

Data File : VV009367.D
Acq On : 26 Feb 2019 14:47
Operator : SY/MD
Sample : VV0226SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK63

Quant Time: Feb 27 04:46:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178596	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57138	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.72%
7) Chloroethane-d5	1.58	69	80679	27.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.48%
10) 1,1-Dichloroethene-d2	2.13	63	116746	19.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.60%
20) 2-Butanone-d5	3.95	46	31368	46.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.68%
24) Chloroform-d	4.40	84	106326	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	59503	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	5.10	84	224787	26.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.40%
33) 1,2-Dichloropropane-d6	6.12	67	67726	27.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.36%
37) Toluene-d8	7.36	98	213216	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.24%
38) trans-1,3-Dichloropropene-	7.67	79	30498	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.64%
39) 2-Hexanone-d5	8.14	63	26172	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58109	23.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	69609	24.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.76%

Target Compounds

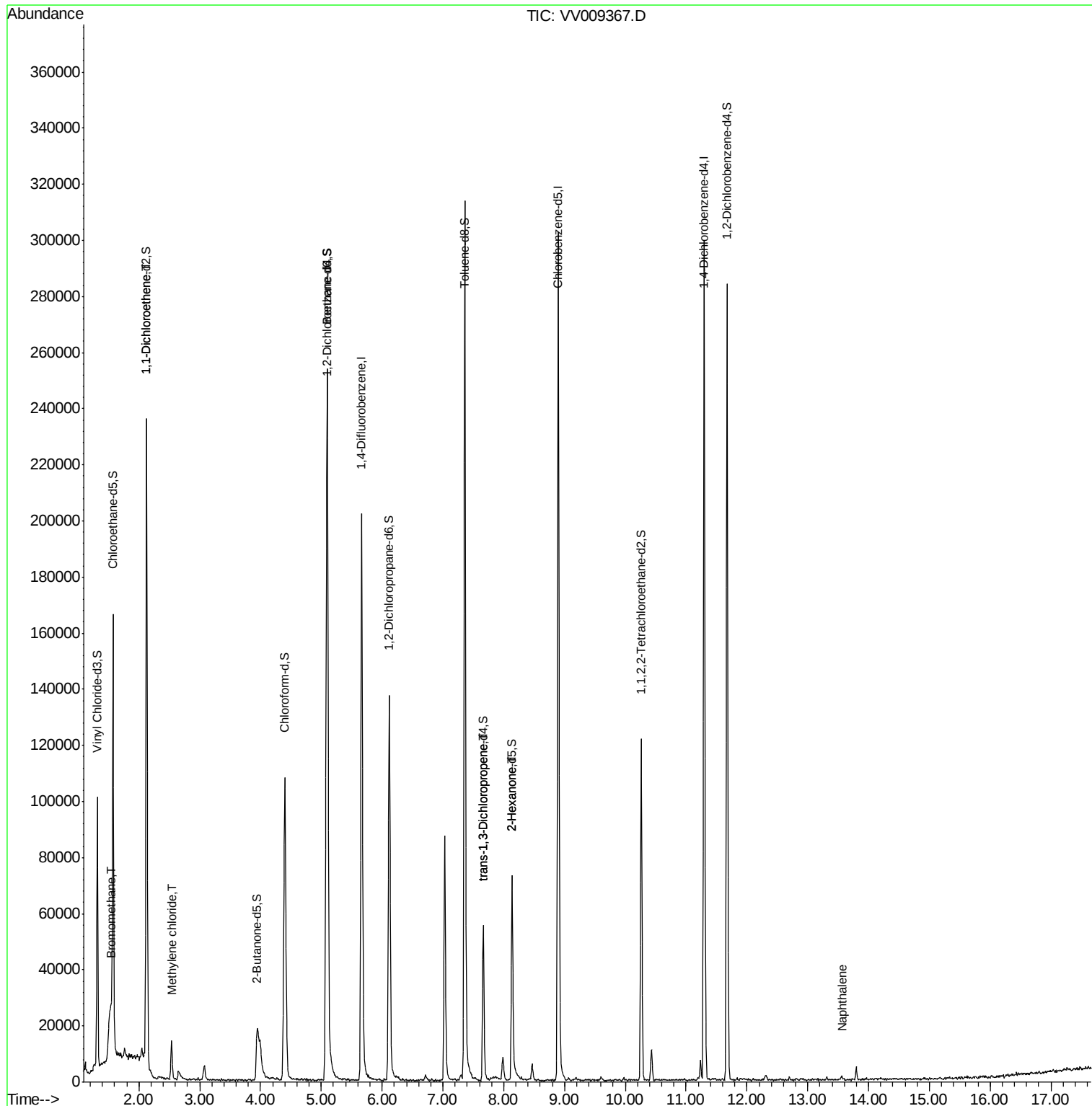
					Qvalue
6) Bromomethane	1.53	94	1000	0.349 ug/L	45
12) 1,1-Dichloroethene	2.13	96	1277	0.498 ug/L #	1
16) Methylene chloride	2.54	84	5750	2.377 ug/L	93
45) trans-1,3-Dichloropropene	7.66	75	1580	0.493 ug/L	86
49) 2-Hexanone	8.14	43	2993	2.256 ug/L #	77
69) Naphthalene	13.56	128	1403	0.261 ug/L #	79

