

Data File : VW013818.D
Acq On : 30 Oct 2019 02:57
Operator : SY/VA
Sample : K5549-14
Misc : 5.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ67

Quant Time: Oct 30 08:20:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	284748	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284826	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91165	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.36%
7) Chloroethane-d5	2.89	69	72794	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
10) 1,1-Dichloroethene-d2	4.02	63	137755	17.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.40%
20) 2-Butanone-d5	7.07	46	84238	67.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.84%
24) Chloroform-d	7.65	84	198302	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	8.31	65	118165	28.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.44%
29) Benzene-d6	8.27	84	414059	24.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.80%
33) 1,2-Dichloropropane-d6	9.27	67	131729	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.08%
37) Toluene-d8	10.32	98	380280	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.40%
38) trans-1,3-Dichloropropene-	10.58	79	56491	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.92	63	73049	74.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.54%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134012	32.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	144815	27.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.96%

Target Compounds

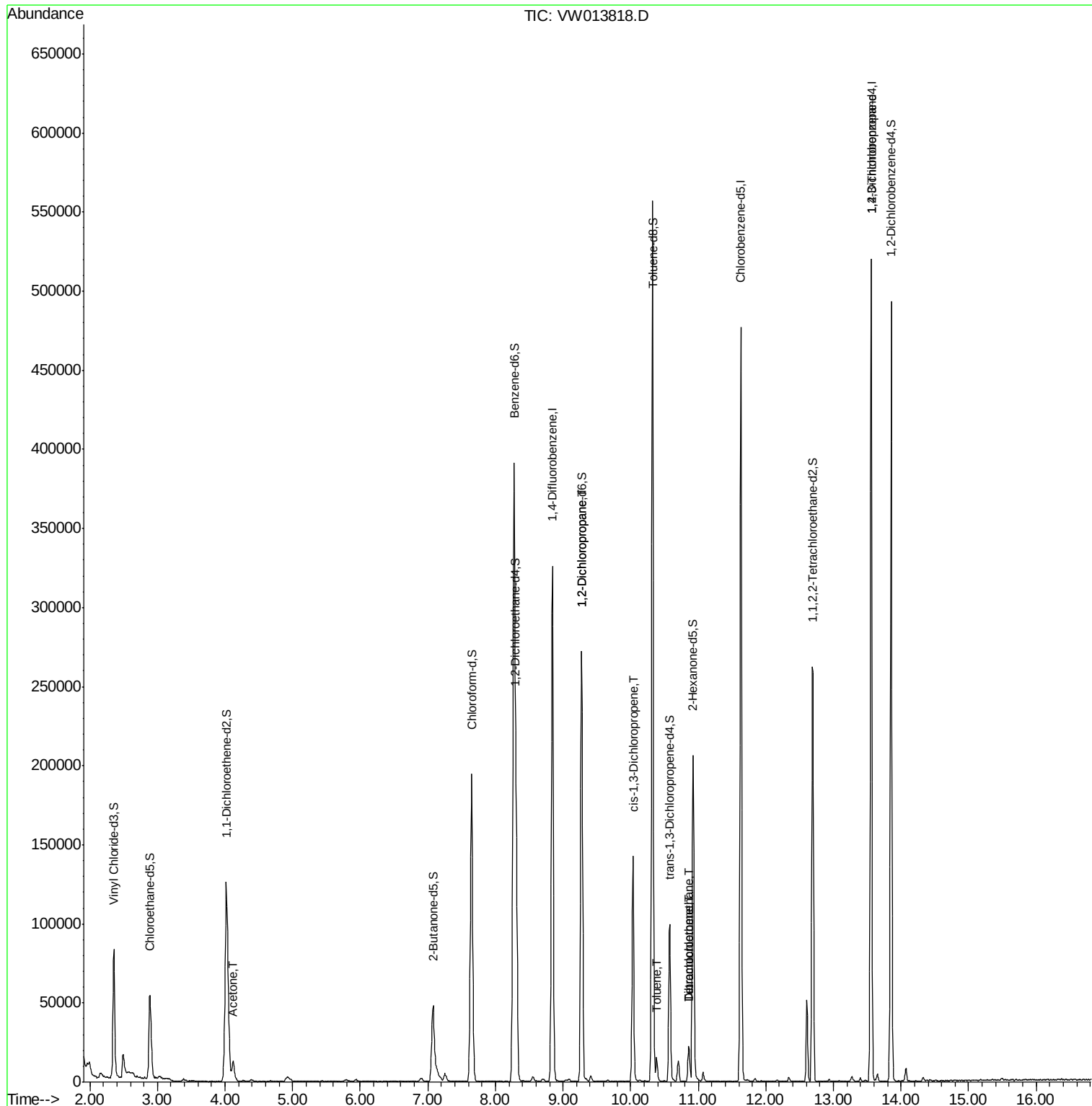
					Qvalue
13) Acetone	4.12	43	20473	14.762 ug/L	95
40) 1,2-Dichloropropane	9.27	63	14150	2.832 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3169	0.402 ug/L #	73
44) Toluene	10.39	91	11434	0.521 ug/L	96
47) Tetrachloroethene	10.86	164	5773	1.203 ug/L	94
50) Dibromochloromethane	10.86	129	5180	1.139 ug/L #	13
59) 1,2,3-Trichloropropane	13.55	75	15304	4.543 ug/L	90

