

Data File : VW014030.D
Acq On : 14 Nov 2019 19:24
Operator : SY/VA
Sample : K5811-01
Misc : 5.89G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETON9

Quant Time: Nov 15 01:50:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373724	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351965	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169538	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122915	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
7) Chloroethane-d5	2.89	69	106958	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.01	63	194461	15.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.56%
20) 2-Butanone-d5	7.07	46	82162	47.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.86%
24) Chloroform-d	7.65	84	278488	24.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	8.30	65	150569	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.24%
29) Benzene-d6	8.27	84	595202	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.27	67	181313	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	10.32	98	536912	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.68%
38) trans-1,3-Dichloropropene-	10.57	79	72016	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.96%
39) 2-Hexanone-d5	10.92	63	65059	46.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130503	23.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	157661	23.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.60%

Target Compounds

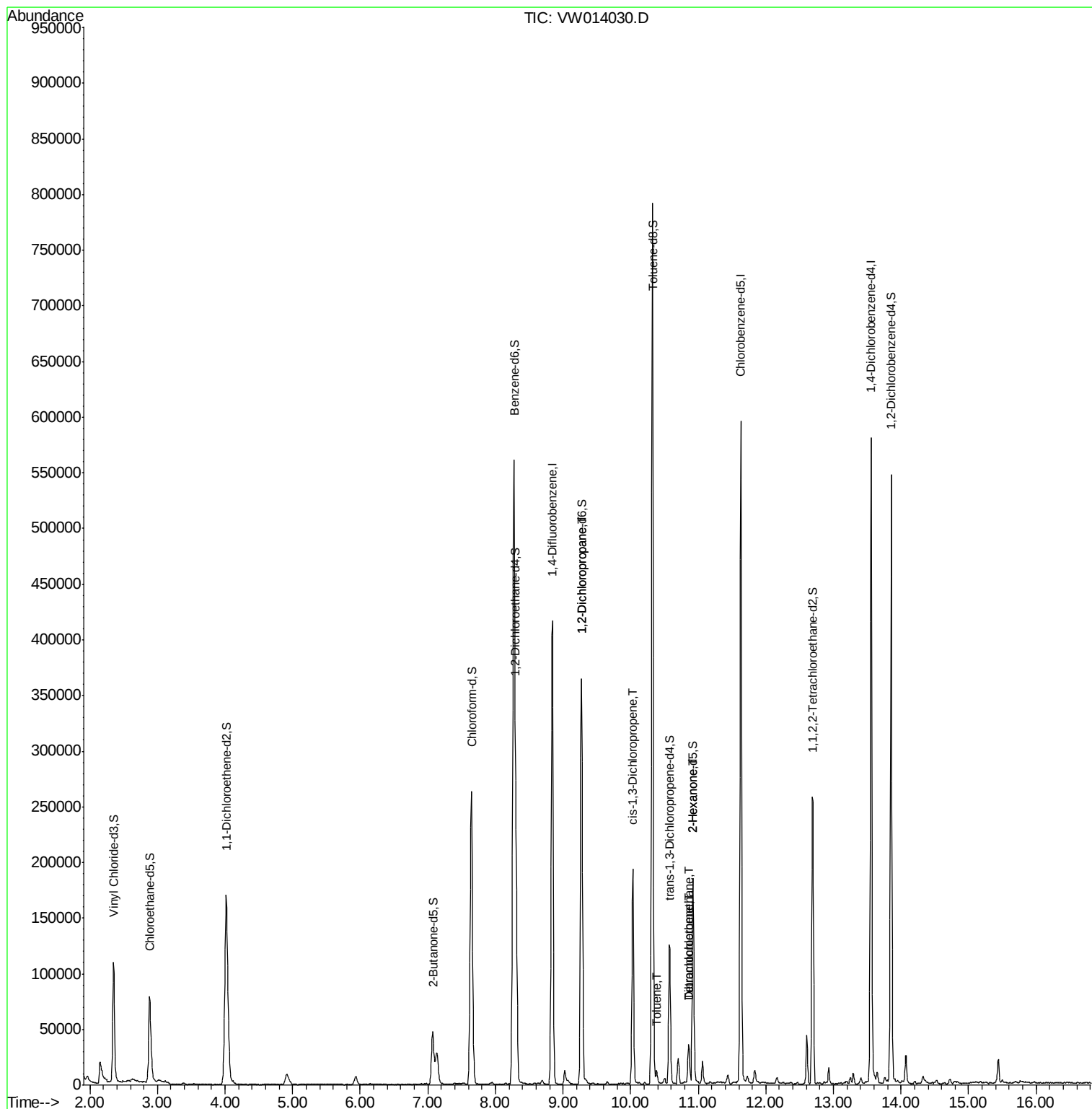
					Qvalue
40) 1,2-Dichloropropane	9.27	63	18723	3.013 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	4292	0.438 ug/L #	67
44) Toluene	10.38	91	8832	0.314 ug/L	91
47) Tetrachloroethene	10.86	164	8469	1.380 ug/L	96
49) 2-Hexanone	10.92	43	7587	2.565 ug/L #	64
50) Dibromochloromethane	10.86	129	7507	1.399 ug/L #	10

