

Data File : VW014814.D
Acq On : 30 Jan 2020 17:18
Operator : SY/VA
Sample : L1271-17RE
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

Quant Time: Jan 31 01:12:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 01:08:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1017687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	874762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	292765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	268768	16.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.68%
7) Chloroethane-d5	2.89	69	239969	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.08%
10) 1,1-Dichloroethene-d2	4.15	63	565	0.02	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.07	46	134272	29.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.68%
24) Chloroform-d	7.65	84	573319	20.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	8.30	65	254477	16.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.28%#
29) Benzene-d6	8.27	84	1118682	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	9.27	67	331322	19.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.44%
37) Toluene-d8	10.32	98	970002	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.12%
38) trans-1,3-Dichloropropene-	10.57	79	132912	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.96%
39) 2-Hexanone-d5	10.92	63	117306	36.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	203398	15.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	243932	21.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.04%

Target Compounds

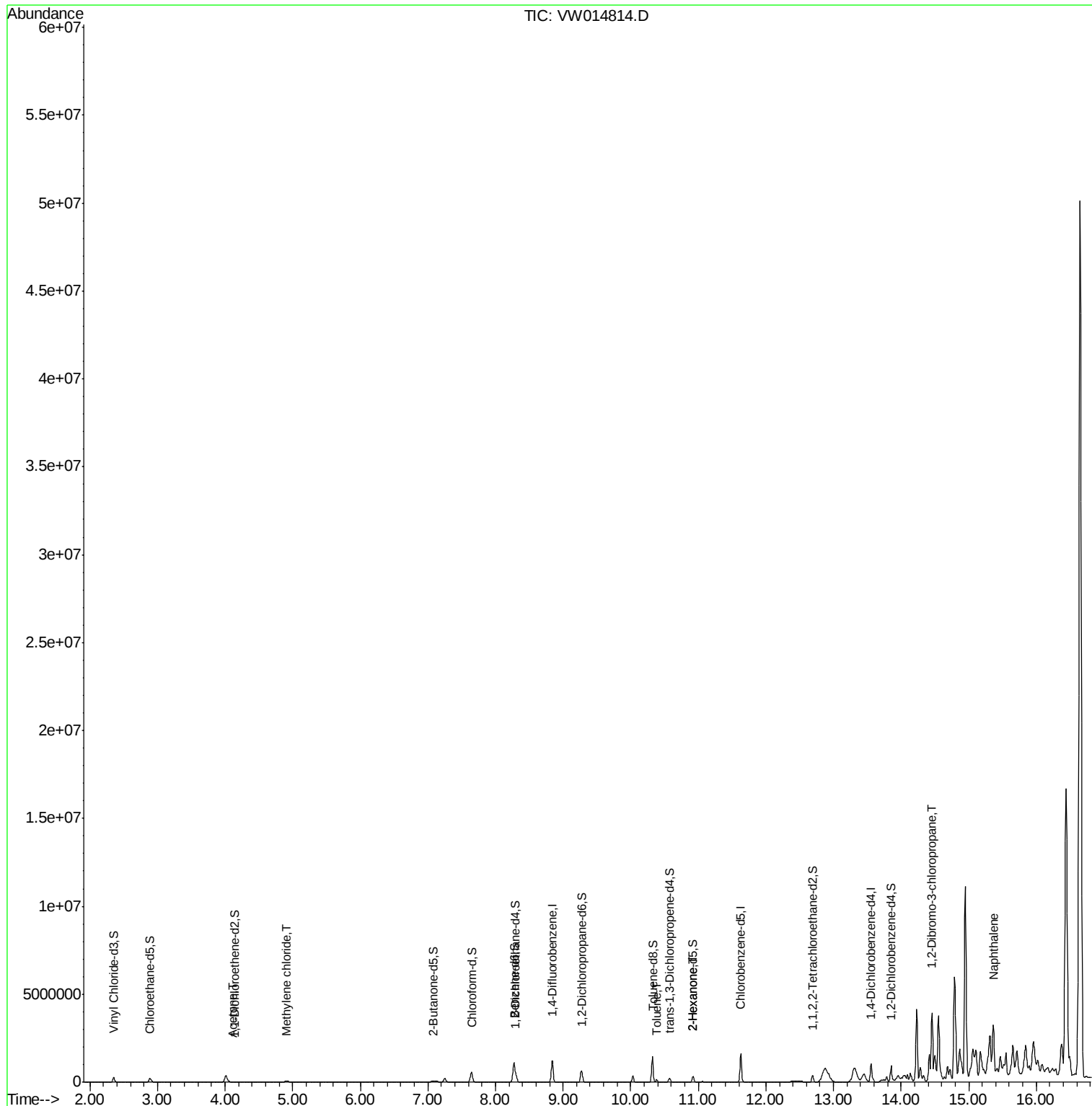
					Qvalue
13) Acetone	4.12	43	17384	3.546 ug/L	66
16) Methylene chloride	4.91	84	62035	3.607 ug/L	98
44) Toluene	10.38	91	100149	1.759 ug/L	97
49) 2-Hexanone	10.92	43	14708	2.191 ug/L #	56
66) 1,2-Dibromo-3-chloropropan	14.46	75	32261	22.879 ug/L #	3
69) Naphthalene	15.36	128	2111940	112.393 ug/L #	95

