

Data File : VW013820.D
Acq On : 30 Oct 2019 03:50
Operator : SY/VA
Sample : K5549-16
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ69

Quant Time: Oct 30 08:20:37 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	239183	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223308	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99683	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83110	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.28%
7) Chloroethane-d5	2.89	69	65392	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
10) 1,1-Dichloroethene-d2	4.02	63	125734	19.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.60%
20) 2-Butanone-d5	7.08	46	68789	65.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.08%
24) Chloroform-d	7.65	84	171727	25.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	8.31	65	100727	28.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.12%
29) Benzene-d6	8.27	84	356430	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	9.27	67	112843	28.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.64%
37) Toluene-d8	10.32	98	315208	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.88%
38) trans-1,3-Dichloropropene-	10.58	79	45143	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.88%
39) 2-Hexanone-d5	10.93	63	57753	75.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.80%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108943	33.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	89421	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds

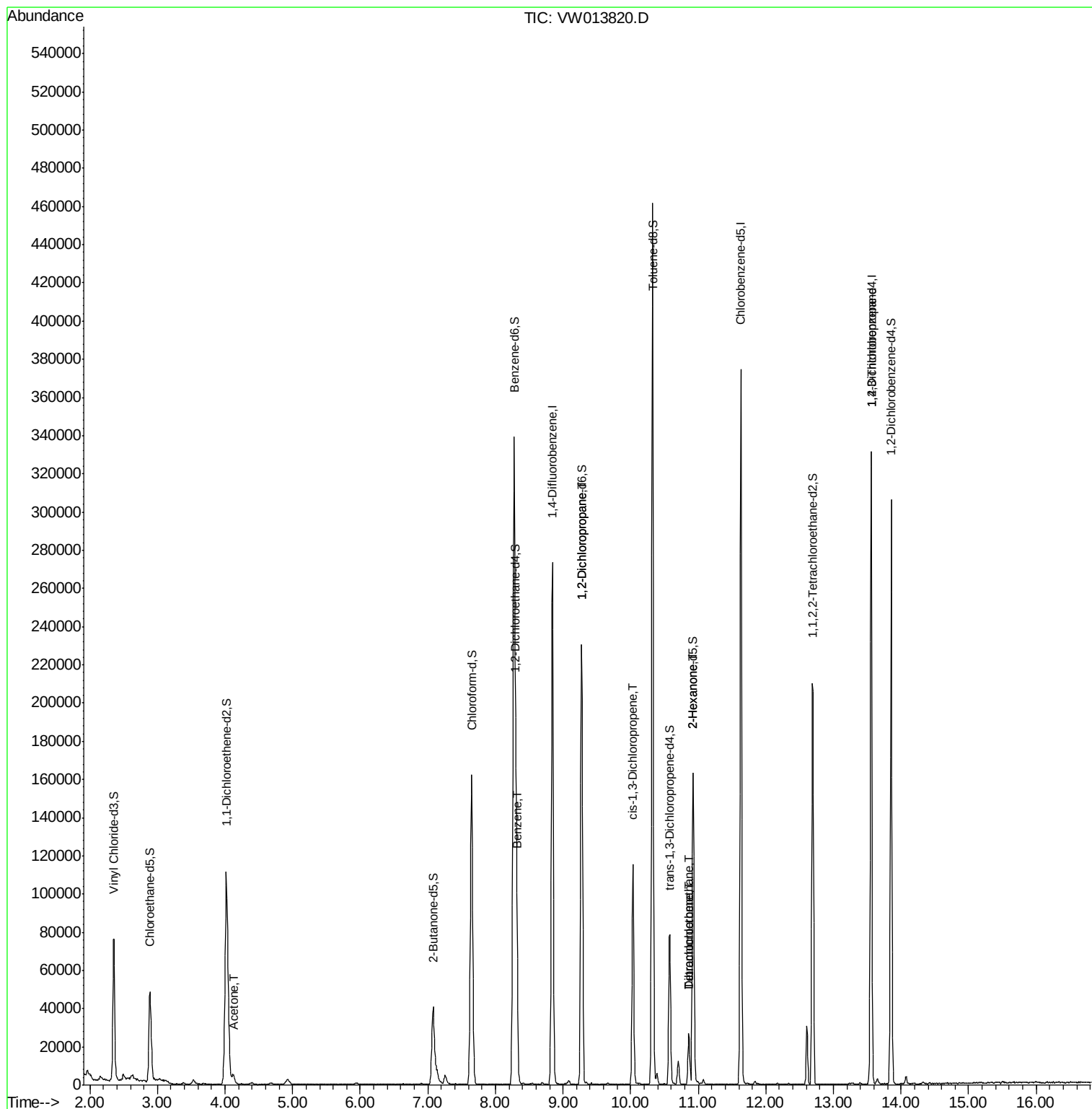
					Qvalue
13) Acetone	4.13	43	8532	7.324 ug/L	73
34) Benzene	8.32	78	11559	0.721 ug/L	100
40) 1,2-Dichloropropane	9.27	63	11968	3.055 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	2480	0.401 ug/L #	74
47) Tetrachloroethene	10.86	164	6657	1.769 ug/L	94
49) 2-Hexanone	10.93	43	6742	3.555 ug/L #	69
50) Dibromochloromethane	10.86	129	5708	1.601 ug/L #	13
59) 1,2,3-Trichloropropane	13.55	75	10099	3.824 ug/L	94