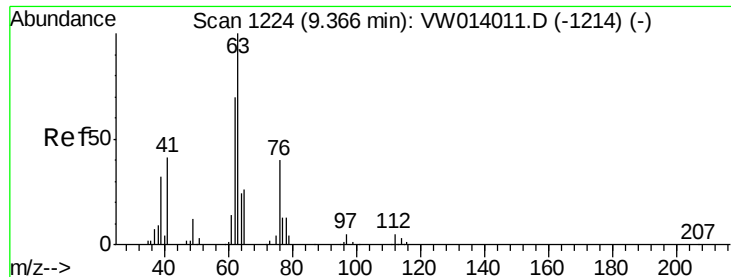
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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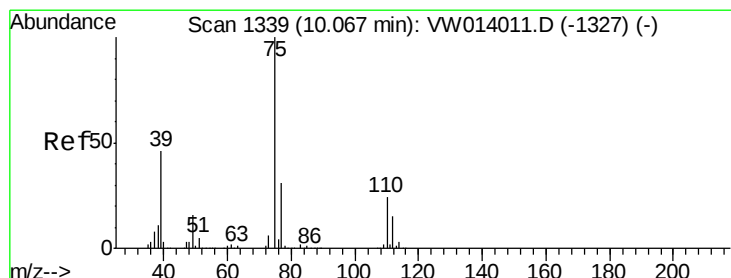
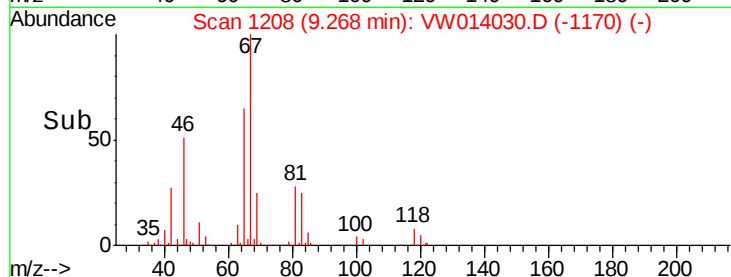
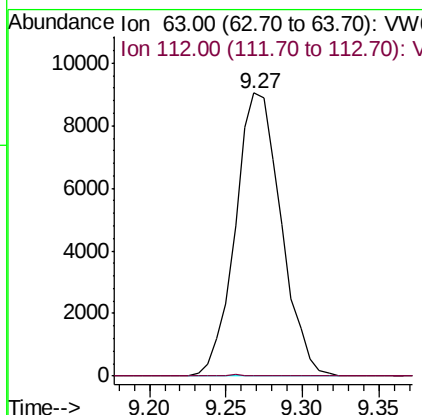
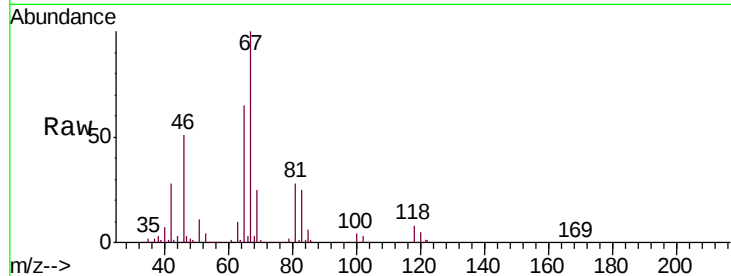




