

Data File : VV009109.D
Acq On : 21 Dec 2018 03:09
Operator : SY/MD
Sample : J6487-01
Misc : 5.87 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H07

Quant Time: Dec 21 07:56:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	206413	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177954	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41796	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.28%
7) Chloroethane-d5	1.58	69	44534	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.88%
10) 1,1-Dichloroethene-d2	2.13	63	82260	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.60%
20) 2-Butanone-d5	3.94	46	28194	36.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.50%
24) Chloroform-d	4.40	84	121942	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.08	65	73525	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.60%
29) Benzene-d6	5.10	84	239309	24.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.32%
33) 1,2-Dichloropropane-d6	6.12	67	73587	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.80%
37) Toluene-d8	7.36	98	212102	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	7.67	79	28481	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.20%
39) 2-Hexanone-d5	8.14	63	18560	36.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57894	24.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	58932	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

Target Compounds

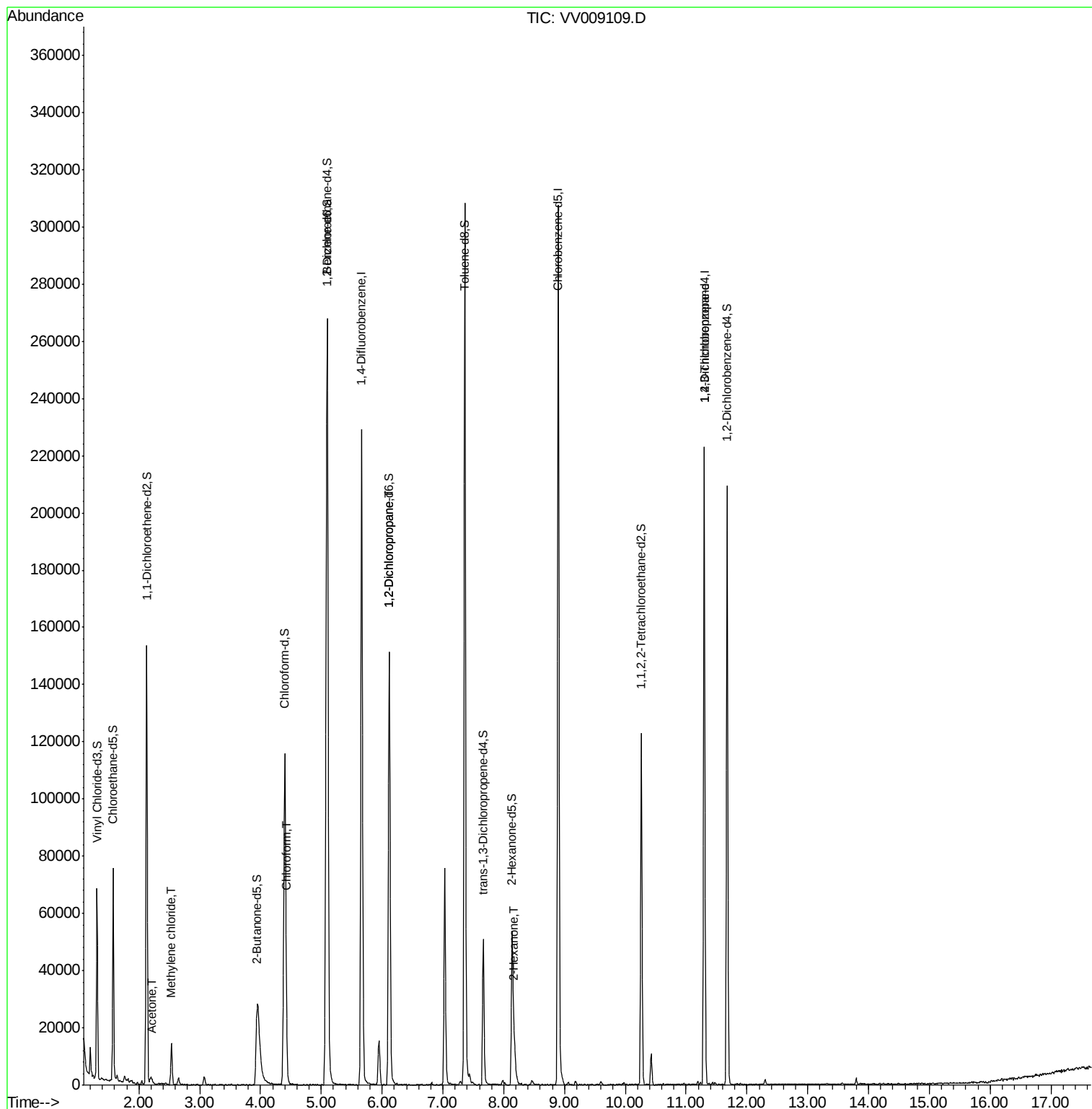
					Qvalue
13) Acetone	2.21	43	3848	3.358 ug/L	76
16) Methylene chloride	2.53	84	6646	1.912 ug/L	91
25) Chloroform	4.43	83	4337	0.867 ug/L #	68
40) 1,2-Dichloropropane	6.12	63	8233	3.217 ug/L #	85
49) 2-Hexanone	8.18	43	7634	5.335 ug/L #	64
59) 1,2,3-Trichloropropane	11.30	75	6621	3.320 ug/L	89

