

Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

Quant Time: Jan 31 01:11:59 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	8.58	114	1278895	25.00	ug/L	-0.26
28) Chlorobenzene-d5	11.57	117	1056078	25.00	ug/L	-0.05
60) 1,4-Dichlorobenzene-d4	13.54	152	433010	25.00	ug/L	-0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	50	0.00	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	2.67	69	46	0.00	ug/L	-0.22
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	3.86	63	44	0.00	ug/L	-0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.06	46	130	0.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.04%#
24) Chloroform-d	7.68	84	20	0.00	ug/L	0.04
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	8.29	65	20	0.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	8.26	84	104	0.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.00%#
33) 1,2-Dichloropropane-d6	9.05	67	454313	21.99	ug/L	-0.22
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.96%
37) Toluene-d8	10.19	98	1301420	21.98	ug/L	-0.13
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.92%
38) trans-1,3-Dichloropropene-	10.48	79	149448	18.15	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.60%
39) 2-Hexanone-d5	10.84	63	100285	25.87	ug/L	-0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.74%
48) 1,1,2,2-Tetrachloroethane-	12.67	84	265593	16.38	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.52%
61) 1,2-Dichlorobenzene-d4	13.84	152	314658	18.54	ug/L	-0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.16%#

Target Compounds

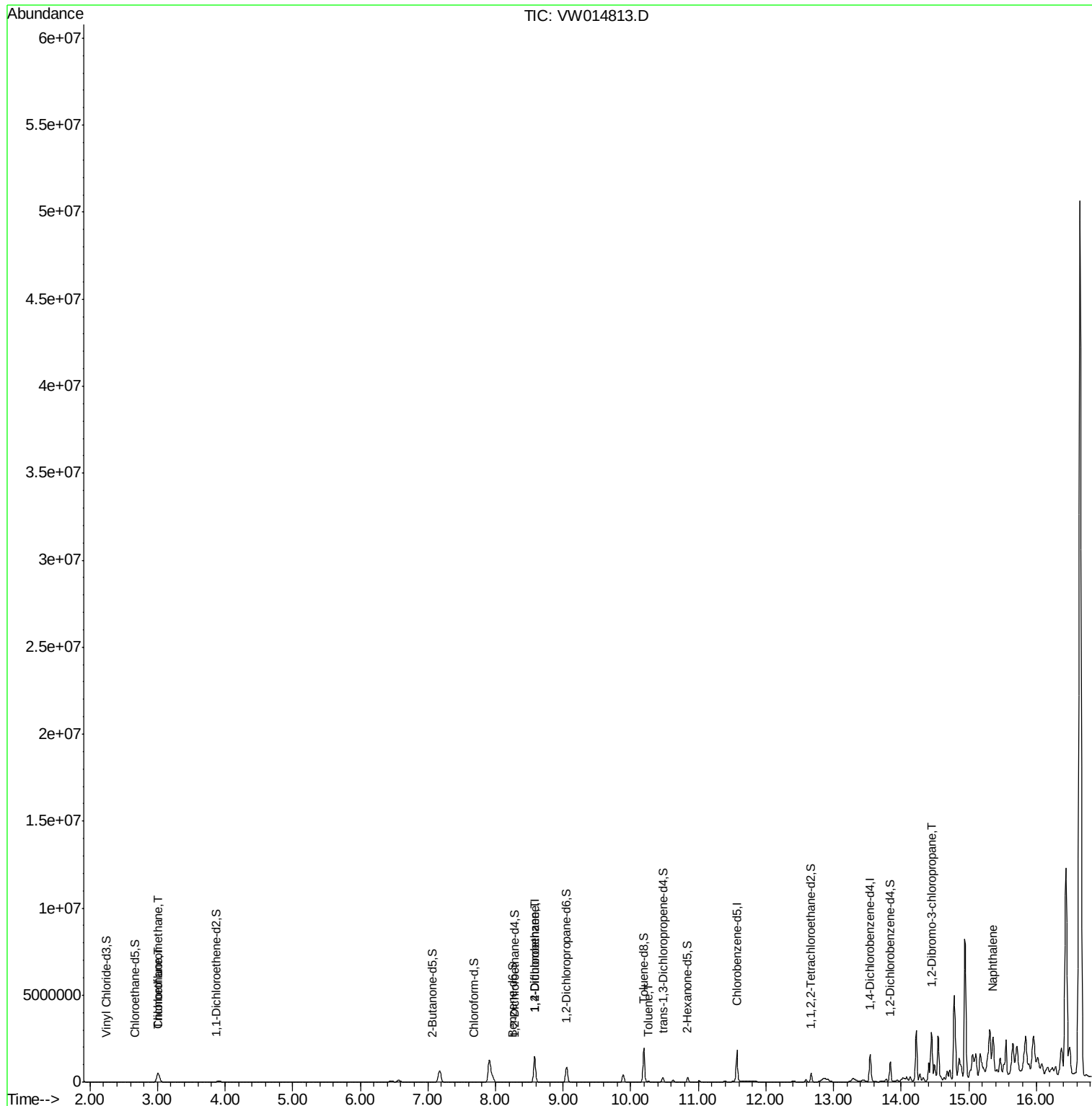
					Qvalue
8) Chloroethane	3.00	64	8672	0.620 ug/L	96
9) Trichlorofluoromethane	3.01	101	6650	0.537 ug/L #	22
27) 1,2-Dichloroethane	8.58	62	44024	2.111 ug/L #	75
44) Toluene	10.26	91	37560	0.547 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.46	75	29171	13.987 ug/L #	2
69) Naphthalene	15.36	128	1408446	50.678 ug/L #	93