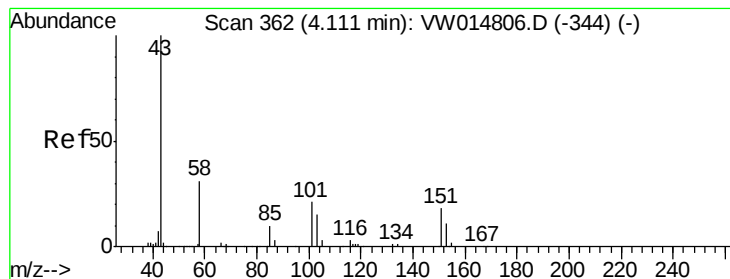
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.546 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014814.D

Acq: 30 Jan 2020 17:18

Instrument :

MSVOA_W

ClientSampled :

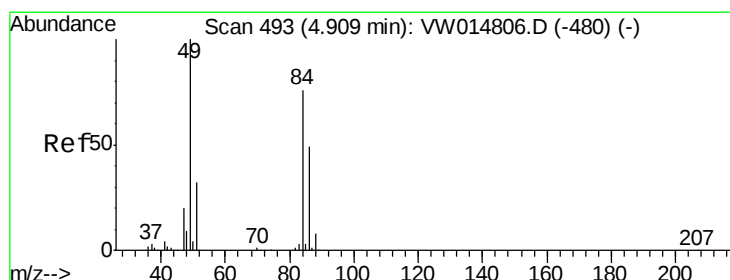
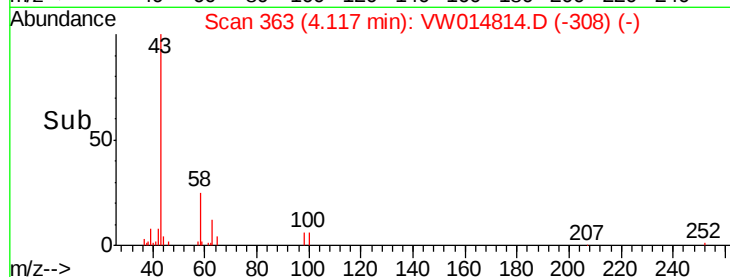
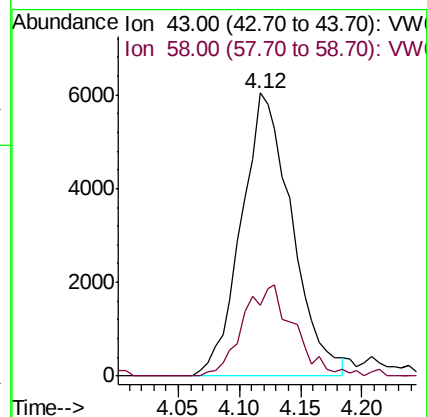
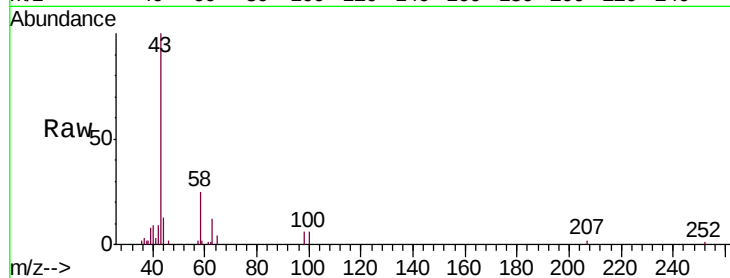
GAT08

