

Data File : VV010309.D
Acq On : 13 Apr 2019 01:56
Operator : SY/MD
Sample : K2254-23
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Apr 13 05:54:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	307693	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	293444	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123999	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	63264	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
7) Chloroethane-d5	1.55	69	68761	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	2.11	63	114858	12.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.96%
20) 2-Butanone-d5	3.92	46	48376	53.97	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.94%
24) Chloroform-d	4.39	84	137677	19.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.36%
26) 1,2-Dichloroethane-d4	5.07	65	94523	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	5.09	84	309419	21.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.48%
33) 1,2-Dichloropropane-d6	6.11	67	97109	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.28%
37) Toluene-d8	7.36	98	291041	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.36%
38) trans-1,3-Dichloropropene-	7.66	79	36533	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.28%
39) 2-Hexanone-d5	8.13	63	33397	45.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85489	22.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	103482	22.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.40%

Target Compounds

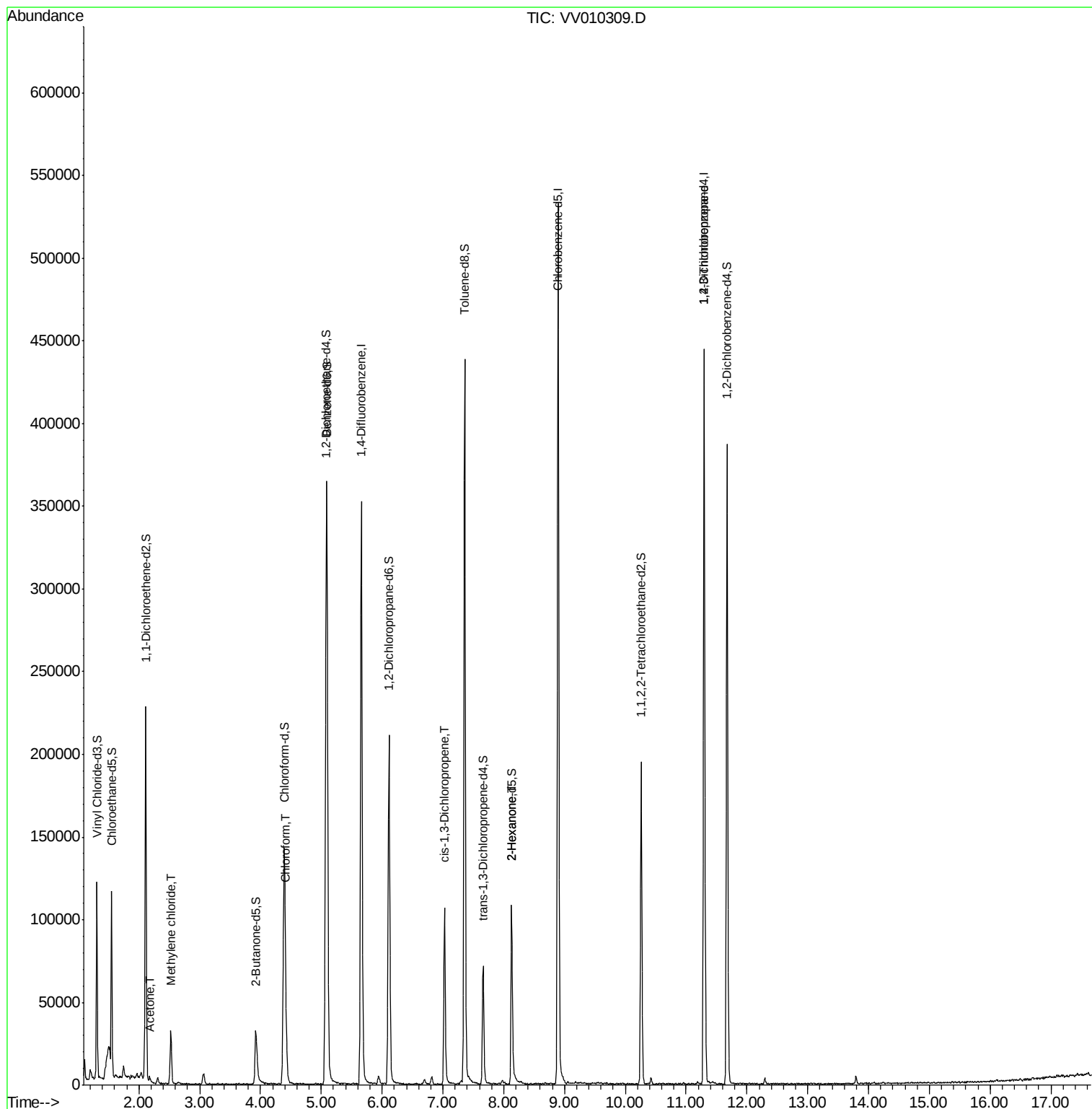
					Qvalue
13) Acetone	2.18	43	1213	1.267 ug/L	82
16) Methylene chloride	2.52	84	13588	2.255 ug/L	98
25) Chloroform	4.42	83	19481	2.585 ug/L	91
42) cis-1,3-Dichloropropene	7.02	75	3185	0.577 ug/L #	61
49) 2-Hexanone	8.13	43	4502	2.907 ug/L #	68
59) 1,2,3-Trichloropropane	11.29	75	15092	5.374 ug/L	93