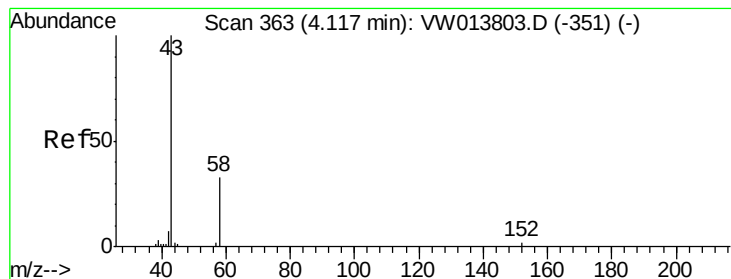
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.324 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013820.D

Acq: 30 Oct 2019 03:50

Instrument :

MSVOA_W

ClientSampled :

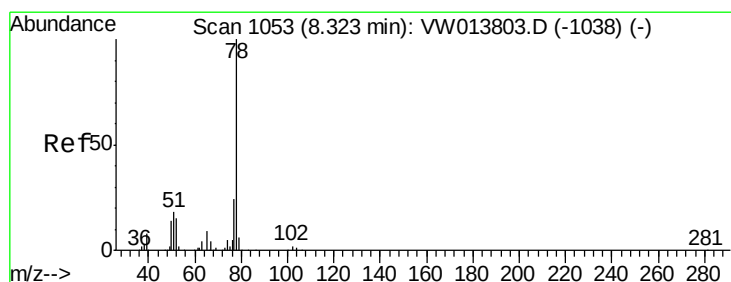
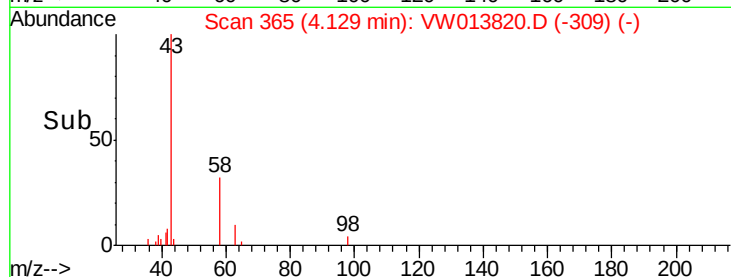
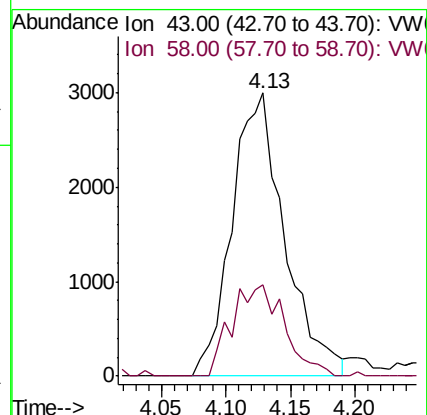
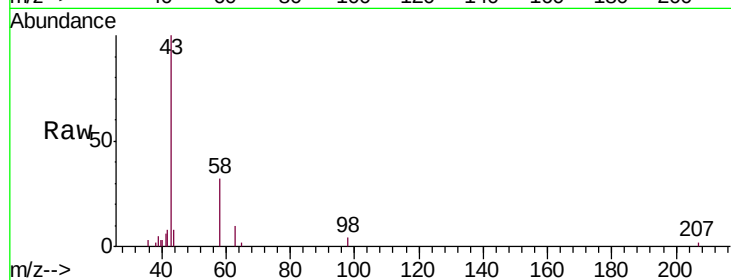
GAQ69

