

Data File : VV009208.D
Acq On : 09 Jan 2019 11:48
Operator : SY/MD
Sample : K1050-12
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Quant Time: Jan 10 05:45:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 10 05:42:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	242263	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109278	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60037	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.24%
7) Chloroethane-d5	1.58	69	47882	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.48%
10) 1,1-Dichloroethene-d2	2.13	63	123277	20.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.36%
20) 2-Butanone-d5	3.96	46	42779	44.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.00%
24) Chloroform-d	4.40	84	140294	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	5.08	65	78746	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	5.10	84	288171	25.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.96%
33) 1,2-Dichloropropane-d6	6.12	67	83698	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.44%
37) Toluene-d8	7.36	98	268360	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.32%
38) trans-1,3-Dichloropropene-	7.67	79	36931	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.76%
39) 2-Hexanone-d5	8.15	63	26868	45.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	79146	25.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	103410	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

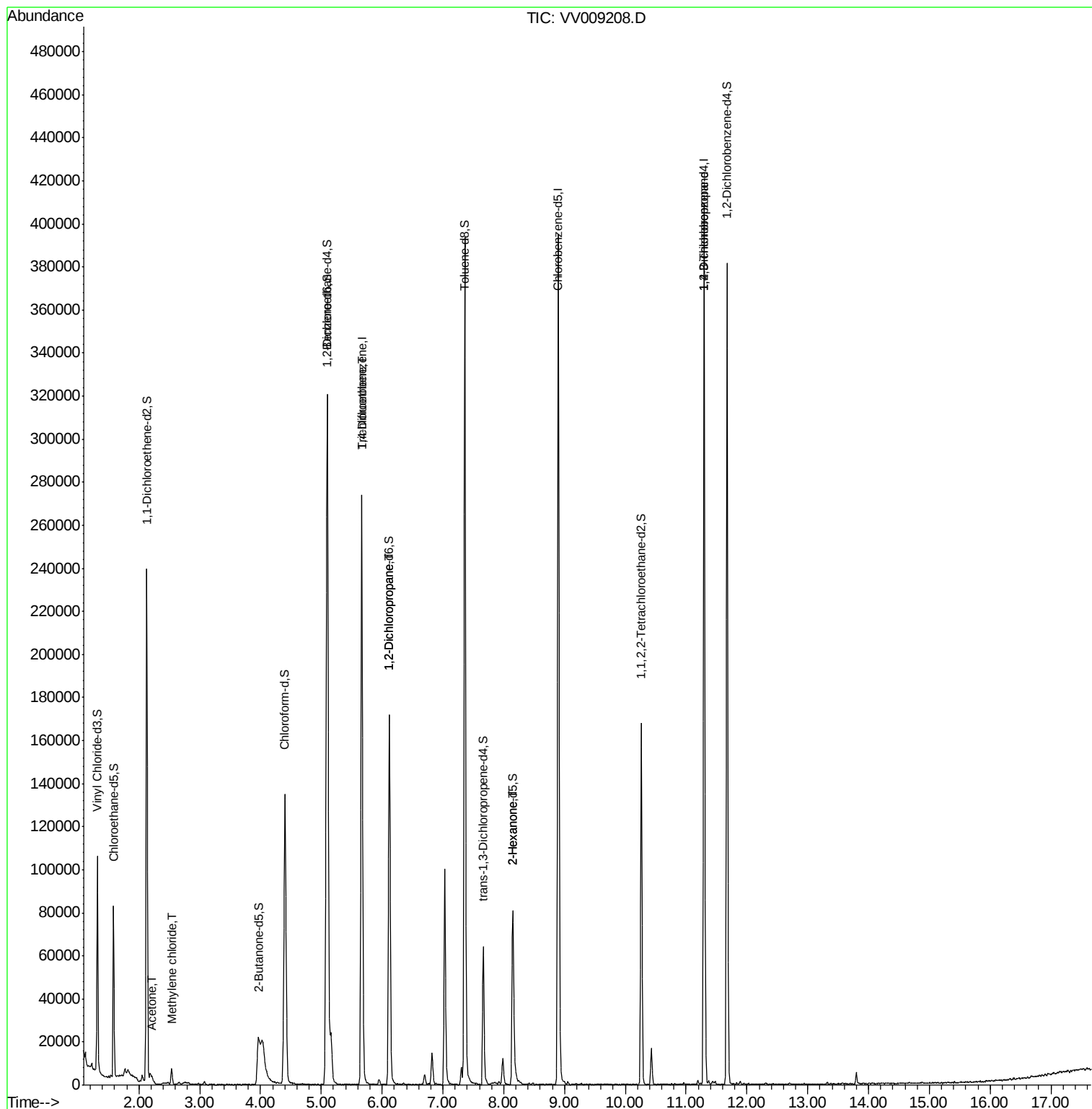
					Qvalue
13) Acetone	2.21	43	4310	3.004 ug/L	75
16) Methylene chloride	2.54	84	2946	0.841 ug/L	96
35) Trichloroethene	5.67	95	6791	2.024 ug/L #	3
40) 1,2-Dichloropropane	6.12	63	9116	3.184 ug/L #	85
49) 2-Hexanone	8.14	43	4220	2.368 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	11622	4.730 ug/L	91