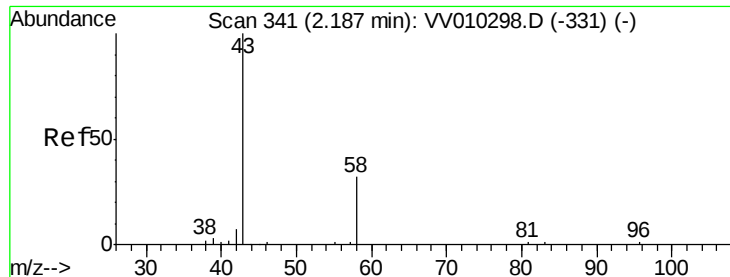
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.267 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Acq: 13 Apr 2019 01:56

Instrument :

MSVOA_V

ClientSampleId :

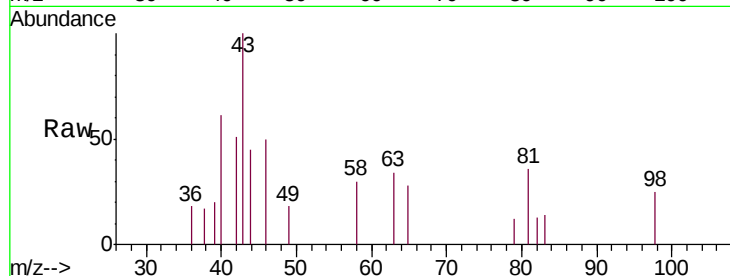
VHBLK01

Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

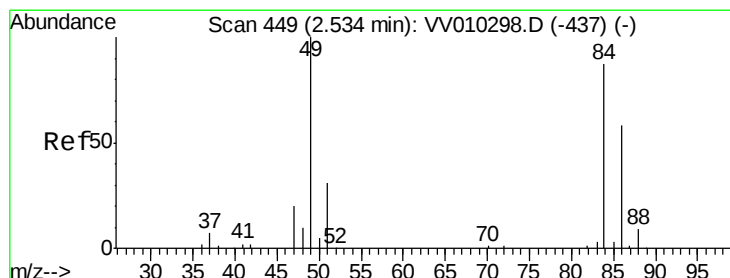
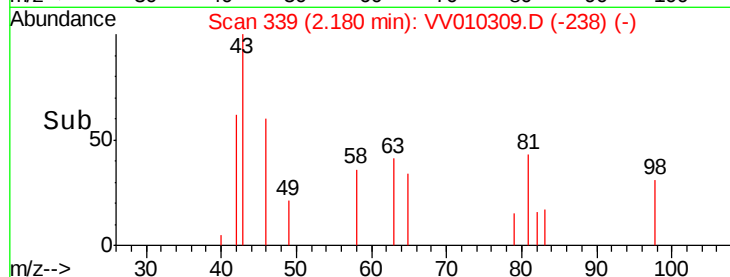
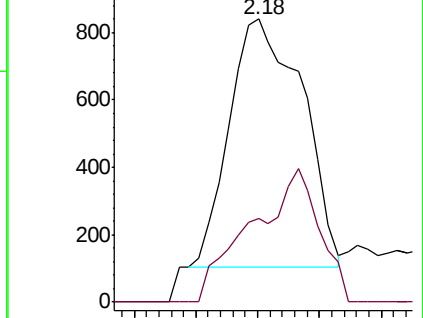
43 100