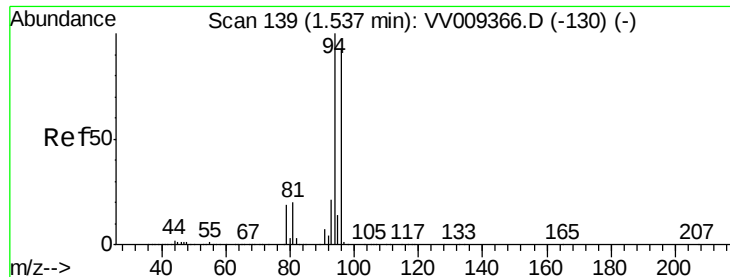
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.349 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

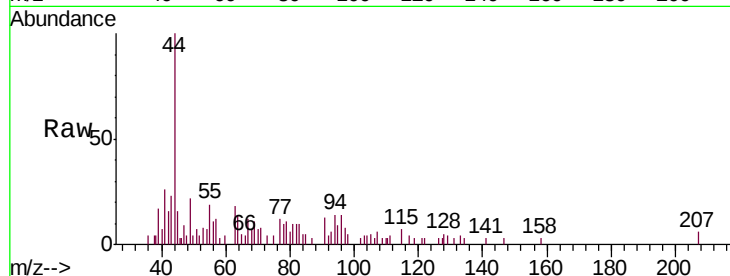
VBLK63

Tgt Ion: 94 Resp: 1000

Ion Ratio Lower Upper

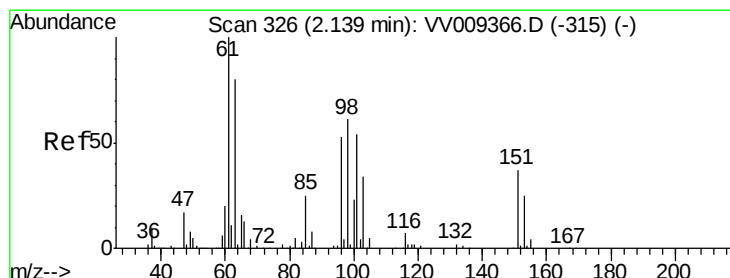
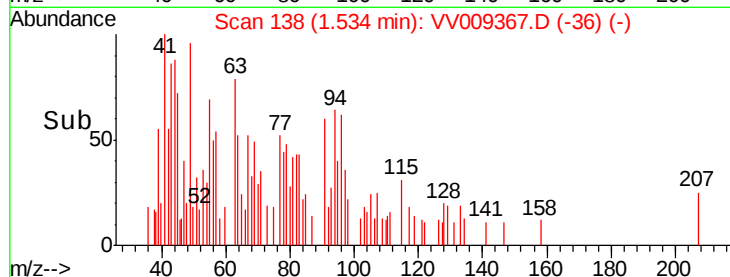
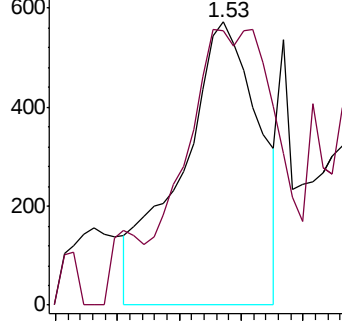
94 100