Tgt Ion: 43 Resp: 17384

Ion Ratio Lower Upper

43 100

58 13.4 0.0 64.6



#16

Methylene chloride

Concen: 3.607 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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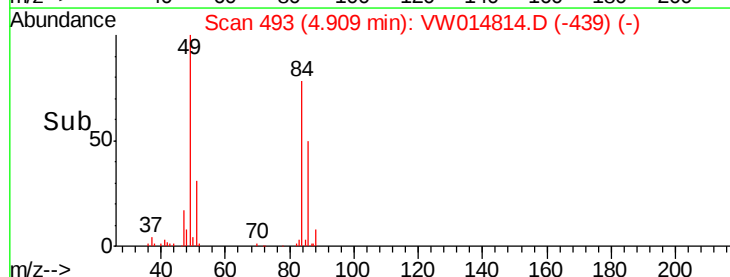
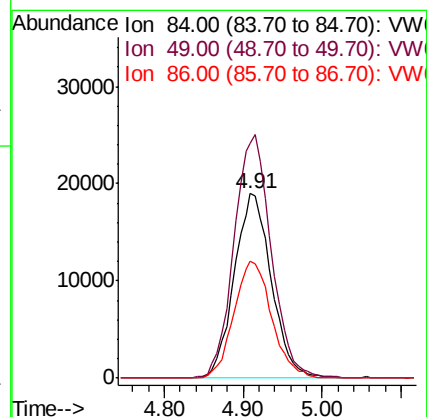
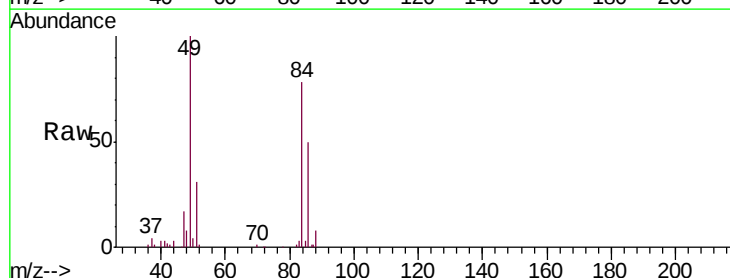
Tgt Ion: 84 Resp: 62035