58 20.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)



#16

Methylene chloride

Concen: 2.255 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

Lab File: VV010309.D

Acq: 13 Apr 2019 01:56

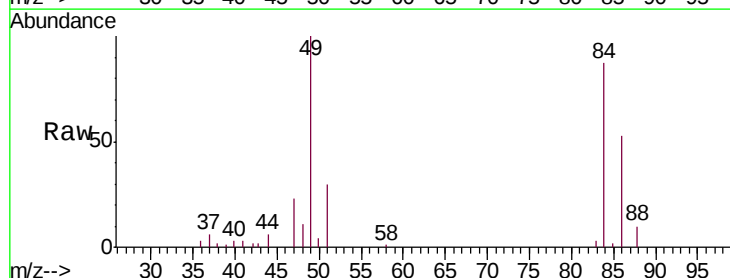
Tgt Ion: 84 Resp: 13588

Ion Ratio Lower Upper

84 100

49 115.2 79.9 148.5

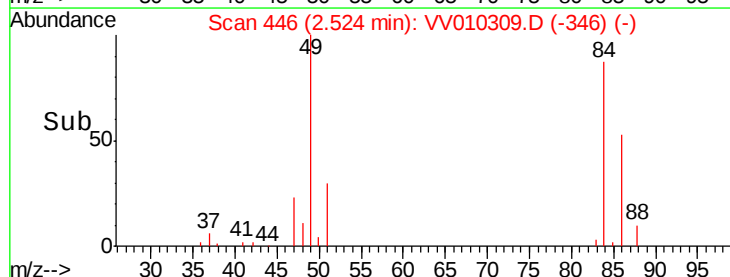
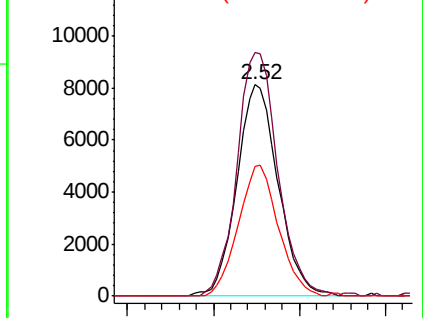
86 61.5 44.5 82.7

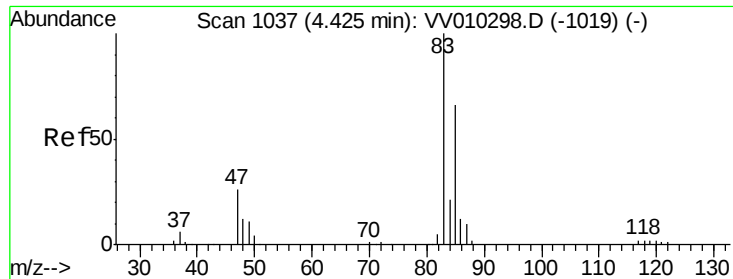


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)