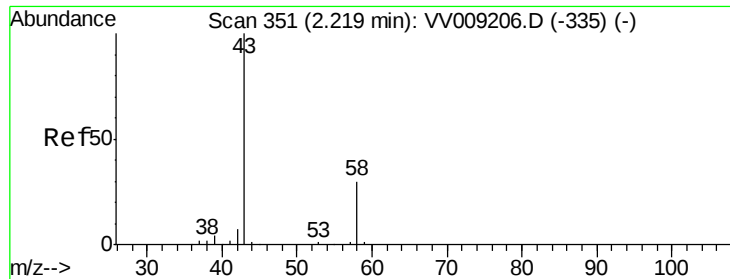
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.004 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

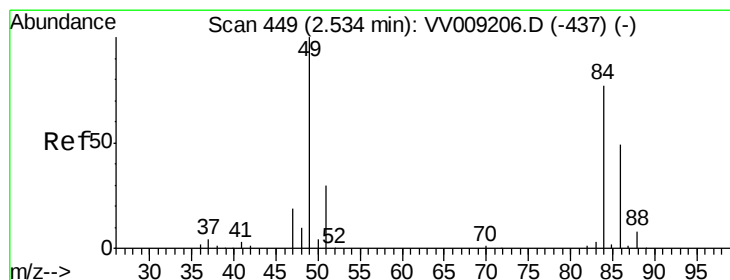
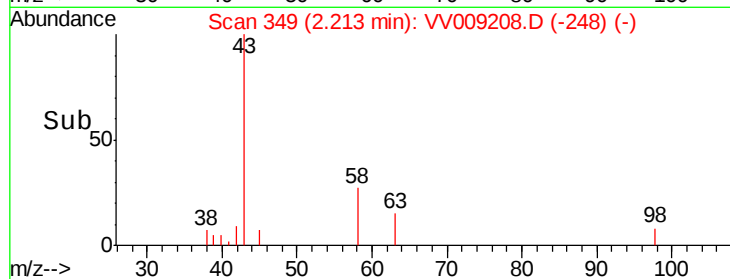
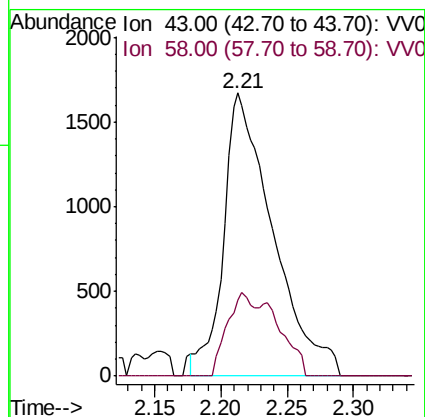
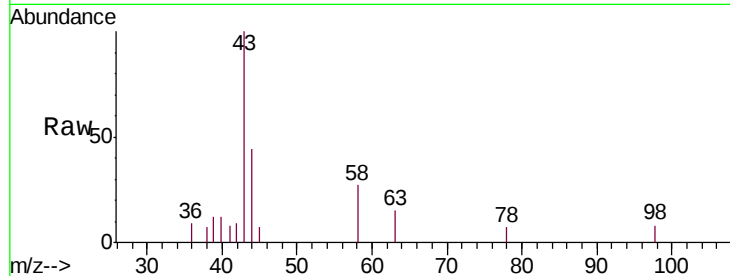
VBLK79