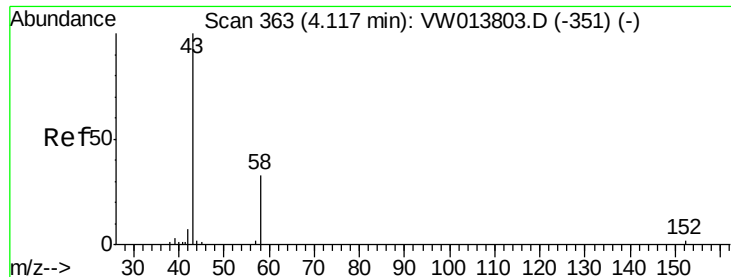
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.762 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 30 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

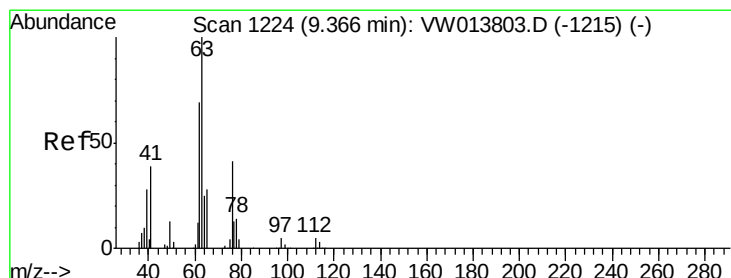
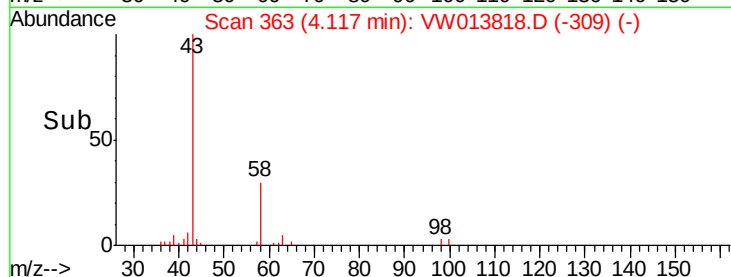
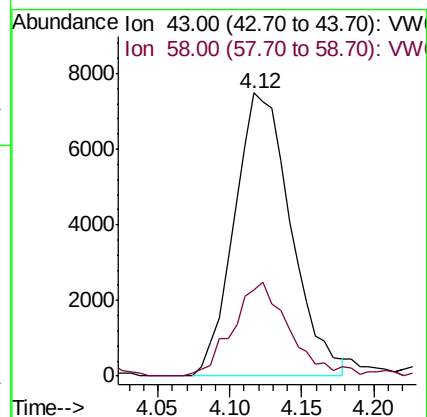
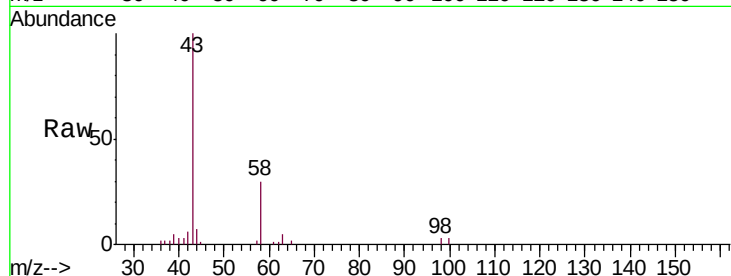
GAQ67