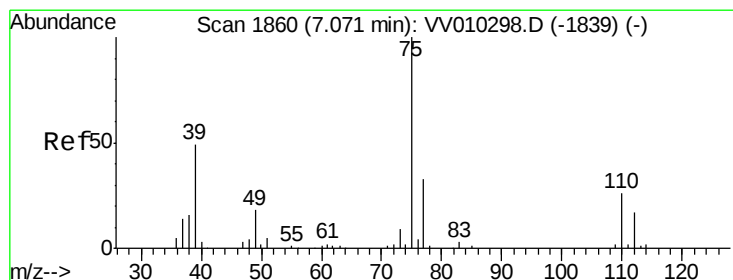
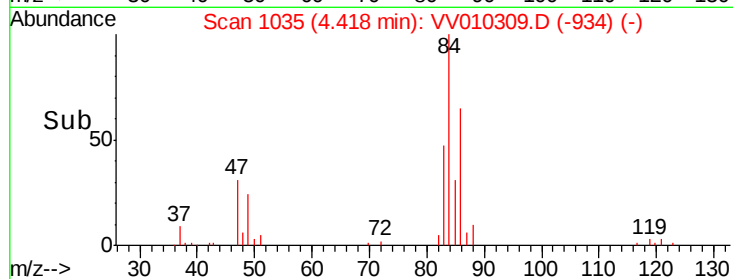
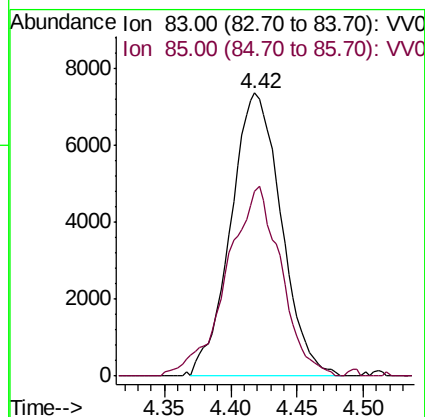
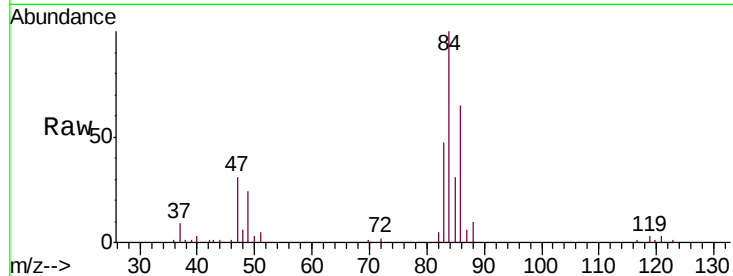




#25
Chloroform
Concen: 2.585 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010309.D
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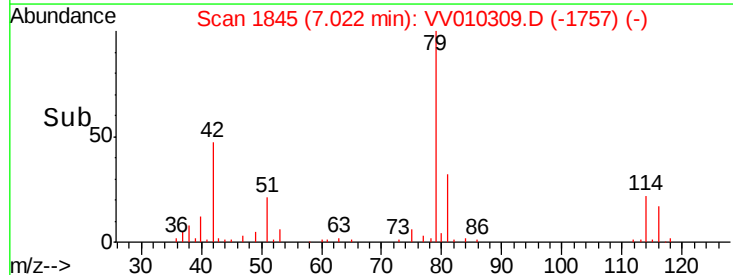
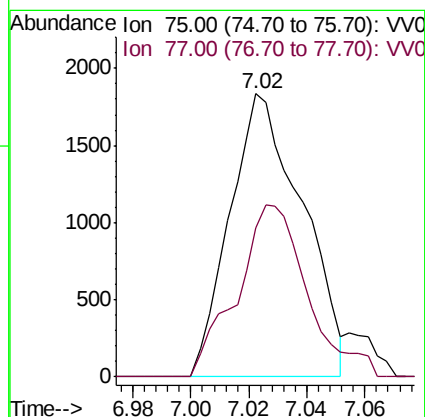
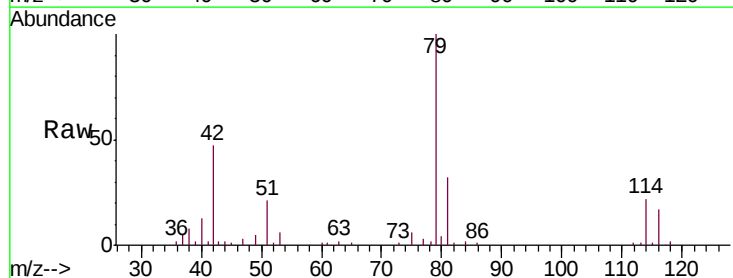
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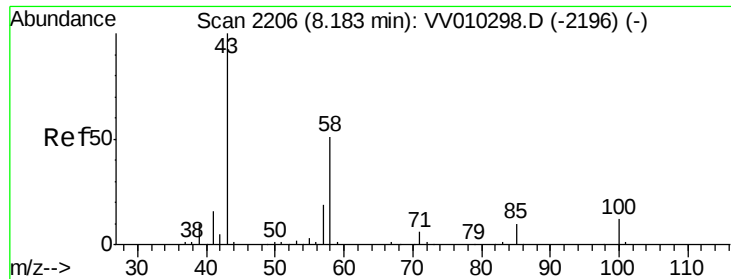
Tgt Ion: 83 Resp: 19481
Ion Ratio Lower Upper
83 100
85 71.9 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.577 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV010309.D
Acq: 13 Apr 2019 01:56