#40
 1,2-Dichloropropane
 Concen: 3.013 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW014030.D
 Acq: 14 Nov 2019 19:24

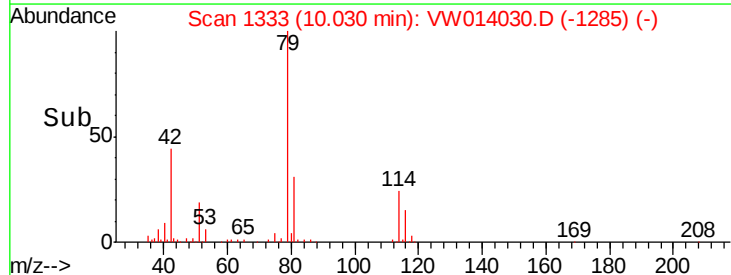
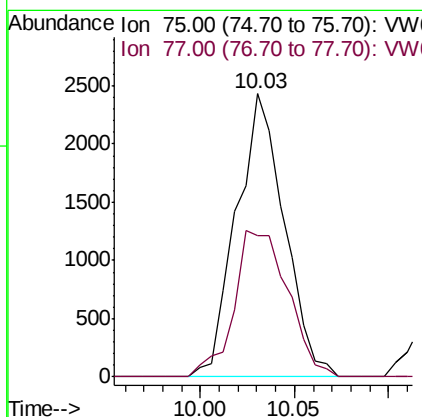
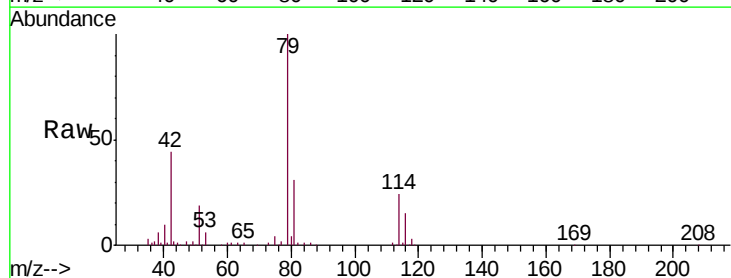
Instrument :
 MSVOA_W
 ClientSampleId :
 ET09

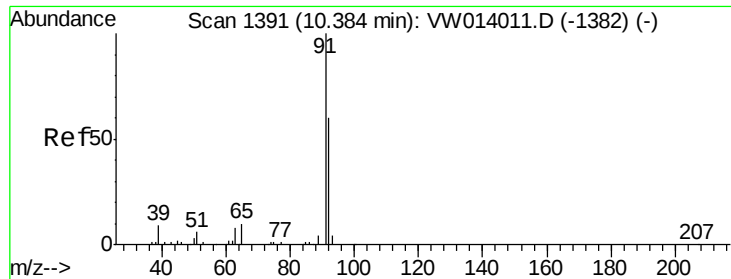
Tgt Ion: 63 Resp: 18723
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.438 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014030.D
 Acq: 14 Nov 2019 19:24

Tgt Ion: 75 Resp: 4292
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.1 41.1#





#44

Toluene

Concen: 0.314 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014030.D

Acq: 14 Nov 2019 19:24

Instrument :

MSVOA_W

ClientSampled :