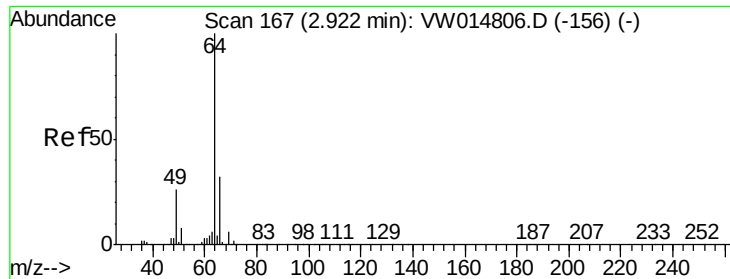
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.620 ug/L

RT: 3.00 min Scan# 180

Delta R.T. 0.08 min

Lab File: VW014813.D

Acq: 30 Jan 2020 16:14

Instrument :

MSVOA_W

ClientSampled :

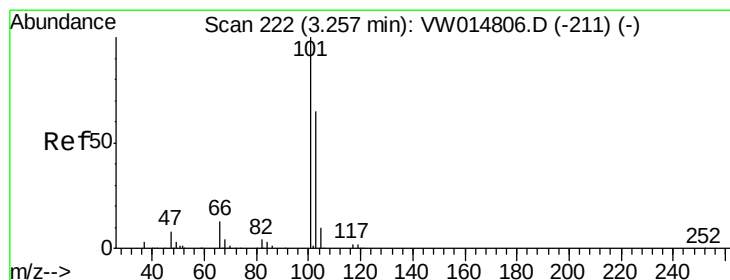
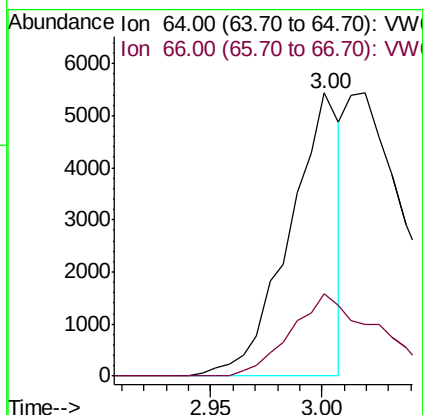
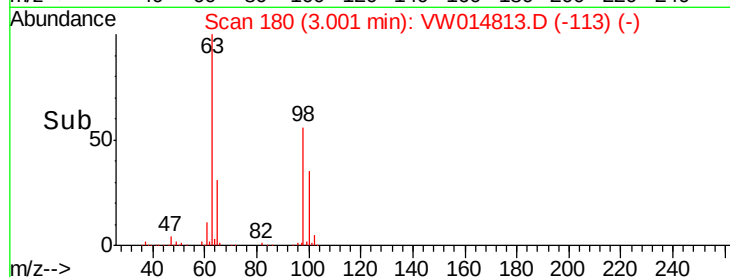
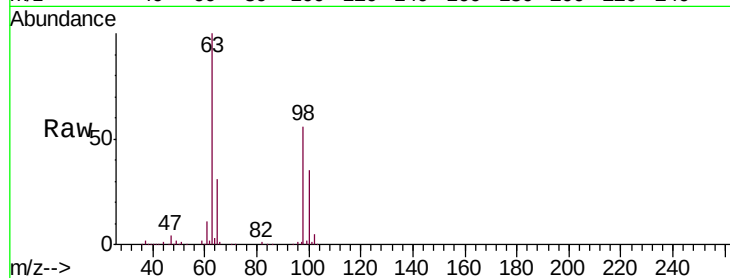
GAT08

