

Data File : VV009372.D
Acq On : 26 Feb 2019 17:44
Operator : SY/MD
Sample : K1579-09
Misc : 7.13G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB606

Quant Time: Feb 27 04:47:47 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	5.67	114	159116	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47611	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55426	27.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.76%
7) Chloroethane-d5	1.58	69	79658	30.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.40%
10) 1,1-Dichloroethene-d2	2.13	63	109937	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.08%
20) 2-Butanone-d5	3.95	46	34100	56.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.08%
24) Chloroform-d	4.40	84	104943	27.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.76%
26) 1,2-Dichloroethane-d4	5.08	65	64965	30.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.72%
29) Benzene-d6	5.10	84	215369	30.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.72%
33) 1,2-Dichloropropane-d6	6.12	67	67578	32.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.32%#
37) Toluene-d8	7.36	98	194311	28.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.48%
38) trans-1,3-Dichloropropene-	7.67	79	31488	30.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.52%
39) 2-Hexanone-d5	8.14	63	28669	65.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59145	29.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	47445	26.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.60%

Target Compounds

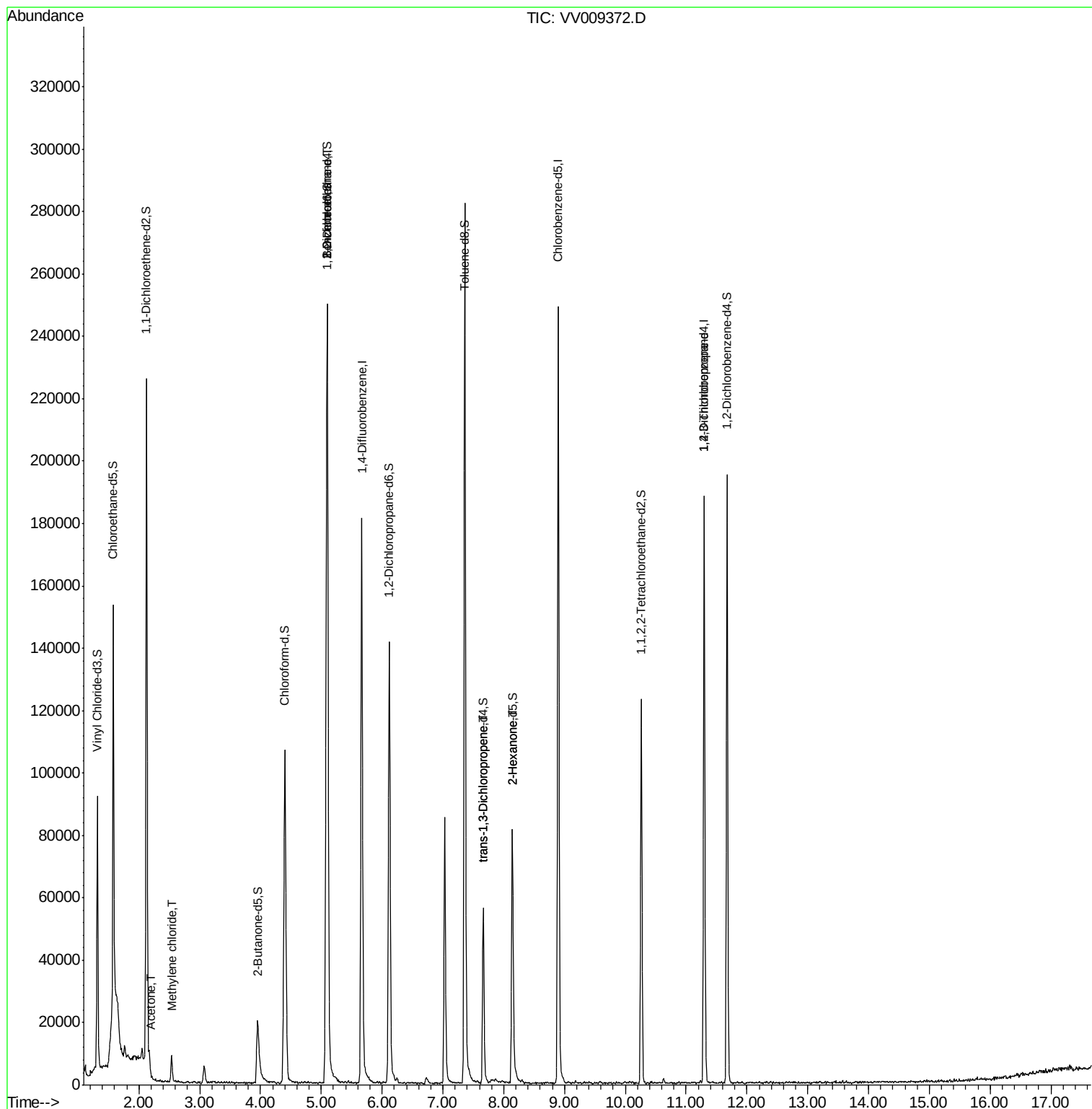
					Qvalue
13) Acetone	2.21	43	550	0.798 ug/L	89
16) Methylene chloride	2.54	84	3546	1.645 ug/L	97
27) 1,2-Dichloroethane	5.09	62	860	0.324 ug/L #	77
45) trans-1,3-Dichloropropene	7.67	75	1707	0.643 ug/L #	67
49) 2-Hexanone	8.14	43	2349	2.134 ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	6661	4.515 ug/L #	82