Tgt Ion: 43 Resp: 4310

Ion Ratio Lower Upper

43 100

58 15.8 0.0 57.8



#16

Methylene chloride

Concen: 0.841 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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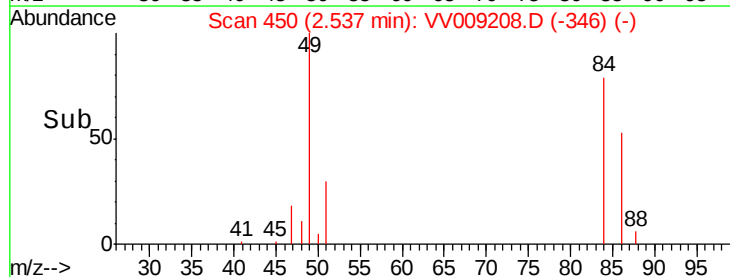
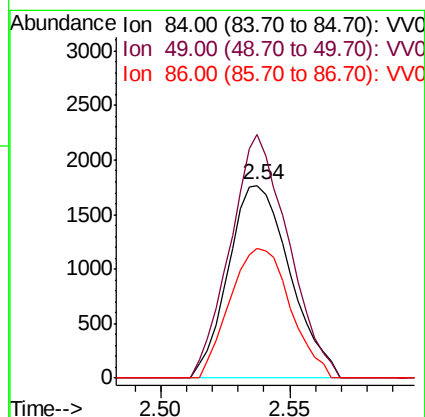
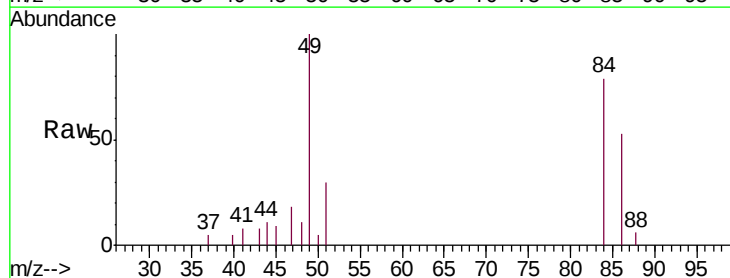
Tgt Ion: 84 Resp: 2946

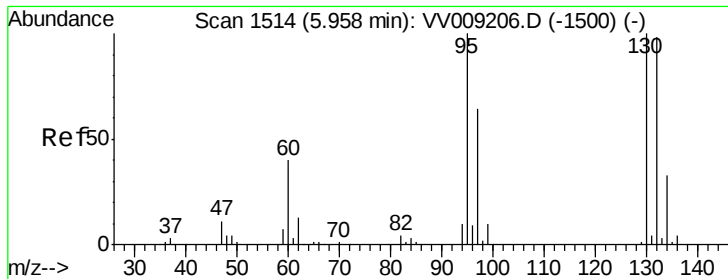
Ion Ratio Lower Upper

84 100

49 126.3 92.0 170.9

86 67.5 44.9 83.3





#35

Trichloroethene

Concen: 2.024 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

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Instrument :

MSVOA_V

ClientSampled :