Tgt Ion: 43 Resp: 8532

Ion Ratio Lower Upper

43 100

58 19.7 0.0 70.4



#34

Benzene

Concen: 0.721 ug/L

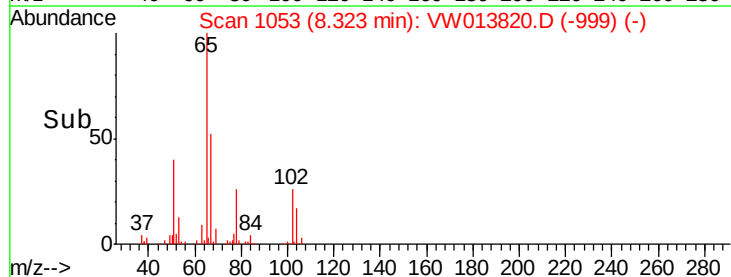
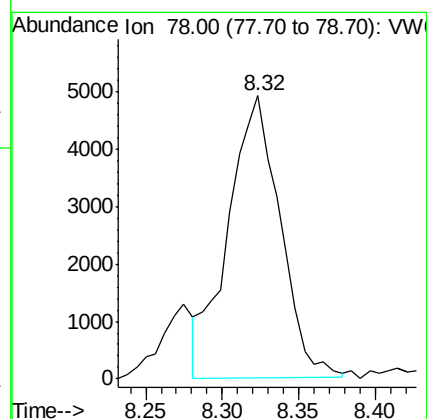
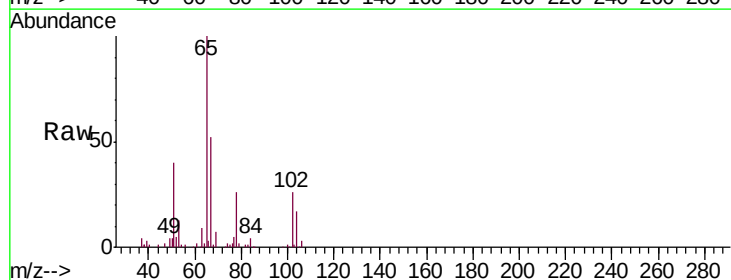
RT: 8.32 min Scan# 1053