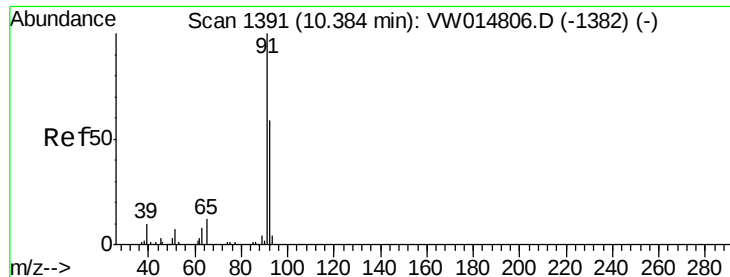
Ion Ratio Lower Upper

84 100

49 127.7 90.9 168.7

86 63.4 43.5 80.7





#44

Toluene

Concen: 1.759 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

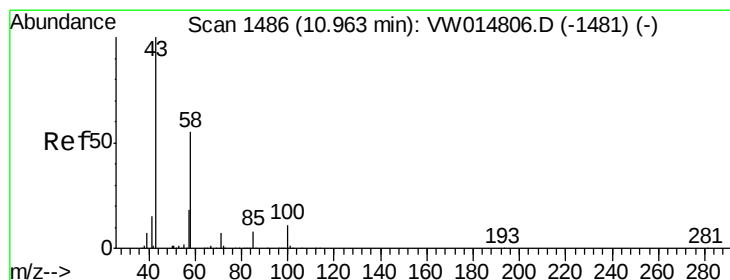
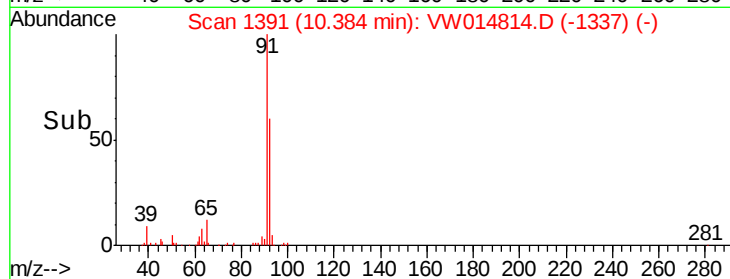
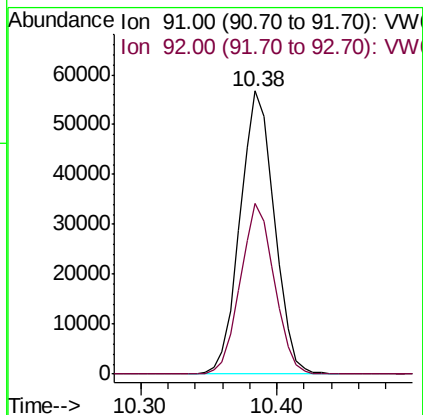
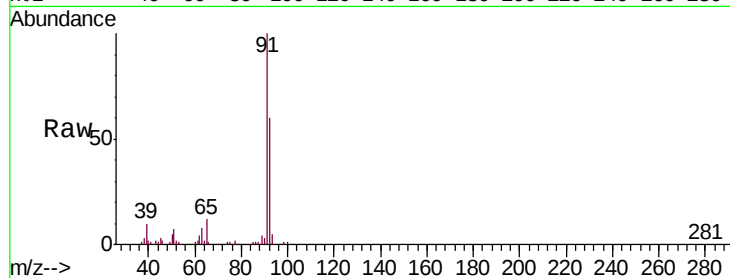
GAT08

Tgt Ion: 91 Resp: 100149

Ion Ratio Lower Upper

91 100

92 60.4 40.7 75.7



#49

2-Hexanone

Concen: 2.191 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014814.D

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Tgt Ion: 43 Resp: 14708

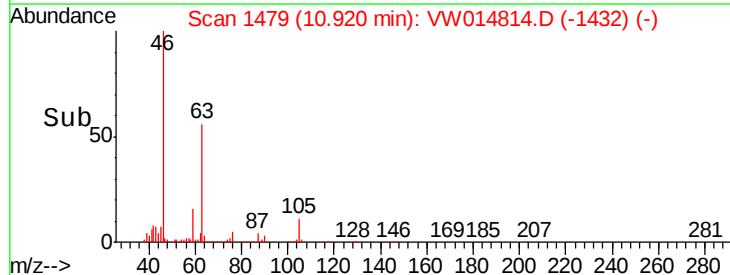
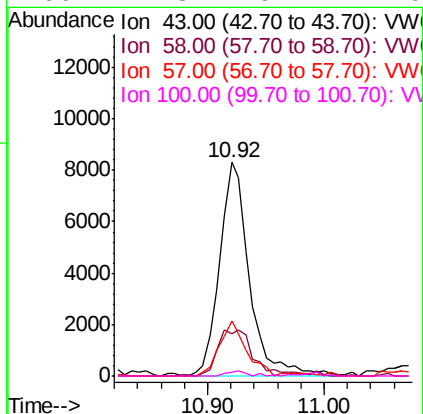
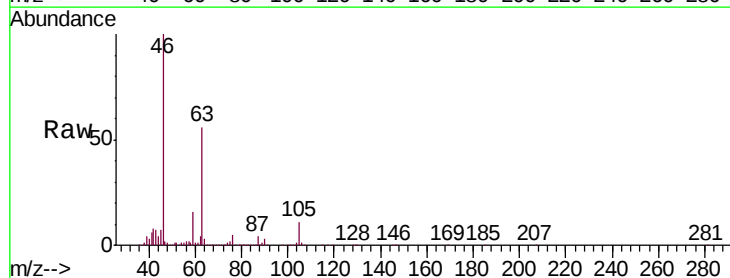
Ion Ratio Lower Upper