VBLK79

Tgt Ion: 95 Resp: 6791

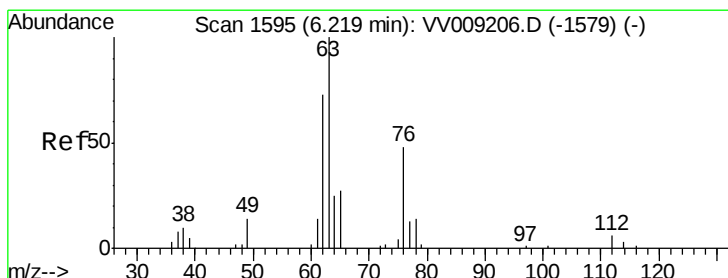
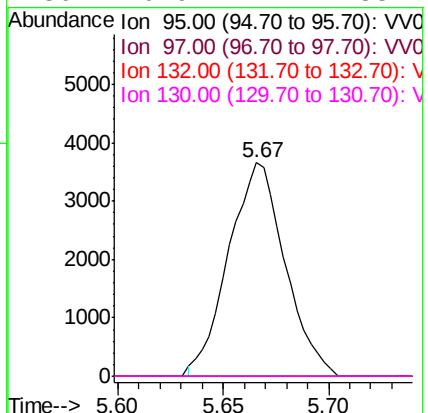
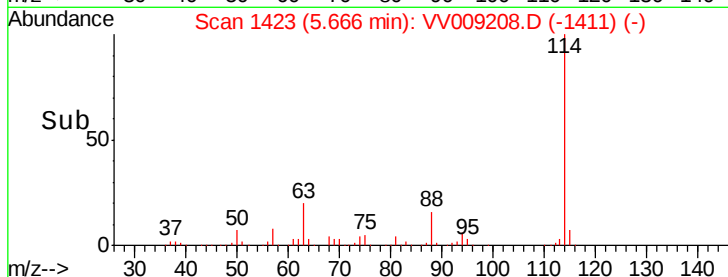
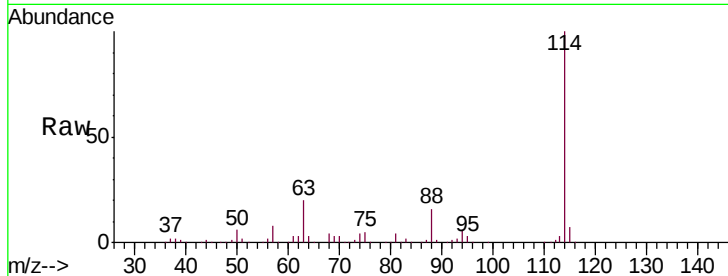
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 71.2 132.2#

130 0.9 74.4 138.2#



#40

1,2-Dichloropropane

Concen: 3.184 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

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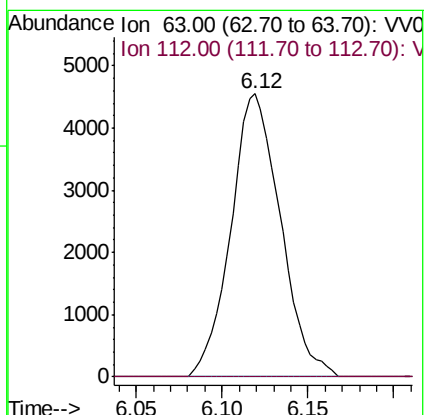
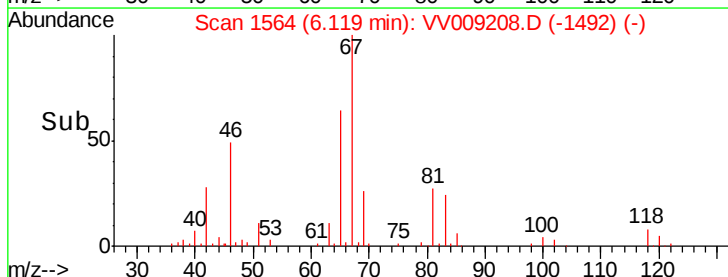
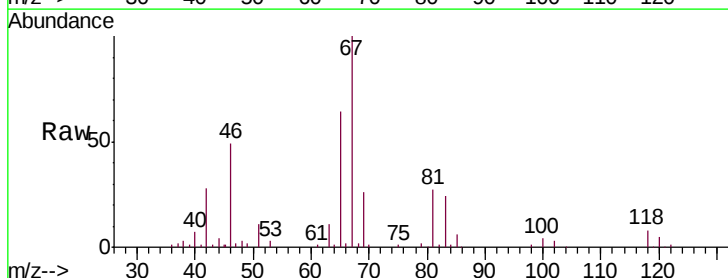
Acq: 09 Jan 2019 11:48