Tgt Ion: 43 Resp: 20473

Ion Ratio Lower Upper

43 100

58 32.1 0.0 70.4



#40

1,2-Dichloropropane

Concen: 2.832 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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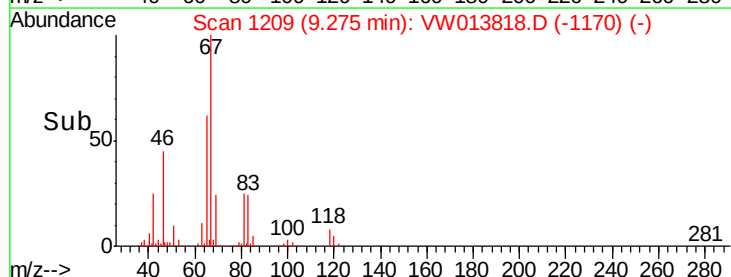
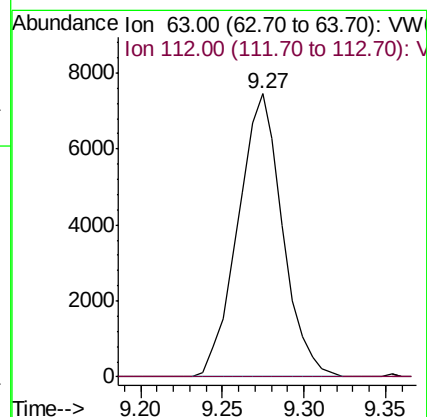
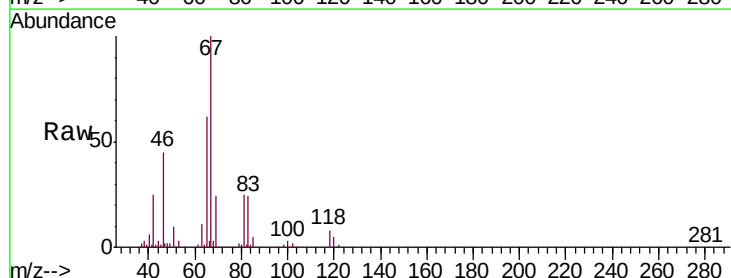
Acq: 30 Oct 2019 02:57

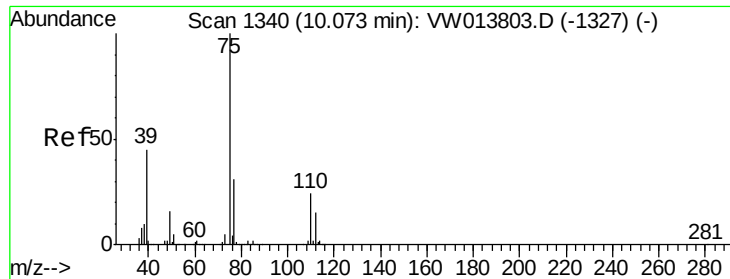
Tgt Ion: 63 Resp: 14150

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.402 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Acq: 30 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