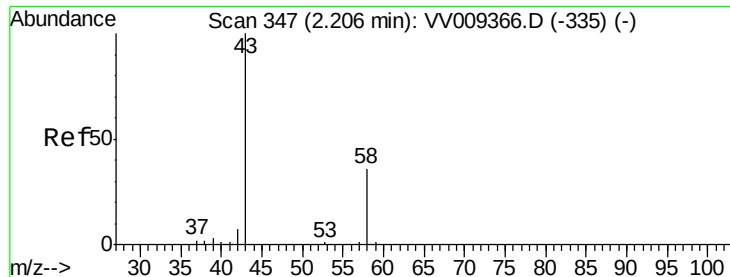
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.798 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV009372.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_V

ClientSampled :

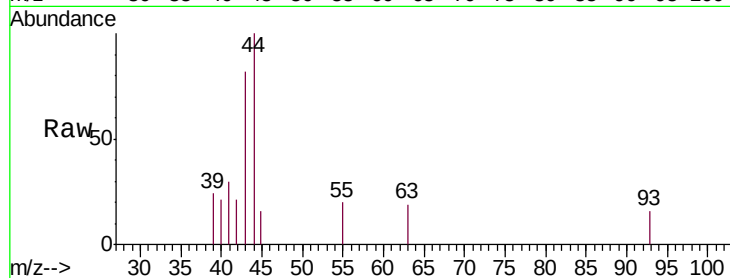
DB606

Tgt Ion: 43 Resp: 550

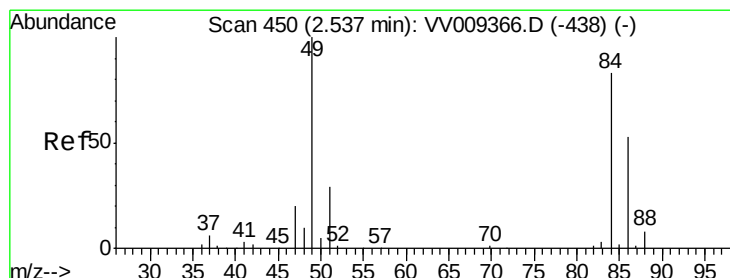
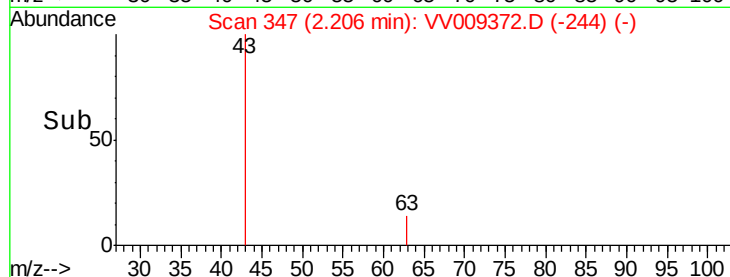
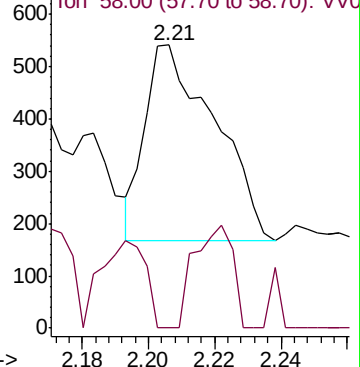
Ion Ratio Lower Upper