96 42.3 9.5 181.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#12

1,1-Dichloroethene

Concen: 0.498 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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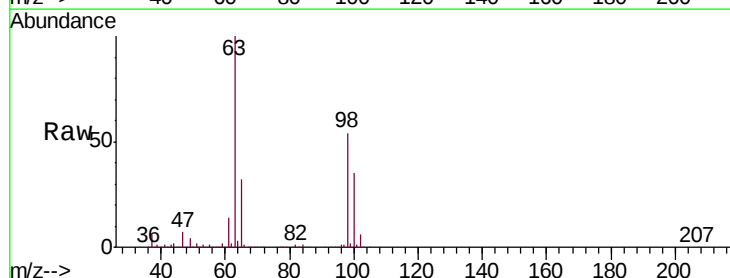
Tgt Ion: 96 Resp: 1277

Ion Ratio Lower Upper

96 100

61 1732.0 136.9 254.3#

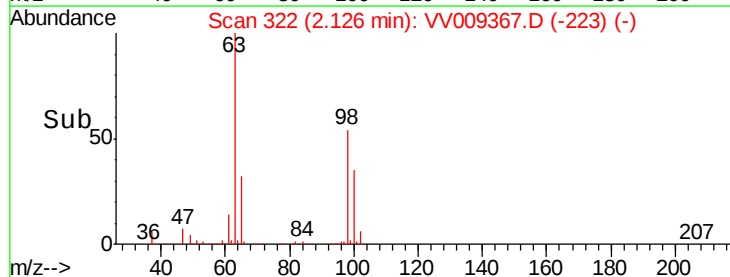
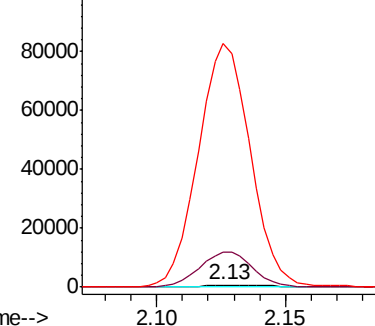
63 12038.4 108.7 201.9#