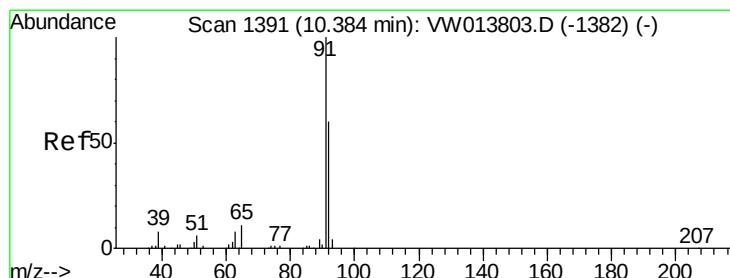
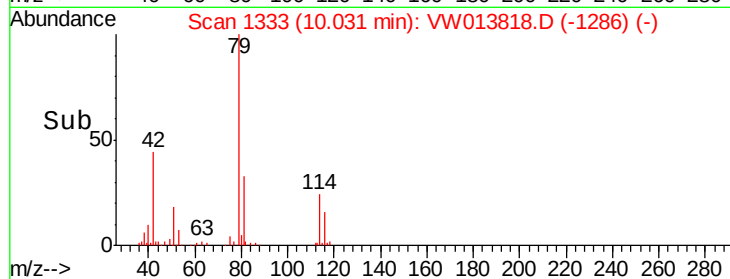
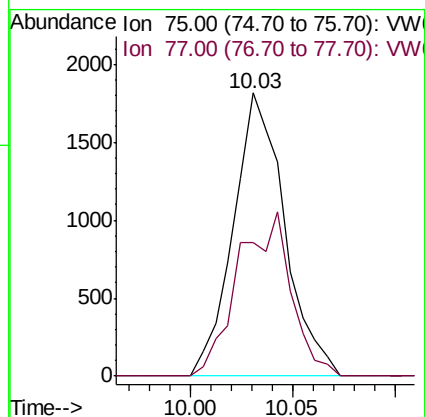
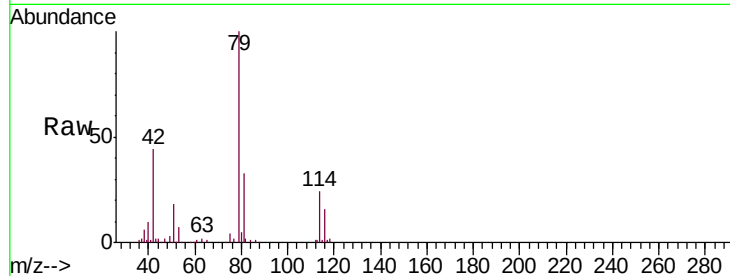
GAQ67