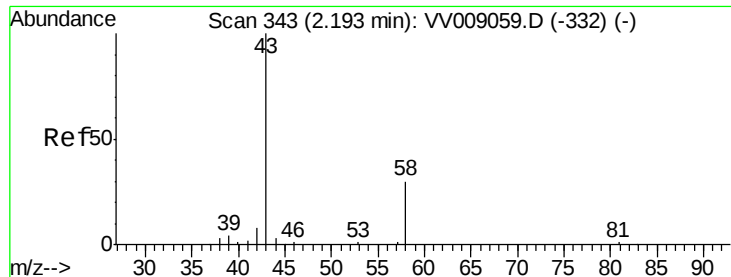
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.358 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV009109.D

Acq: 21 Dec 2018 03:09

Instrument :

MSVOA_V

ClientSampled :

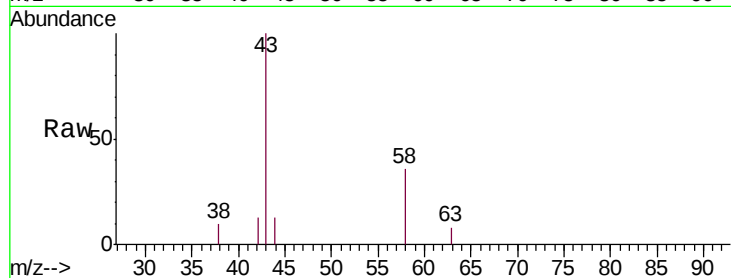
F9H07

Tgt Ion: 43 Resp: 3848

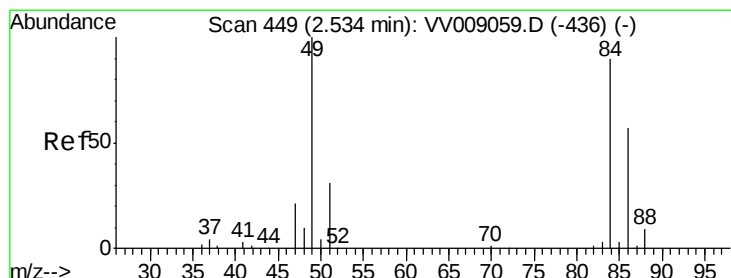
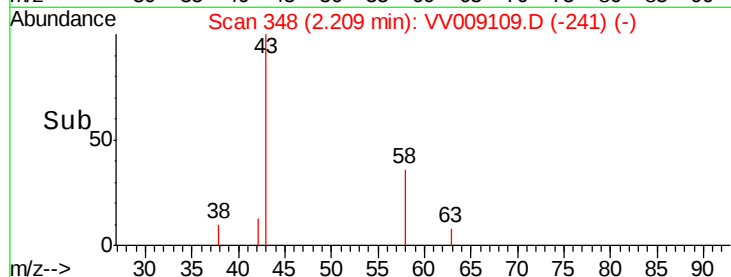
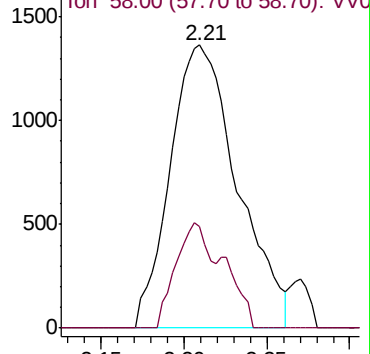
Ion Ratio Lower Upper