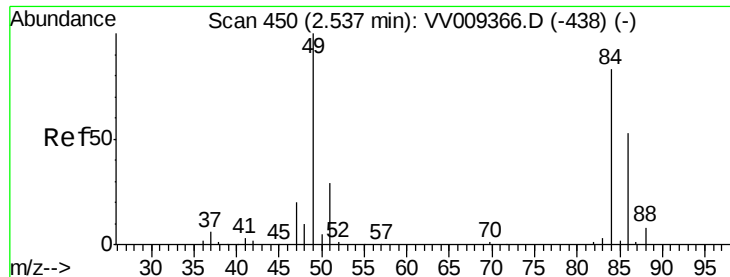


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

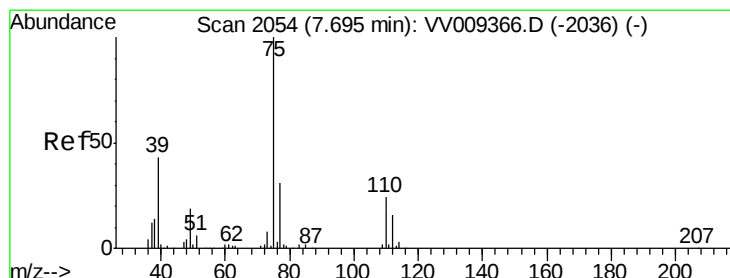
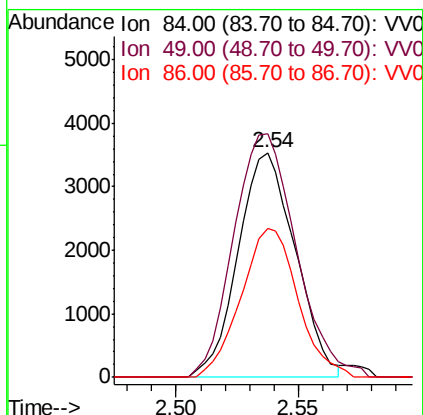
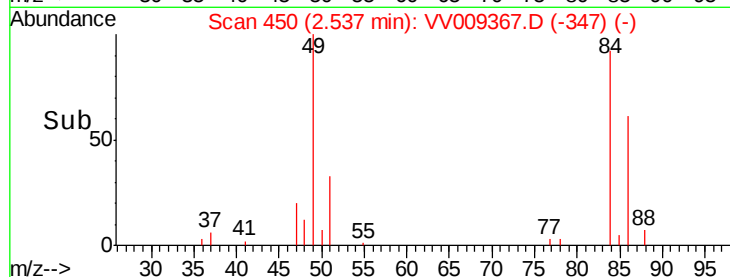
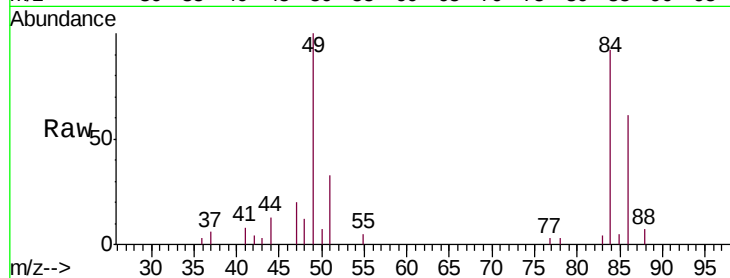




#16
Methylene chloride
Concen: 2.377 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009367.D
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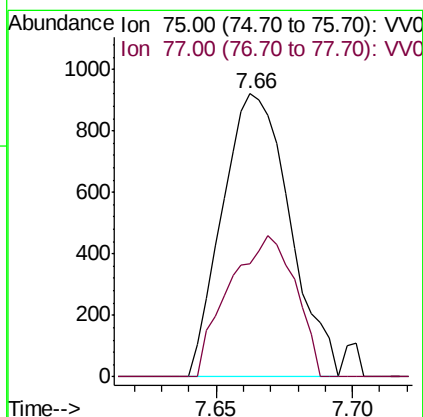
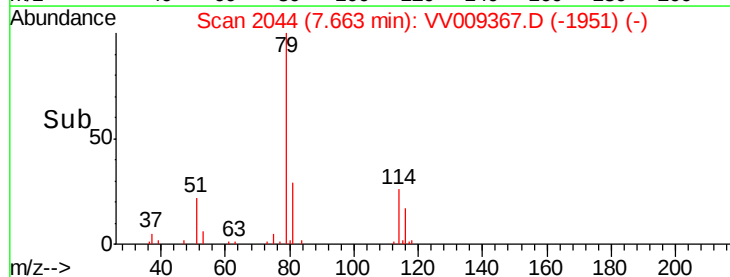
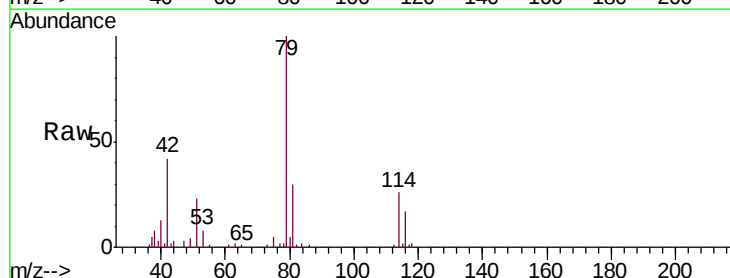
Instrument :
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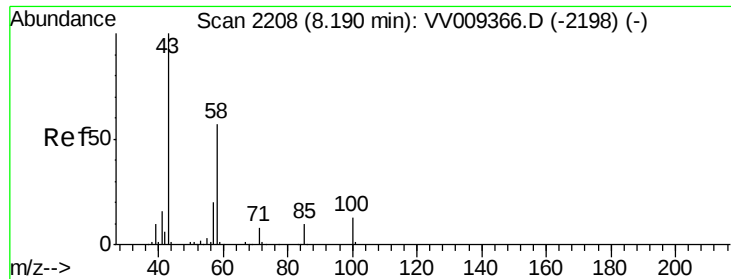
Tgt Ion: 84 Resp: 5750
Ion Ratio Lower Upper
84 100
49 108.3 84.6 157.0
86 66.4 46.1 85.7