Tgt Ion: 75 Resp: 3169

Ion Ratio Lower Upper

75 100

77 47.2 22.5 41.9#



#44

Toluene

Concen: 0.521 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013818.D

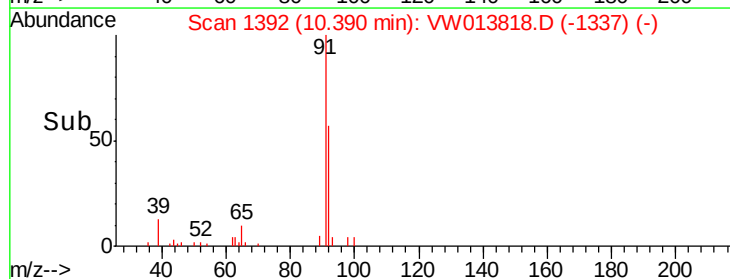
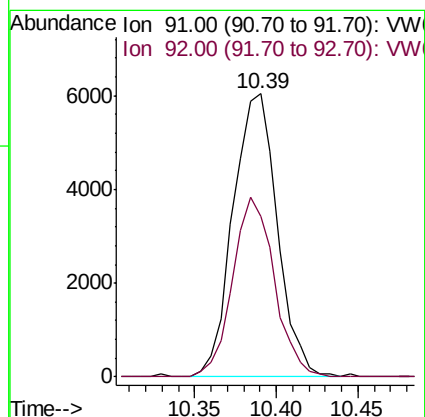
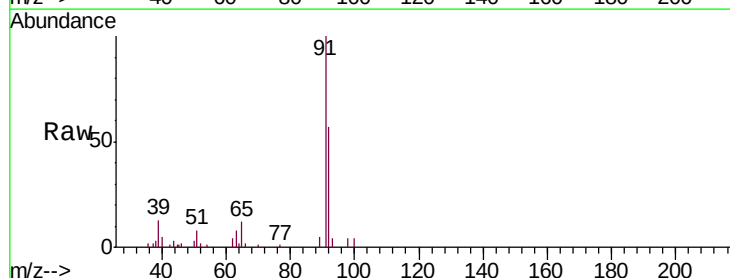
Acq: 30 Oct 2019 02:57

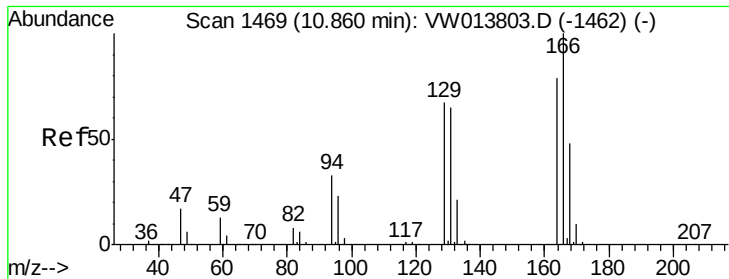
Tgt Ion: 91 Resp: 11434

Ion Ratio Lower Upper

91 100

92 56.9 42.0 78.0





#47

Tetrachloroethene

Concen: 1.203 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013818.D

Acq: 30 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

GAQ67

Tgt Ion:164 Resp: 5773

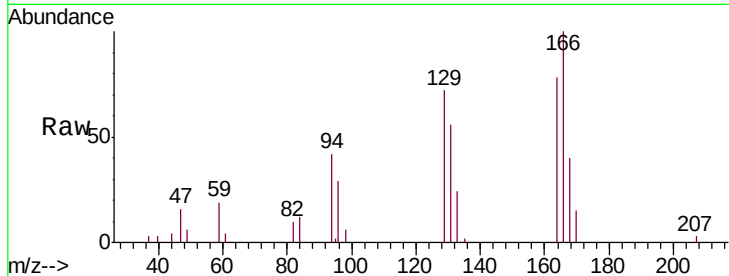
Ion Ratio Lower Upper

164 100

129 92.9 61.8 114.8

131 72.2 59.2 110.0

166 128.8 89.2 165.8

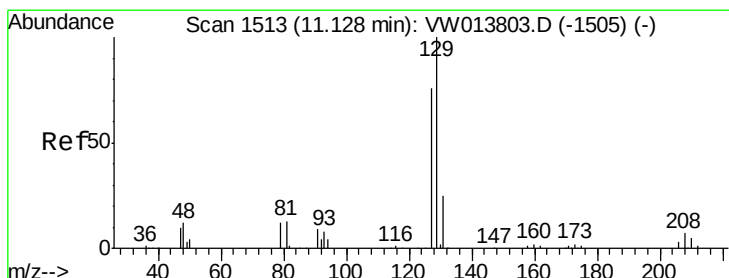
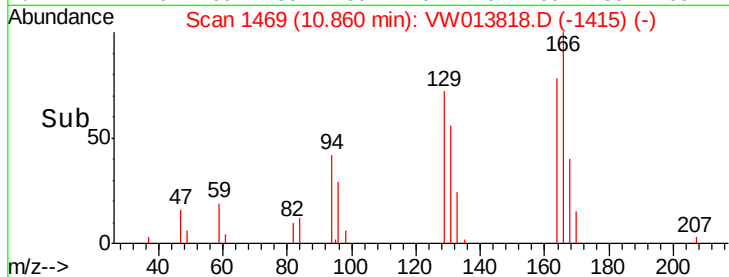
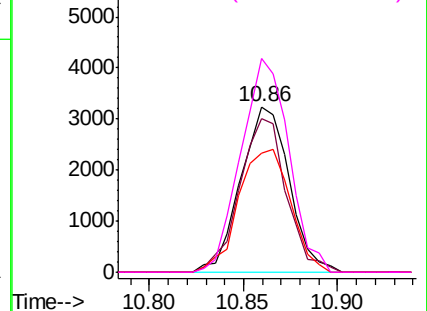