43 100

58 19.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009109.D (-348) (-)



#16

Methylene chloride

Concen: 1.912 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009109.D

Acq: 21 Dec 2018 03:09

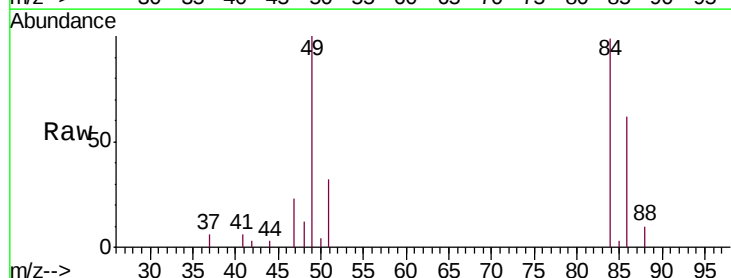
Tgt Ion: 84 Resp: 6646

Ion Ratio Lower Upper

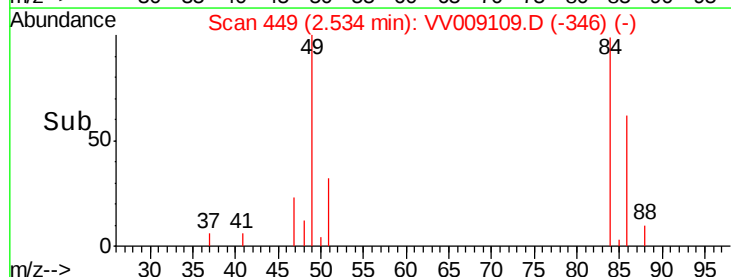
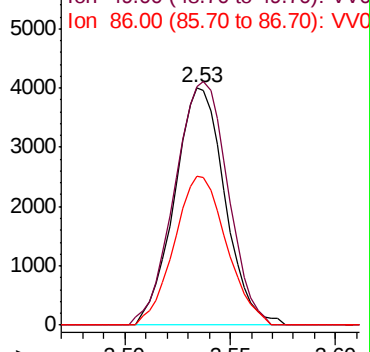
84 100

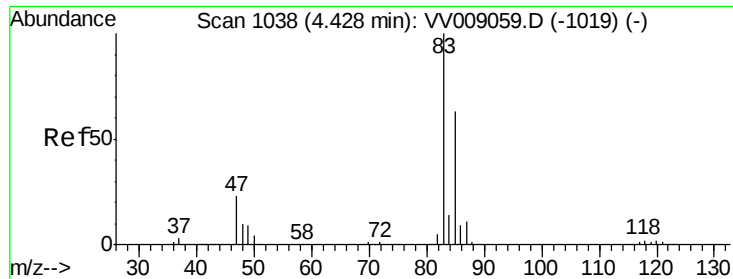
49 100.7 80.5 149.5

86 62.7 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009109.D (-346) (-)