Tgt Ion: 64 Resp: 8672

Ion Ratio Lower Upper

64 100

66 28.9 21.8 40.4



#9

Trichlorofluoromethane

Concen: 0.537 ug/L

RT: 3.01 min Scan# 182

Delta R.T. -0.24 min

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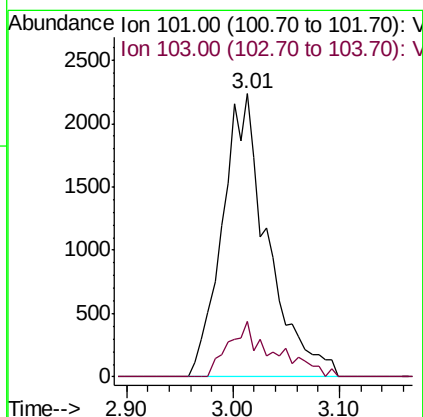
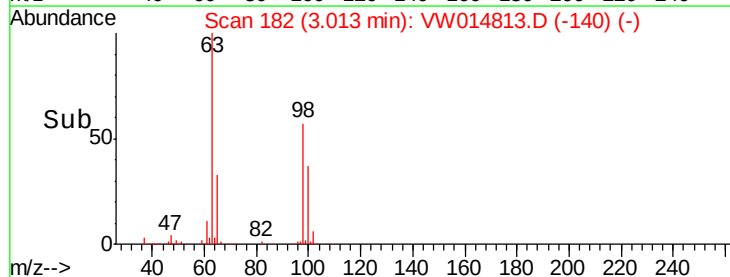
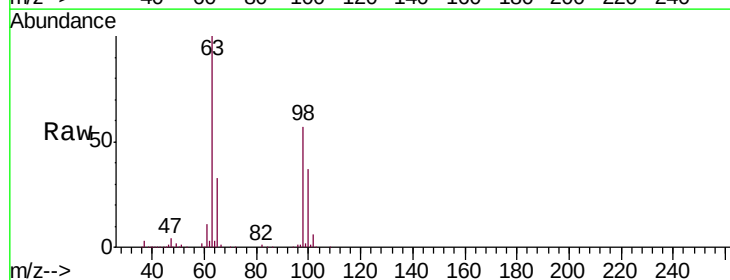
Acq: 30 Jan 2020 16:14