43 100

58 28.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009372.D (-244) (-)



#16

Methylene chloride

Concen: 1.645 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV009372.D

Acq: 26 Feb 2019 17:44

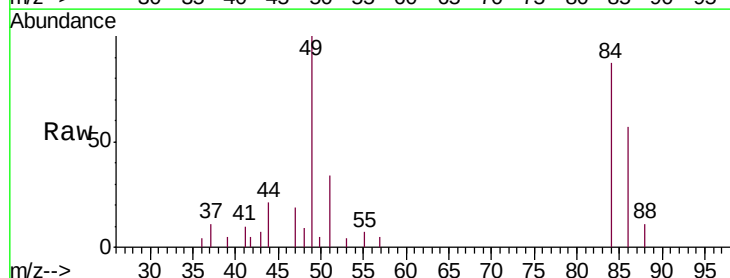
Tgt Ion: 84 Resp: 3546

Ion Ratio Lower Upper

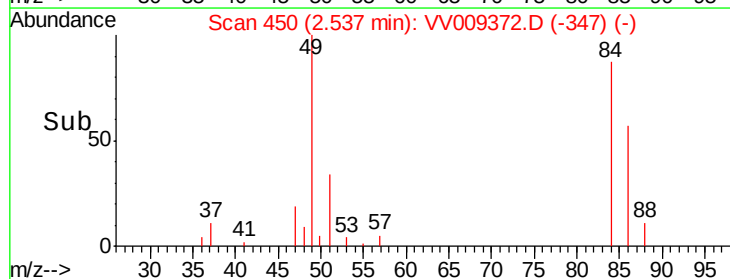
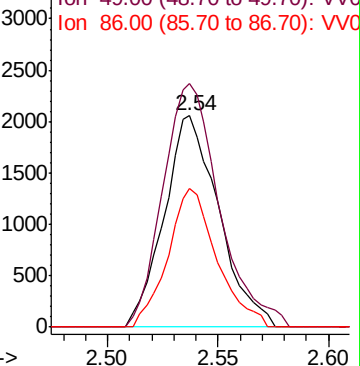
84 100

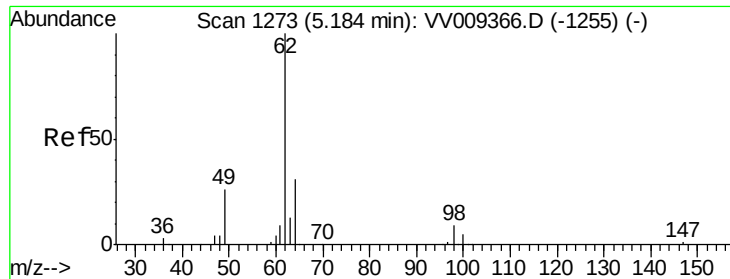
49 115.1 84.6 157.0

86 65.5 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009372.D (-347) (-)