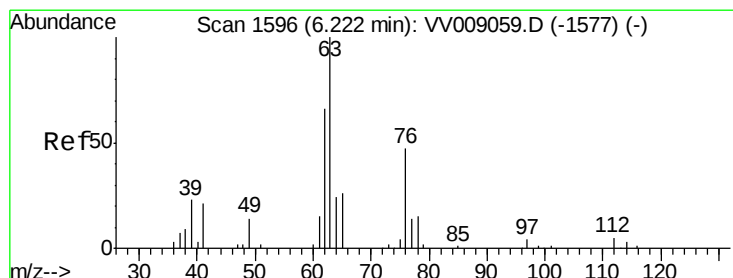
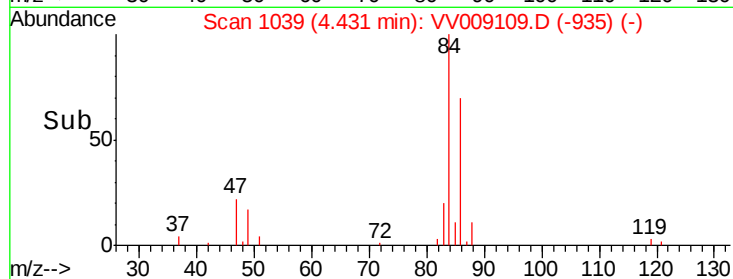
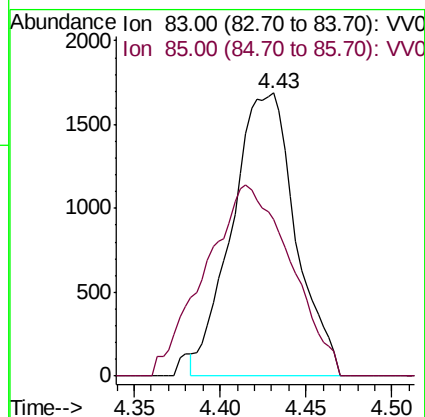
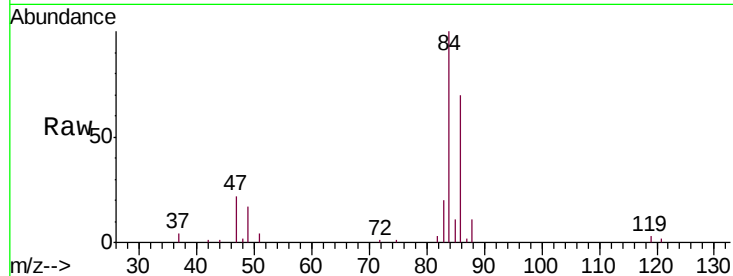




#25
Chloroform
Concen: 0.867 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV009109.D
Acq: 21 Dec 2018 03:09

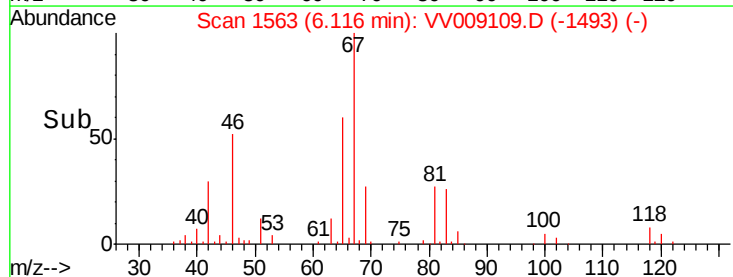
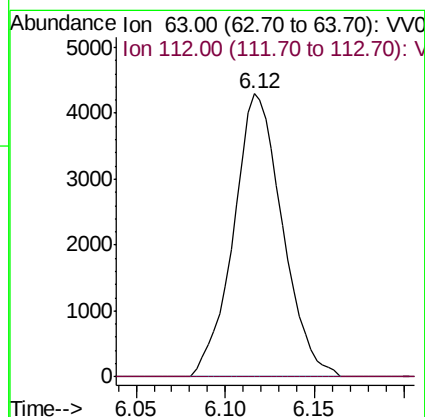
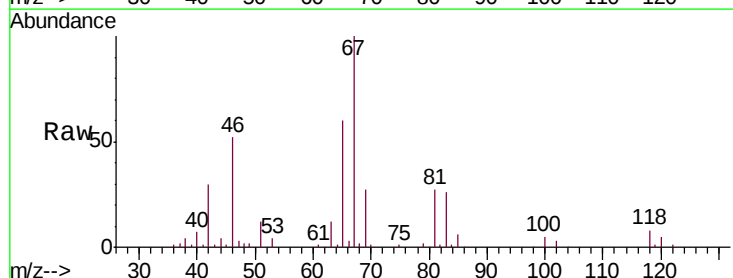
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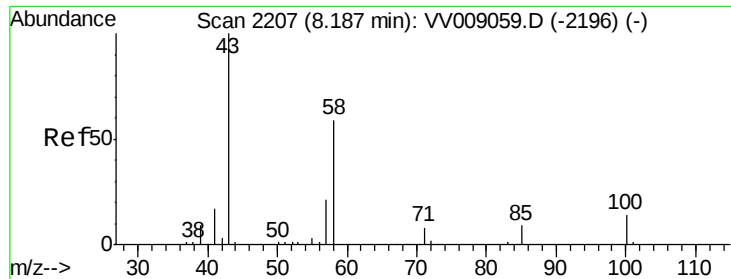
Tgt Ion: 83 Resp: 4337
Ion Ratio Lower Upper
83 100
85 90.7 45.6 84.8#