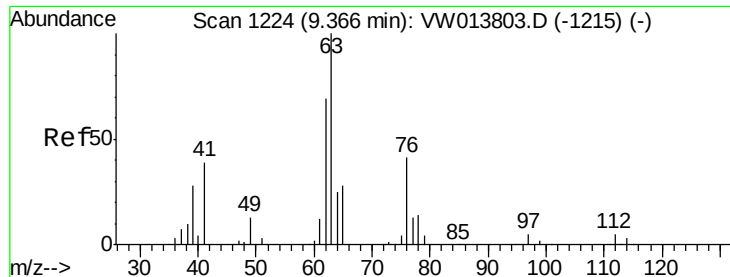
Delta R.T. 0.00 min

Lab File: VW013820.D

Acq: 30 Oct 2019 03:50

Tgt Ion: 78 Resp: 11559

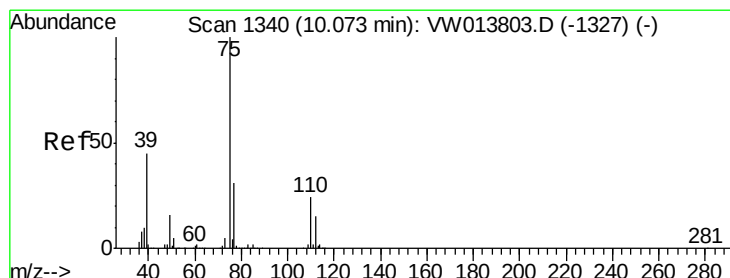
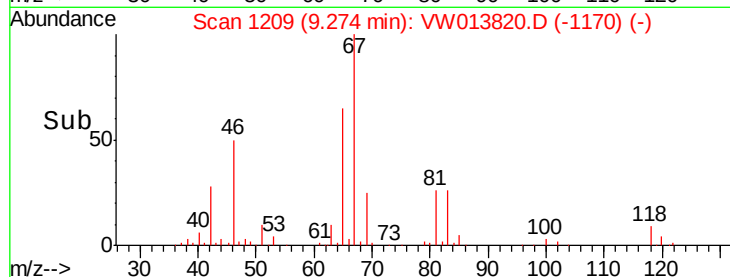
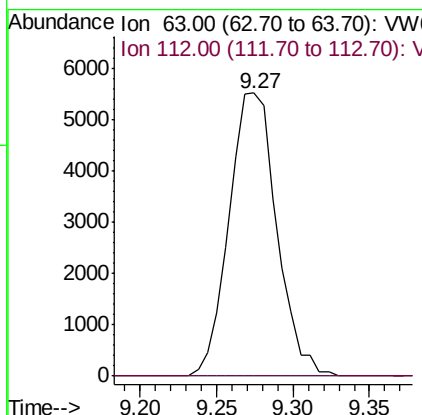
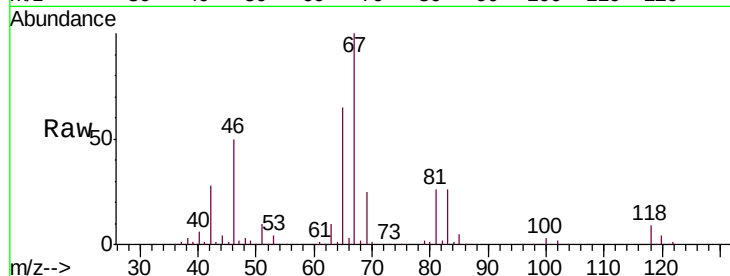




#40
 1,2-Dichloropropane
 Concen: 3.055 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW013820.D
 Acq: 30 Oct 2019 03:50

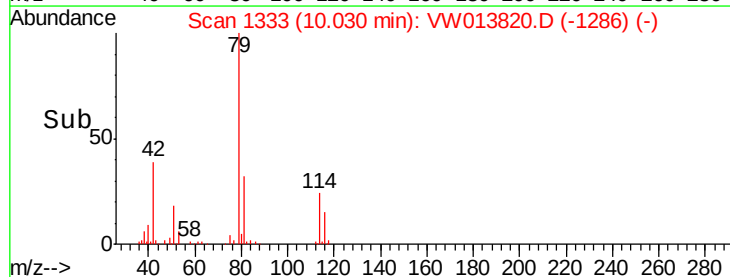
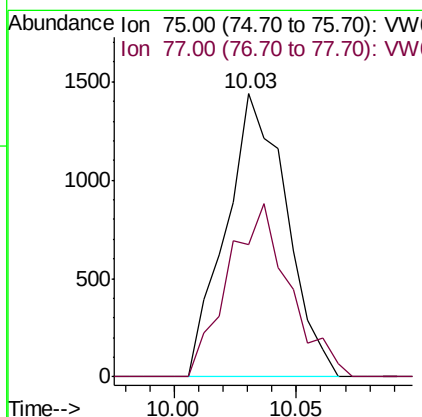
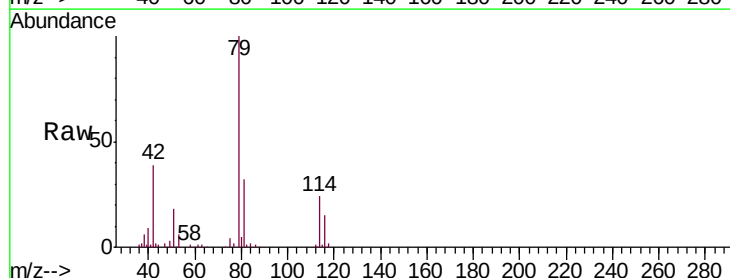
Instrument :
 MSVOA_W
 ClientSampled :
 GAQ69

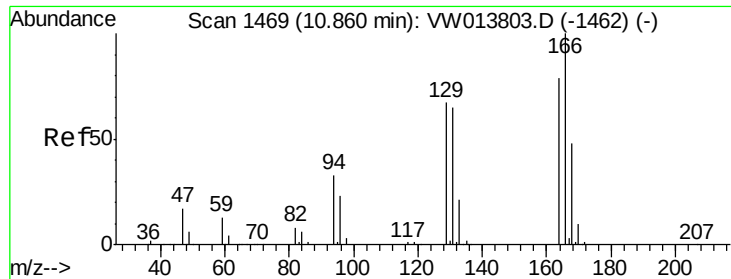
Tgt Ion: 63 Resp: 11968
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.401 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013820.D
 Acq: 30 Oct 2019 03:50

Tgt Ion: 75 Resp: 2480
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.5 41.9#