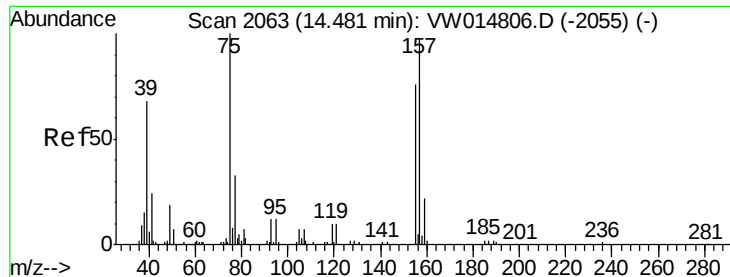
43 100

58 11.8 43.2 64.8#

57 23.0 14.7 22.1#

100 1.3 9.4 14.0#

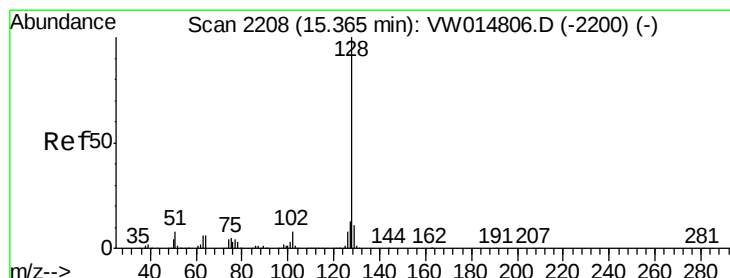
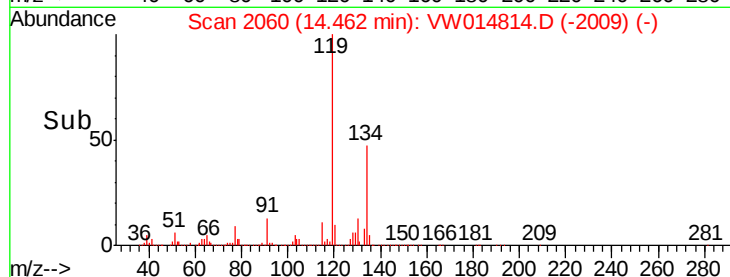
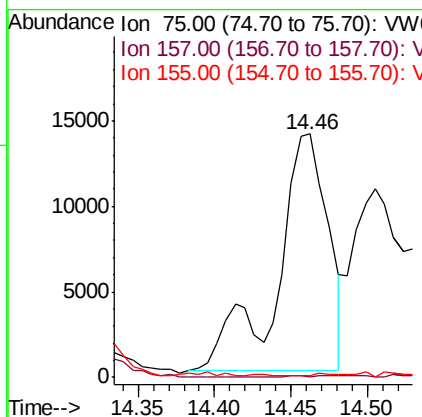
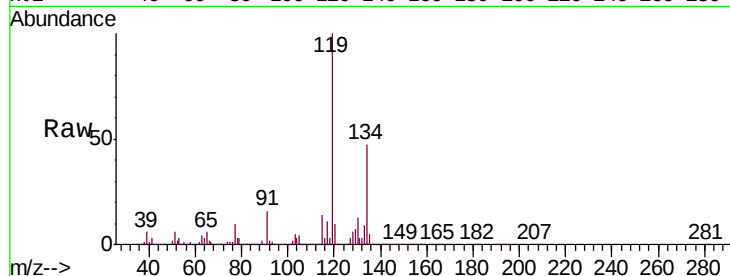




#66
1,2-Dibromo-3-chloropropane
Concen: 22.879 ug/L
RT: 14.46 min Scan# 2060
Delta R.T. -0.02 min
Lab File: VW014814.D
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MSVOA_W
ClientSampleId :
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Tgt Ion: 75 Resp: 32261
Ion Ratio Lower Upper
75 100
157 0.4 84.9 127.3#
155 0.9 67.1 100.7#



#69
Naphthalene
Concen: 112.393 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014814.D
Acq: 30 Jan 2020 17:18

Tgt Ion: 128 Resp: 2111940
Ion Ratio Lower Upper
128 100
129 14.3 8.6 13.0#
127 13.6 10.5 15.7