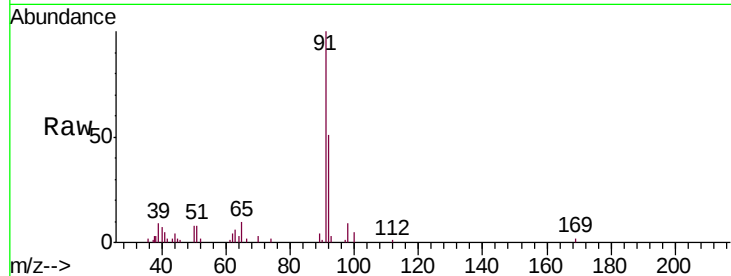
ETON9

Tgt Ion: 91 Resp: 8832

Ion Ratio Lower Upper

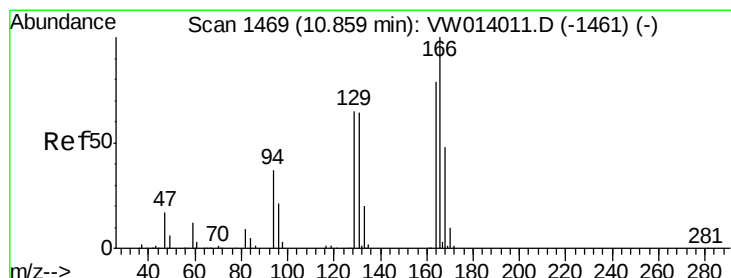
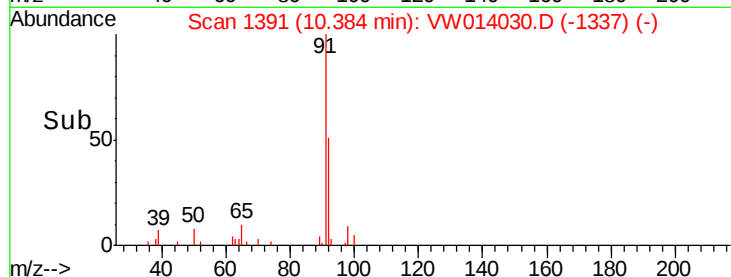
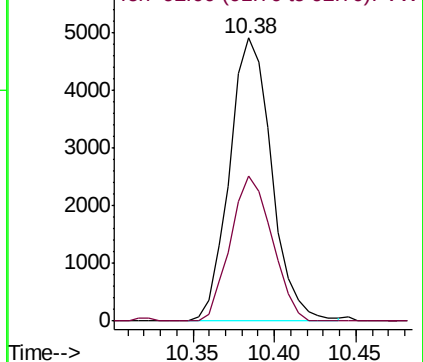
91 100

92 51.5 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 1.380 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014030.D

Acq: 14 Nov 2019 19:24

Tgt Ion: 164 Resp: 8469

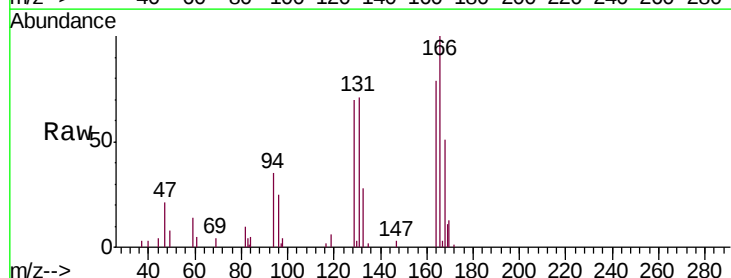
Ion Ratio Lower Upper

164 100

129 88.6 60.6 112.6

131 90.0 59.1 109.7

166 125.9 90.8 168.6

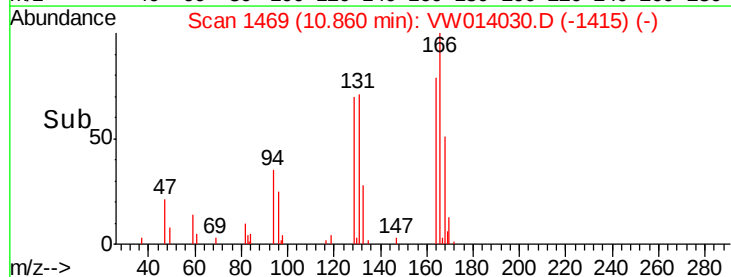
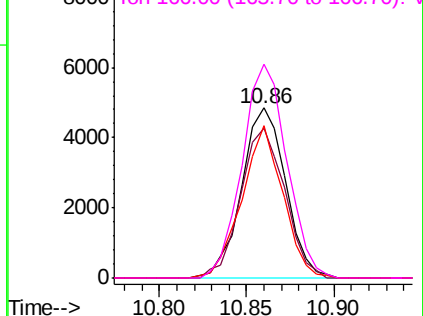