#47

Tetrachloroethene

Concen: 1.769 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013820.D

Acq: 30 Oct 2019 03:50

Instrument :

MSVOA_W

ClientSampleId :

GAQ69

Tgt Ion:164 Resp: 6657

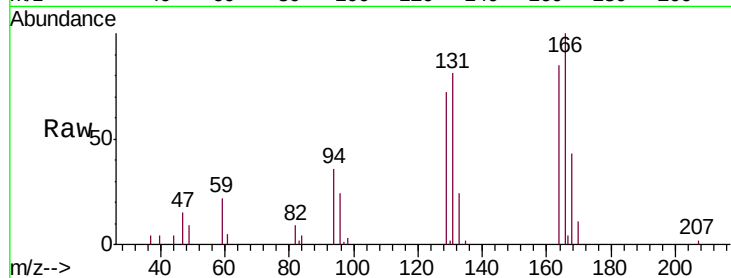
Ion Ratio Lower Upper

164 100

129 84.6 61.8 114.8

131 94.3 59.2 110.0

166 121.2 89.2 165.8

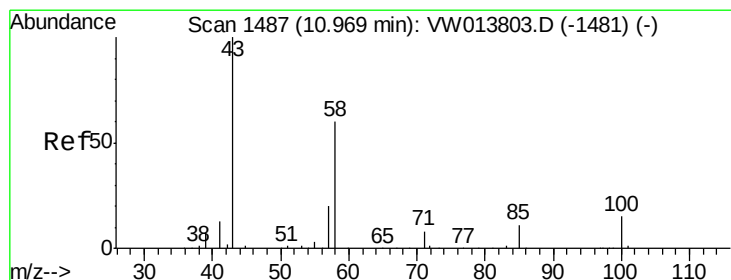
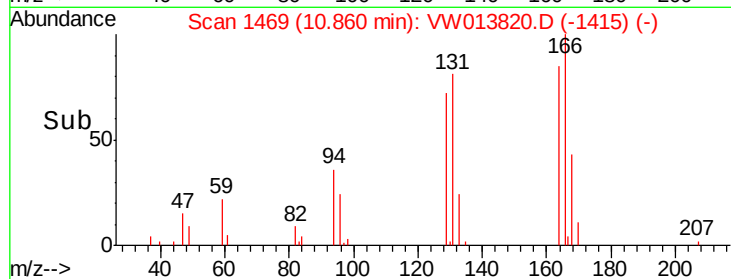
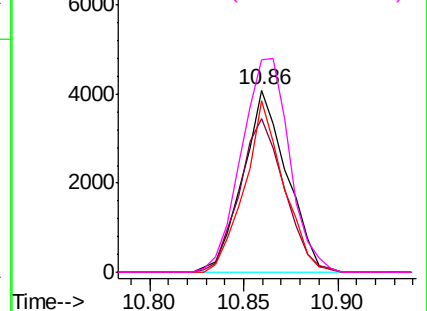


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 3.555 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW013820.D

Acq: 30 Oct 2019 03:50

Tgt Ion: 43 Resp: 6742

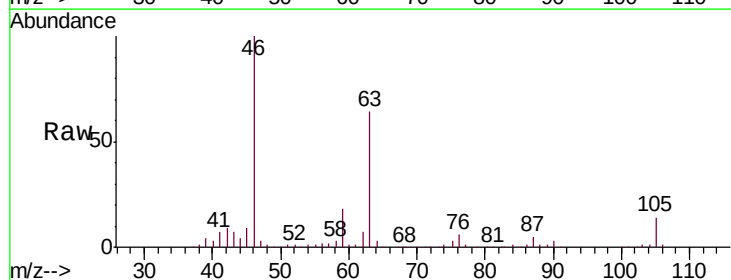
Ion Ratio Lower Upper

43 100

58 32.3 45.8 68.6#

57 29.8 15.4 23.2#

100 0.5 10.8 16.2#

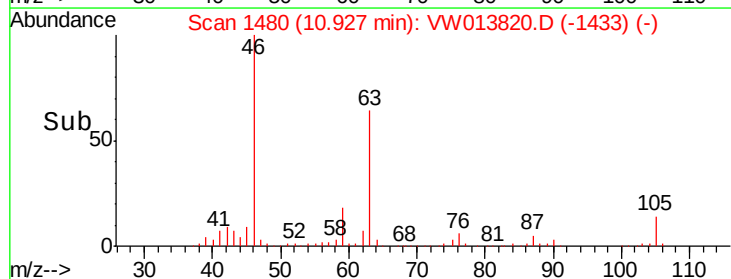
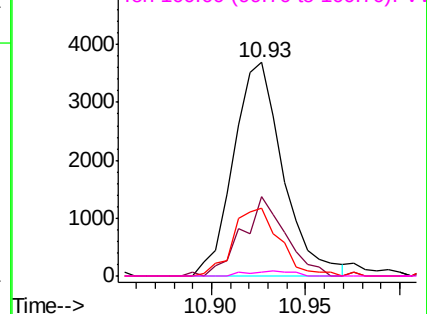