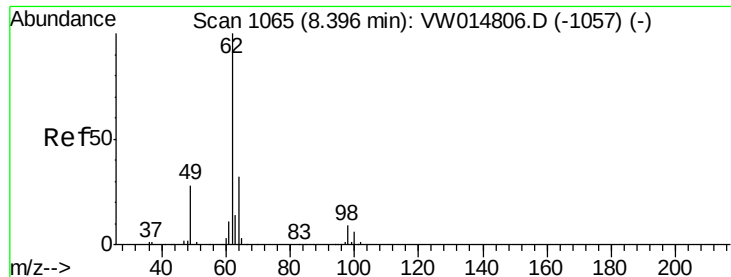
Tgt Ion: 101 Resp: 6650

Ion Ratio Lower Upper

101 100

103 3.3 45.1 83.9#

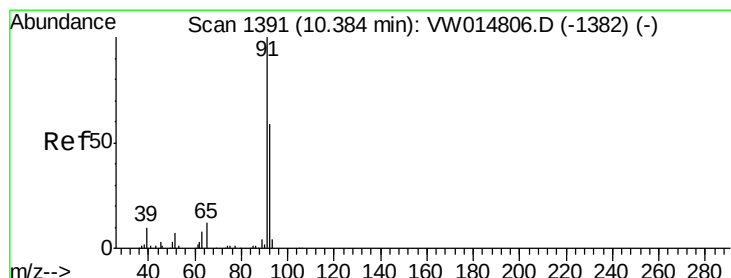
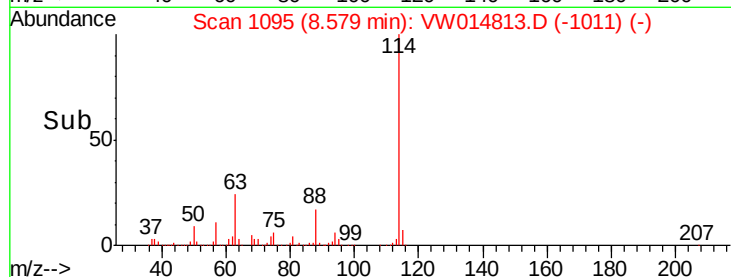
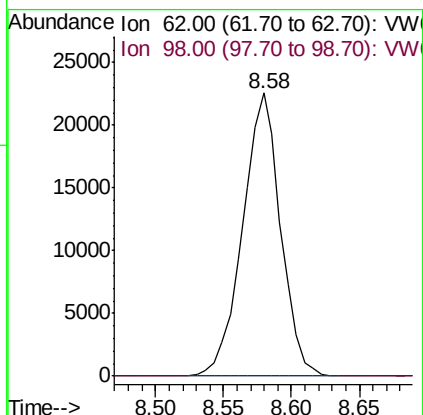
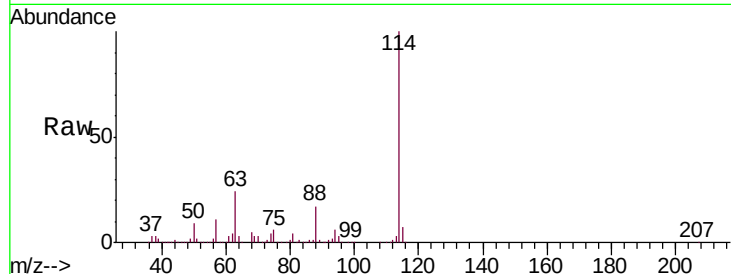




#27
 1,2-Dichloroethane
 Concen: 2.111 ug/L
 RT: 8.58 min Scan# 1095
 Delta R.T. 0.18 min
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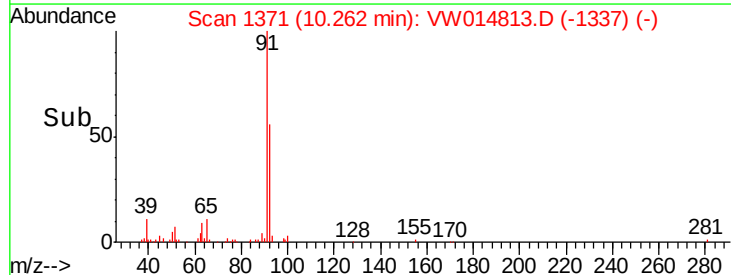
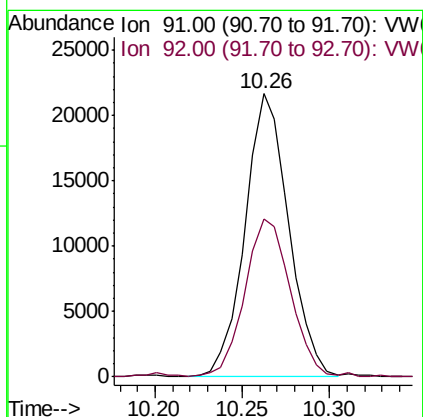
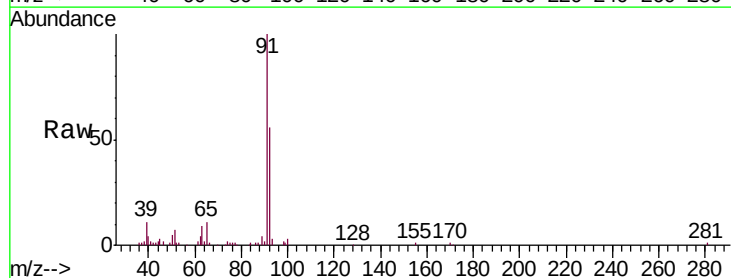
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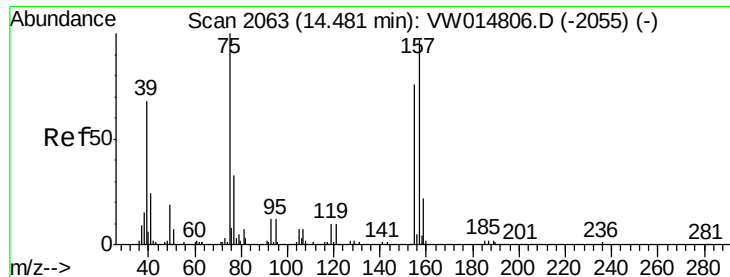
Tgt Ion: 62 Resp: 44024
 Ion Ratio Lower Upper
 62 100
 98 0.3 7.5 11.3#