Tgt Ion: 75 Resp: 3185
Ion Ratio Lower Upper
75 100
77 52.6 21.9 40.7#

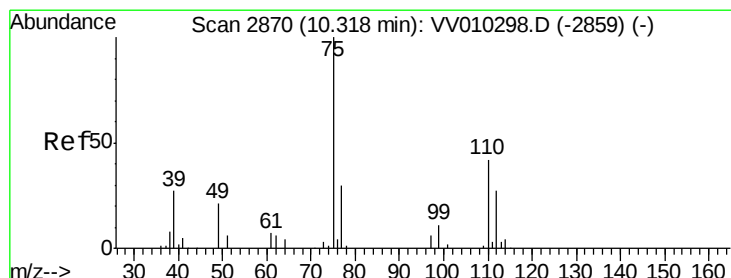
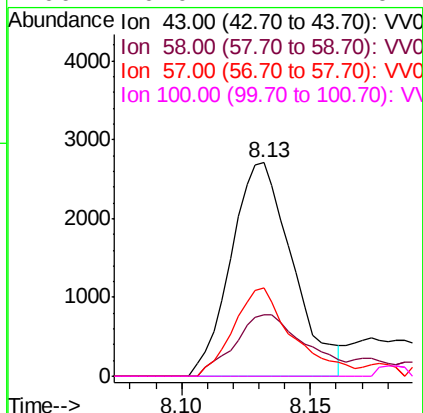
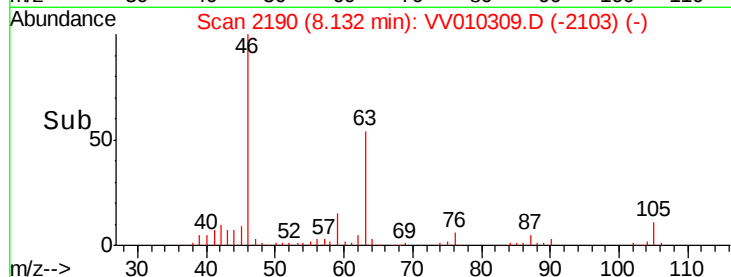
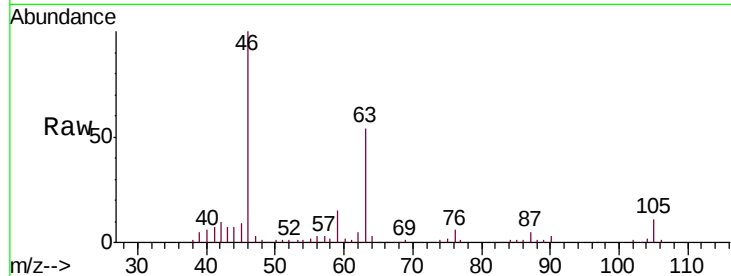




#49
2-Hexanone
Concen: 2.907 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV010309.D
Acq: 13 Apr 2019 01:56

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 4502
Ion Ratio Lower Upper
43 100
58 33.5 42.8 64.2#
57 39.6 16.2 24.4#
100 0.0 11.1 16.7#



#59
1,2,3-Trichloropropane
Concen: 5.374 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010309.D
Acq: 13 Apr 2019 01:56

Tgt Ion: 75 Resp: 15092
Ion Ratio Lower Upper
75 100
77 37.9 26.9 40.3