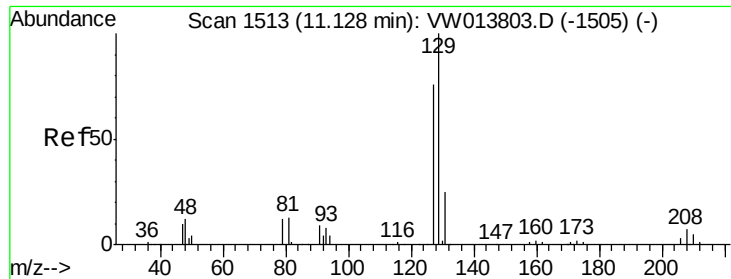
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 1.601 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW013820.D

Acq: 30 Oct 2019 03:50

Instrument :

MSVOA_W

ClientSampleId :

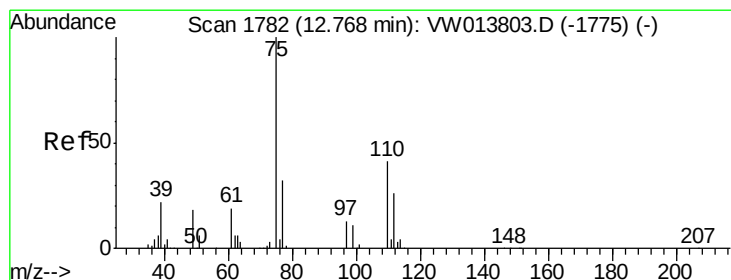
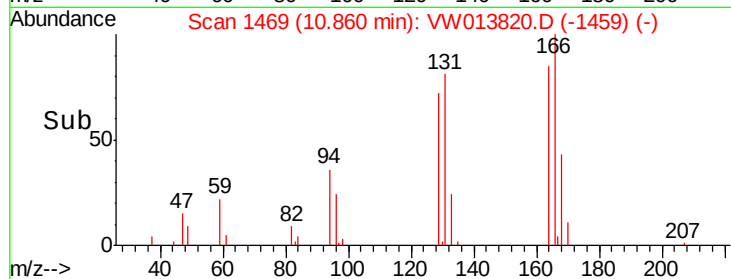
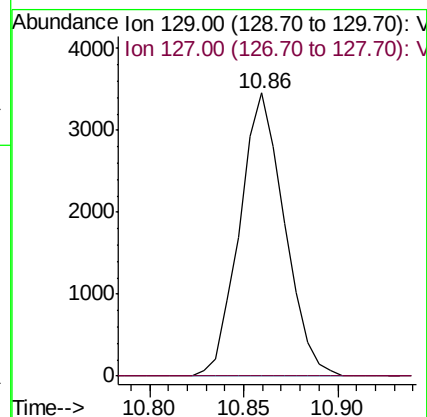
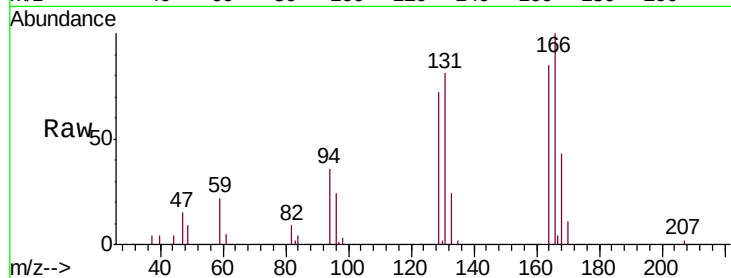
GAQ69

Tgt Ion:129 Resp: 5708

Ion Ratio Lower Upper

129 100

127 0.0 51.4 95.5#



#59

1,2,3-Trichloropropane

Concen: 3.824 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013820.D

Acq: 30 Oct 2019 03:50

Tgt Ion: 75 Resp: 10099

Ion Ratio Lower Upper

75 100

77 36.4 26.4 39.6