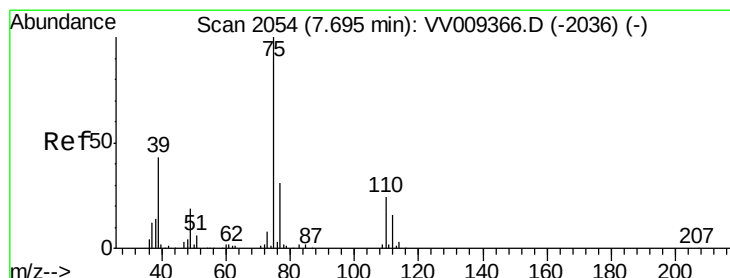
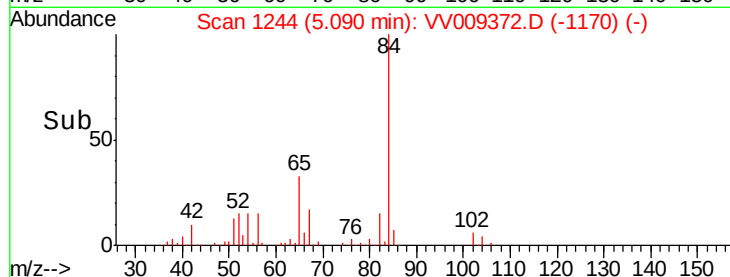
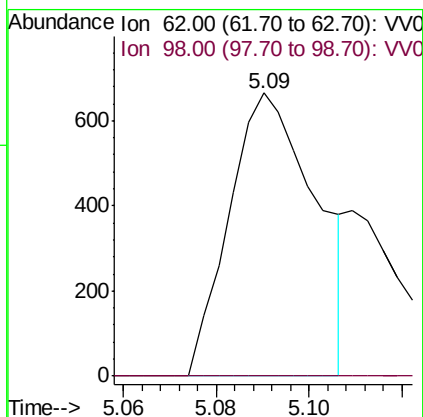
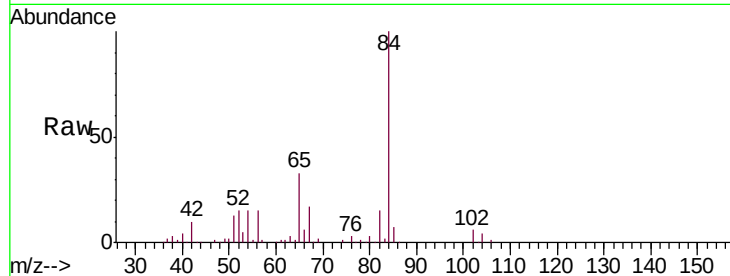




#27
 1,2-Dichloroethane
 Concen: 0.324 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV009372.D
 Acq: 26 Feb 2019 17:44

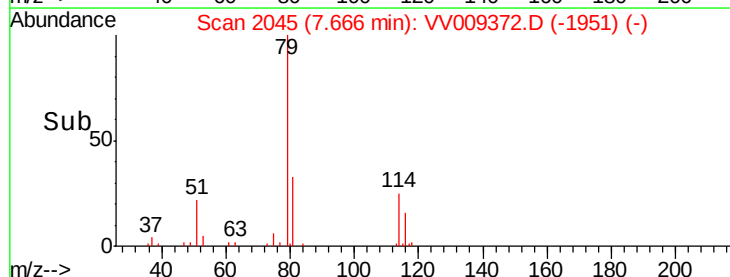
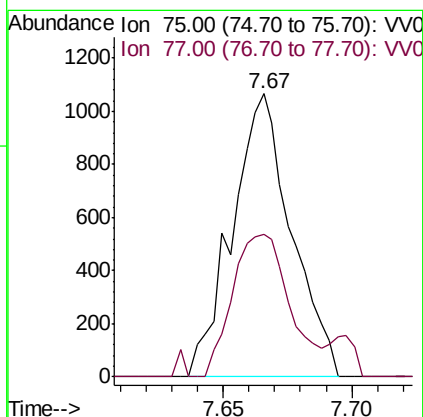
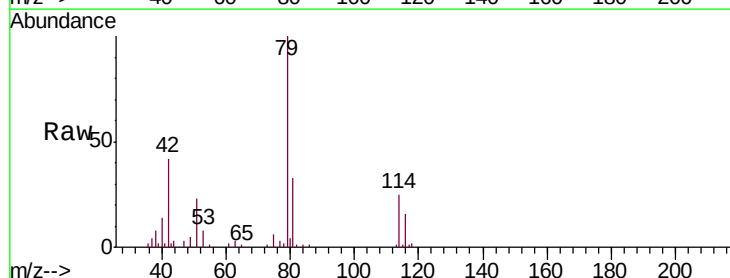
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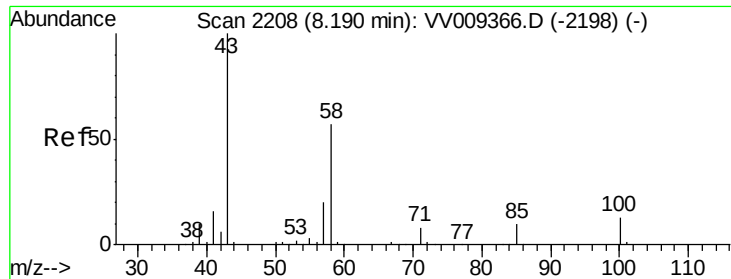
Tgt Ion: 62 Resp: 860
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#45
 trans-1,3-Dichloropropene
 Concen: 0.643 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009372.D
 Acq: 26 Feb 2019 17:44