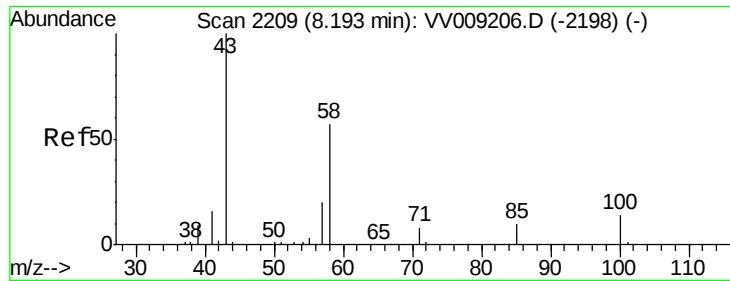
Tgt Ion: 63 Resp: 9116

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

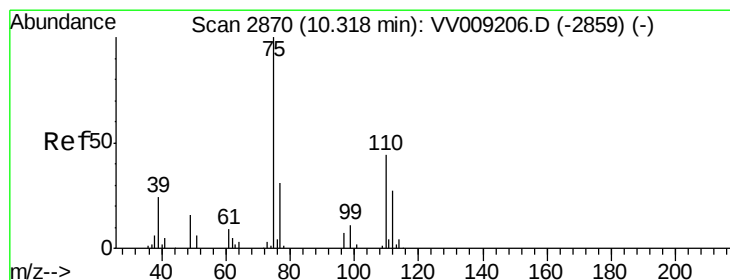
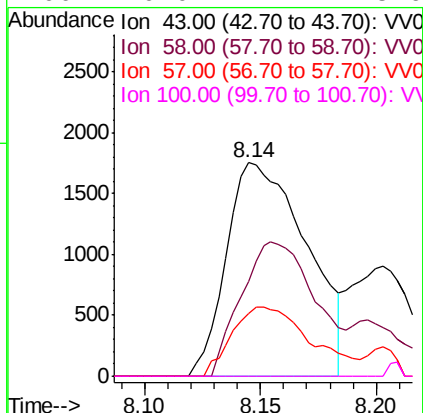
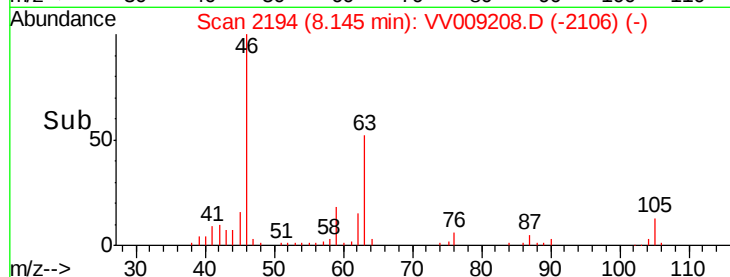
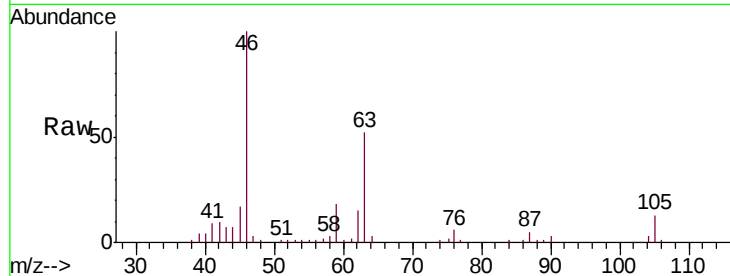




#49
2-Hexanone
Concen: 2.368 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV009208.D
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Instrument :
MSVOA_V
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VBLK79

Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
58 58.6 48.4 72.6
57 32.0 15.6 23.4#
100 0.0 12.4 18.6#



#59
1,2,3-Trichloropropane
Concen: 4.730 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009208.D
Acq: 09 Jan 2019 11:48

Tgt Ion: 75 Resp: 11622
Ion Ratio Lower Upper
75 100
77 38.0 26.3 39.5

