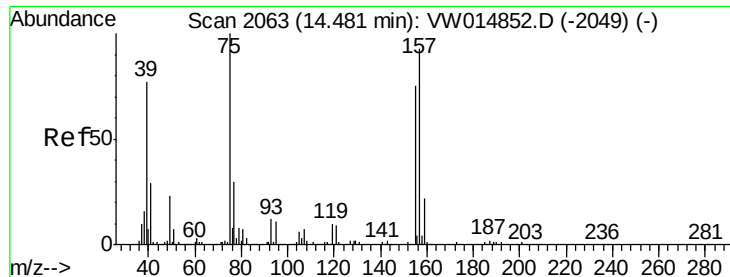
Tgt Ion: 75 Resp: 4604
 Ion Ratio Lower Upper
 75 100
 77 45.0 22.1 41.1#



#56
 Styrene
 Concen: 0.471 ug/L
 RT: 12.18 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VW014855.D
 Acq: 04 Feb 2020 11:51

Tgt Ion: 104 Resp: 8502
 Ion Ratio Lower Upper
 104 100
 78 38.8 34.3 63.7





#66

1,2-Dibromo-3-chloropropane

Concen: 37.517 ug/L

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW014855.D

Acq: 04 Feb 2020 11:51

Instrument :

MSVOA_W

ClientSampleId :

GAT54

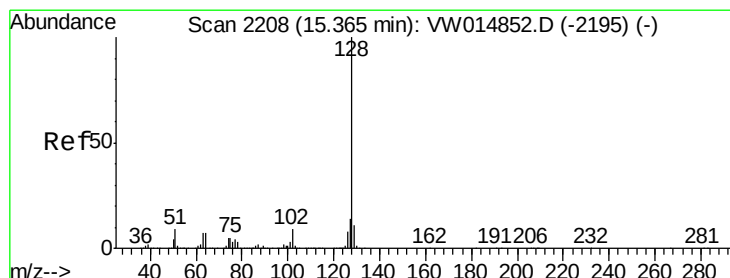
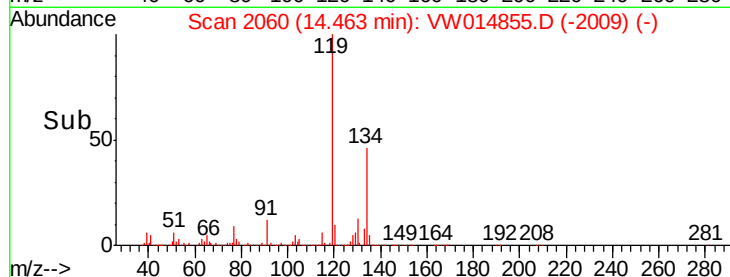
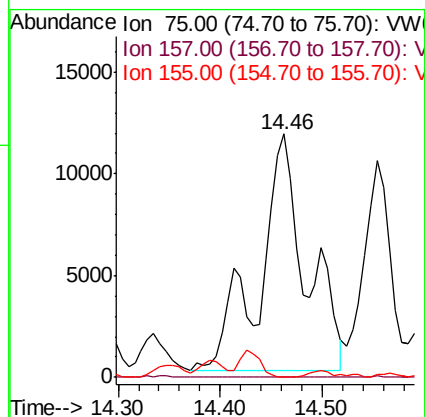
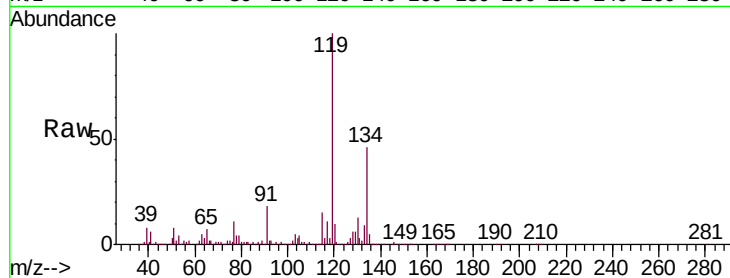
Tgt Ion: 75 Resp: 37001

Ion Ratio Lower Upper

75 100

157 0.0 68.2 102.2#

155 0.0 56.0 84.0#



#69

Naphthalene

Concen: 796.217 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014855.D

Acq: 04 Feb 2020 11:51

Tgt Ion: 128 Resp: 9925143

Ion Ratio Lower Upper

128 100

129 11.7 8.7 13.1

127 13.5 10.6 15.8