#45
trans-1,3-Dichloropropene
Concen: 0.493 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009367.D
Acq: 26 Feb 2019 14:47

Tgt Ion: 75 Resp: 1580
Ion Ratio Lower Upper
75 100
77 39.8 22.5 41.7

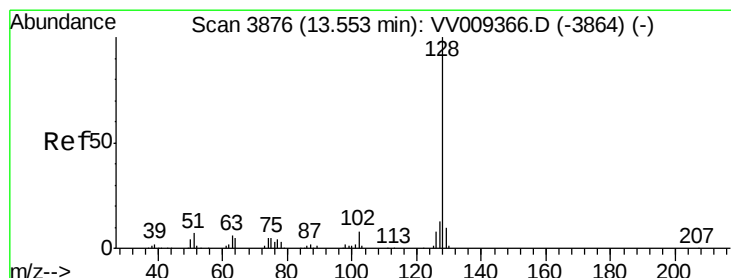
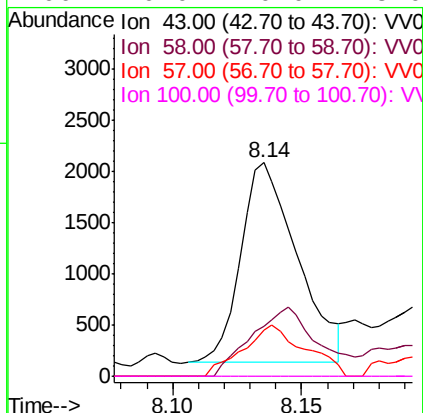
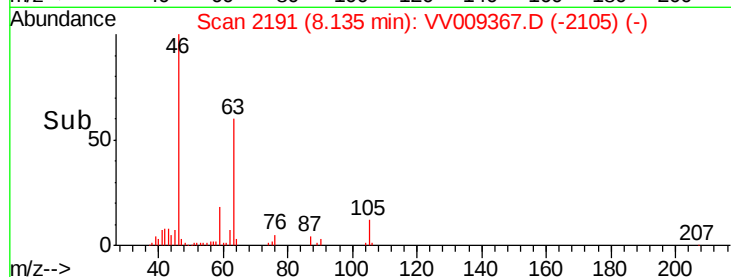
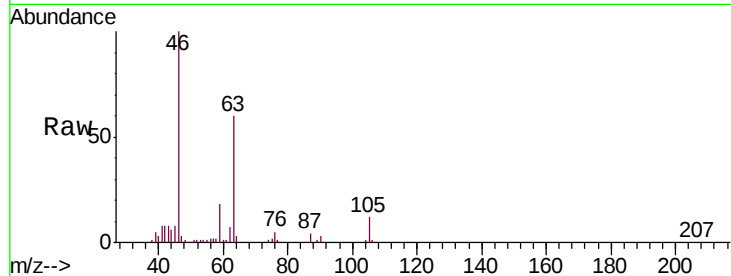




#49
2-Hexanone
Concen: 2.256 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
ClientSampleId :
VBLK63

Tgt Ion: 43 Resp: 2993
Ion Ratio Lower Upper
43 100
58 40.7 46.3 69.5#
57 27.9 15.8 23.6#
100 0.0 10.0 15.0#



#69
Naphthalene
Concen: 0.261 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV009367.D
Acq: 26 Feb 2019 14:47

Tgt Ion: 128 Resp: 1403
Ion Ratio Lower Upper
128 100
129 5.2 8.8 13.2#
127 3.1 10.6 16.0#