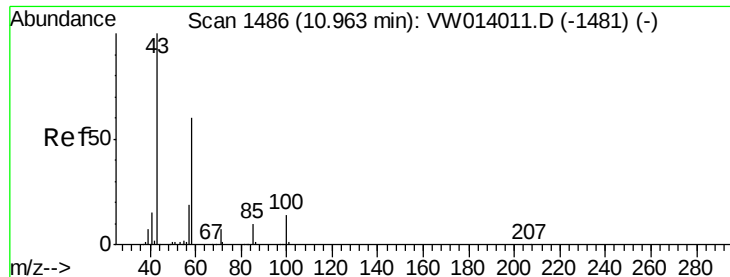
Abundance Ion 164.00 (163.70 to 164.70): V

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





#49

2-Hexanone

Concen: 2.565 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014030.D

Acq: 14 Nov 2019 19:24

Instrument :

MSVOA_W

ClientSampled :

ETON9

Tgt Ion: 43 Resp: 7587

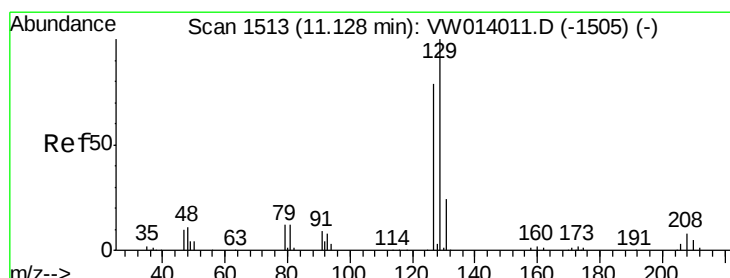
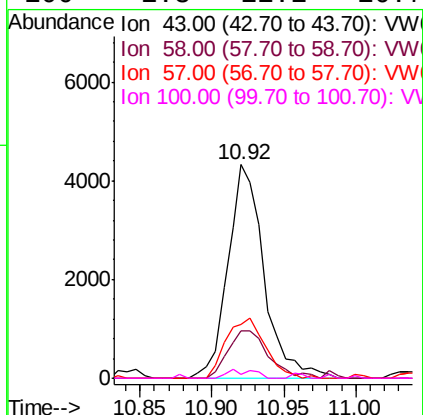
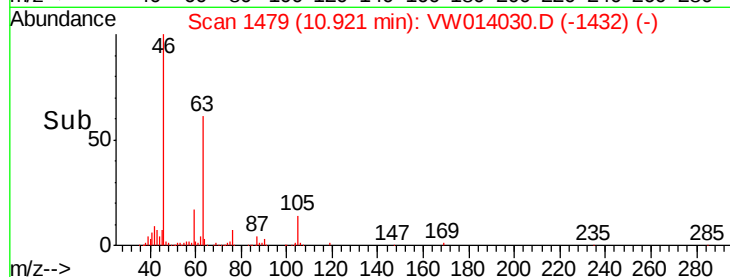
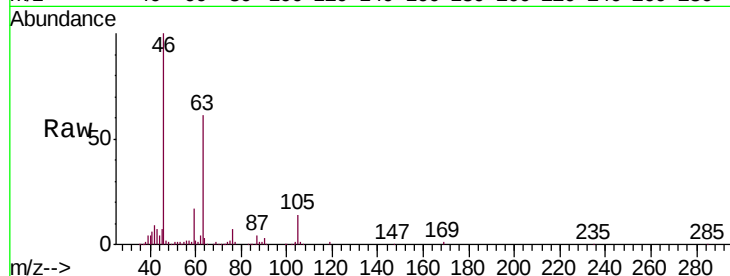
Ion Ratio Lower Upper

43 100

58 23.9 44.4 66.6#

57 30.1 16.5 24.7#

100 1.3 11.1 16.7#



#50

Dibromochloromethane

Concen: 1.399 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW014030.D

Acq: 14 Nov 2019 19:24

Tgt Ion: 129 Resp: 7507

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#