#44
 Toluene
 Concen: 0.547 ug/L
 RT: 10.26 min Scan# 1371
 Delta R.T. -0.12 min
 Lab File: VW014813.D
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Tgt Ion: 91 Resp: 37560
 Ion Ratio Lower Upper
 91 100
 92 55.8 40.7 75.7

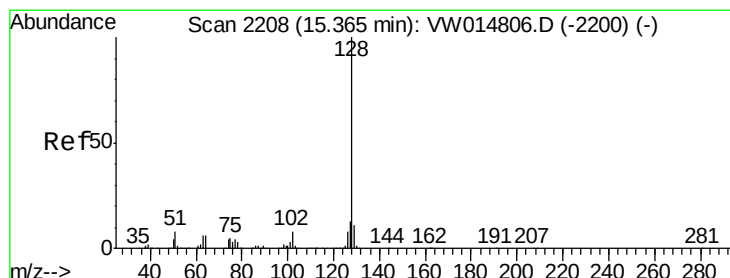
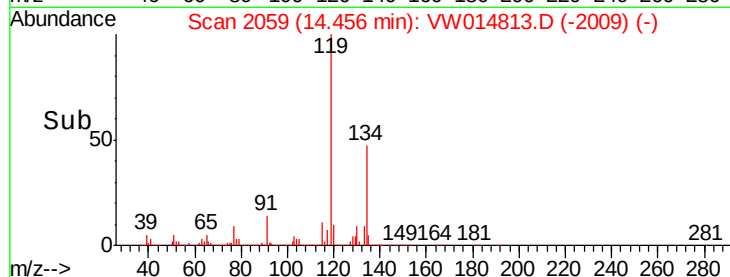
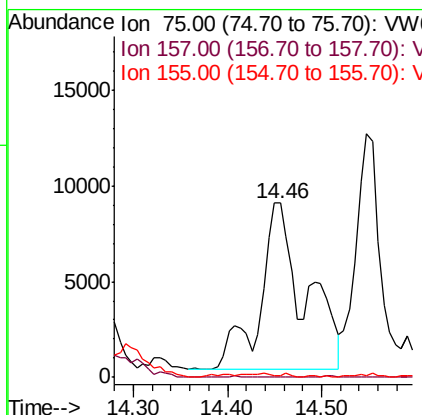
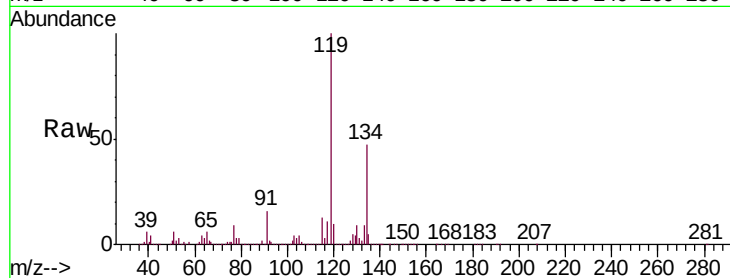




#66
 1,2-Dibromo-3-chloropropane
 Concen: 13.987 ug/L
 RT: 14.46 min Scan# 2059
 Delta R.T. -0.02 min
 Lab File: VW014813.D
 Acq: 30 Jan 2020 16:14

Instrument :
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 ClientSampleId :
 GAT08

Tgt Ion: 75 Resp: 29171
 Ion Ratio Lower Upper
 75 100
 157 0.0 84.9 127.3#
 155 0.8 67.1 100.7#



#69
 Naphthalene
 Concen: 50.678 ug/L
 RT: 15.36 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: VW014813.D
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Tgt Ion: 128 Resp: 1408446
 Ion Ratio Lower Upper
 128 100
 129 15.7 8.6 13.0#
 127 13.9 10.5 15.7