#40
1,2-Dichloropropane
Concen: 3.217 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009109.D
Acq: 21 Dec 2018 03:09

Tgt Ion: 63 Resp: 8233
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

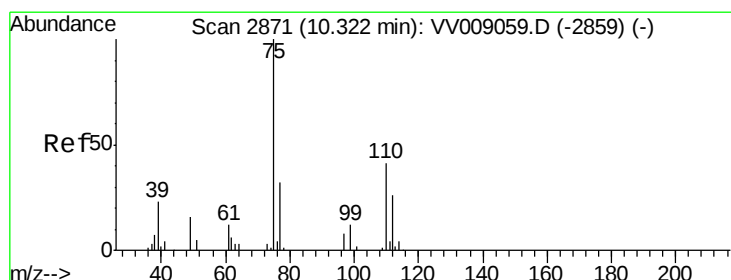
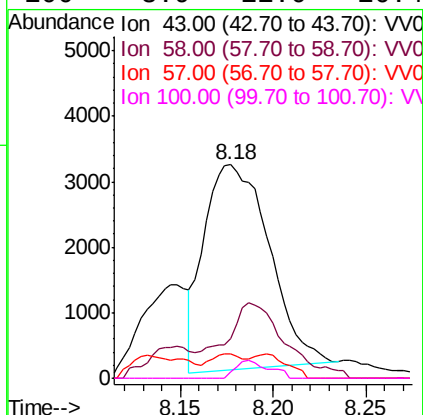
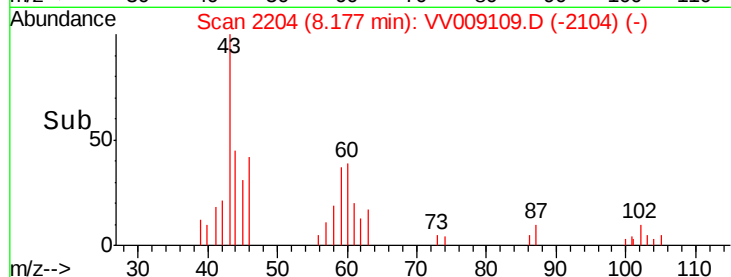
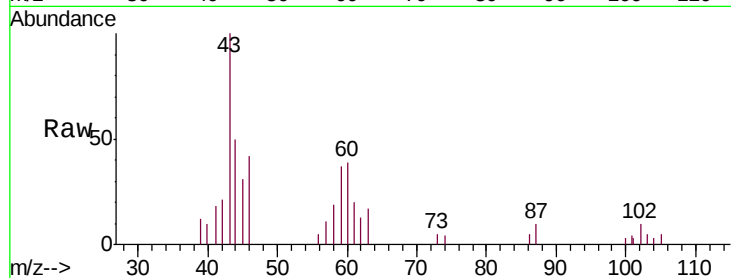




#49
2-Hexanone
Concen: 5.335 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VV009109.D
Acq: 21 Dec 2018 03:09

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MSVOA_V
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F9H07

Tgt Ion: 43 Resp: 7634
Ion Ratio Lower Upper
43 100
58 27.3 43.9 65.9#
57 2.2 15.7 23.5#
100 3.9 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.320 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009109.D
Acq: 21 Dec 2018 03:09

Tgt Ion: 75 Resp: 6621
Ion Ratio Lower Upper
75 100
77 38.2 25.6 38.4