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.139 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW013818.D

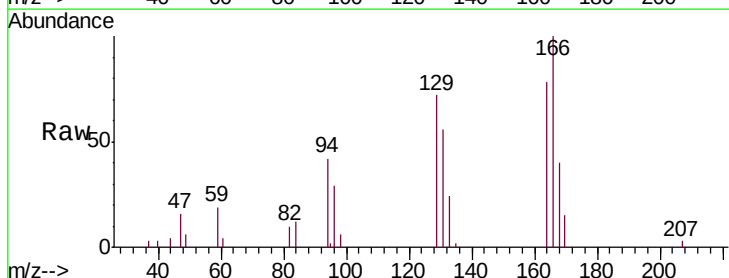
Acq: 30 Oct 2019 02:57

Tgt Ion:129 Resp: 5180

Ion Ratio Lower Upper

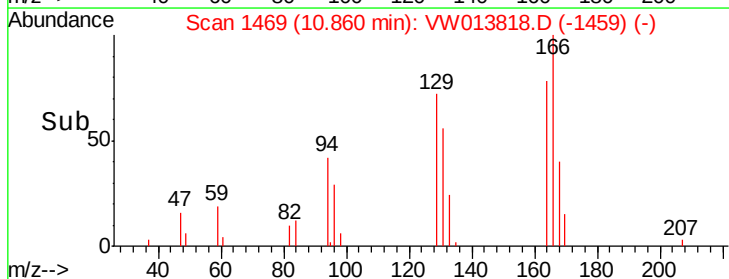
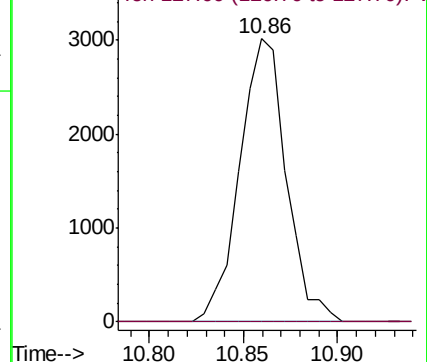
129 100

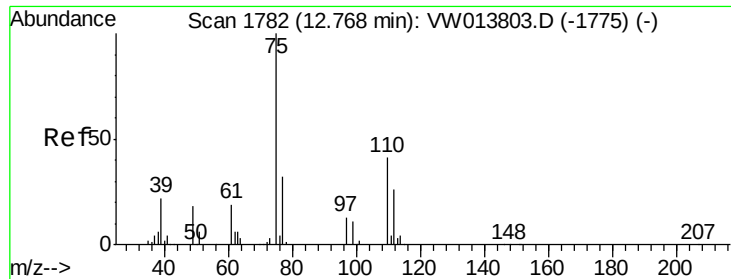
127 0.0 51.4 95.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.543 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013818.D

Acq: 30 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

GAQ67

Tgt Ion: 75 Resp: 15304

Ion Ratio Lower Upper

75 100

77 38.5 26.4 39.6