Tgt Ion: 75 Resp: 1707
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.5 41.7#

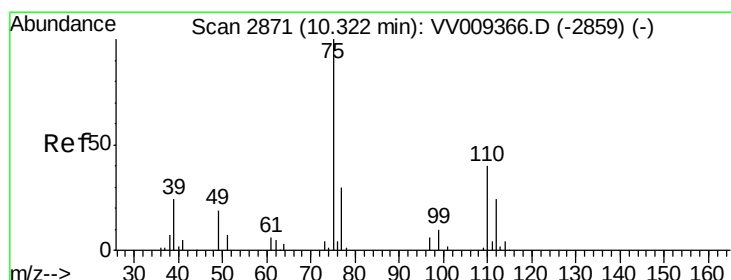
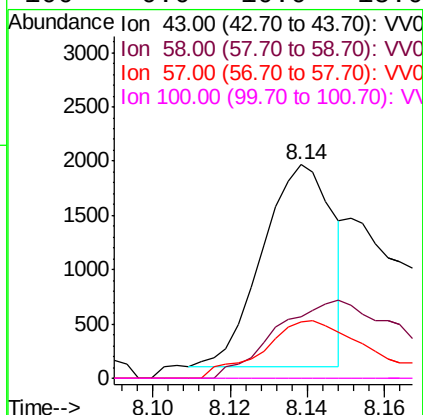
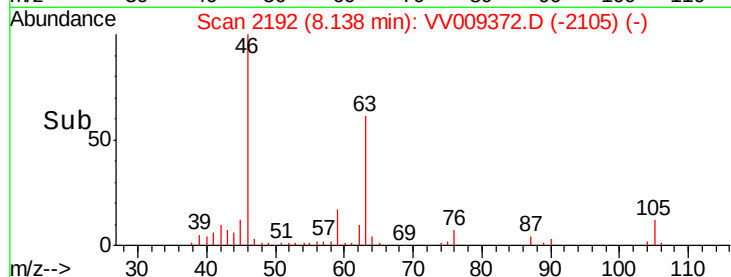
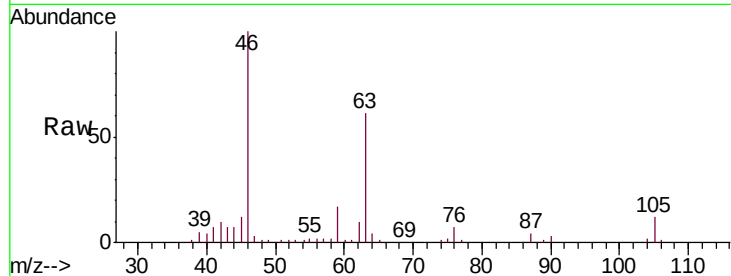




#49
2-Hexanone
Concen: 2.134 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV009372.D
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MSVOA_V
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DB606

Tgt Ion: 43 Resp: 2349
Ion Ratio Lower Upper
43 100
58 65.7 46.3 69.5
57 39.8 15.8 23.6#
100 0.0 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 4.515 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009372.D
Acq: 26 Feb 2019 17:44

Tgt Ion: 75 Resp: 6661
Ion Ratio Lower Upper
75 100
77 42.5 25.9 38.9#

