

Data File : VV009081.D
Acq On : 20 Dec 2018 13:41
Operator : SY/MD
Sample : J6471-15
Misc : 5.35 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H02

Quant Time: Dec 21 00:28:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203538	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55105	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.64%
7) Chloroethane-d5	1.58	69	52528	33.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.04%
10) 1,1-Dichloroethene-d2	2.13	63	104005	19.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.00%
20) 2-Butanone-d5	3.94	46	18841	24.57	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.14%
24) Chloroform-d	4.40	84	129170	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.08	65	68787	25.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.04%
29) Benzene-d6	5.10	84	253651	31.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.68%
33) 1,2-Dichloropropane-d6	6.12	67	73974	32.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.92%#
37) Toluene-d8	7.36	98	211033	28.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.00%
38) trans-1,3-Dichloropropene-	7.67	79	23503	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	8.14	63	11003	26.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39087	20.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	38507	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds

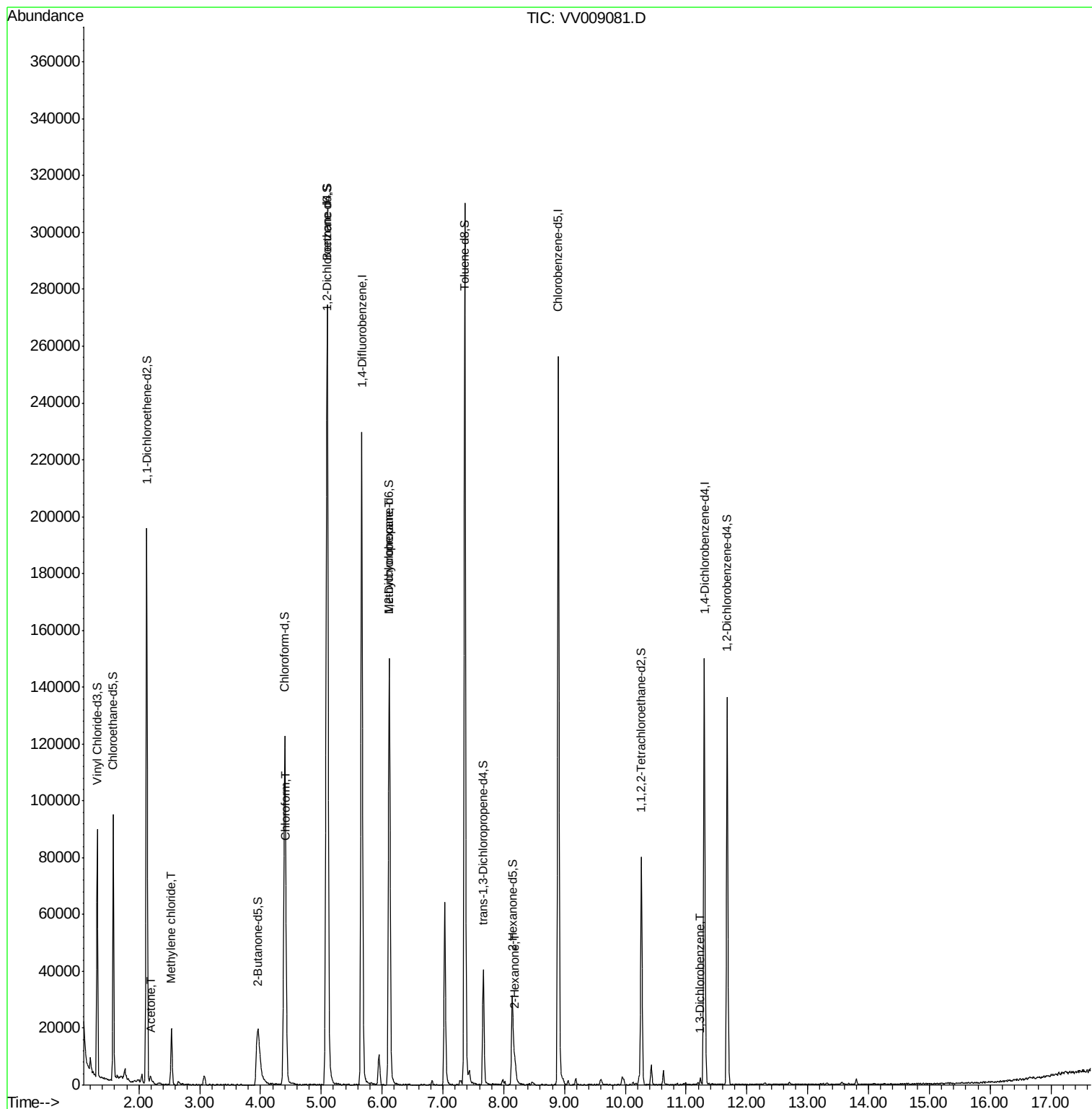
					Qvalue
13) Acetone	2.20	43	2065	1.828 ug/L	88
16) Methylene chloride	2.53	84	8617	2.514 ug/L	98
25) Chloroform	4.43	83	3714	0.753 ug/L #	52
36) Methylcyclohexane	6.12	83	19267	4.627 ug/L #	21
49) 2-Hexanone	8.18	43	6290	5.412 ug/L #	40
63) 1,3-Dichlorobenzene	11.23	146	831	0.305 ug/L	85

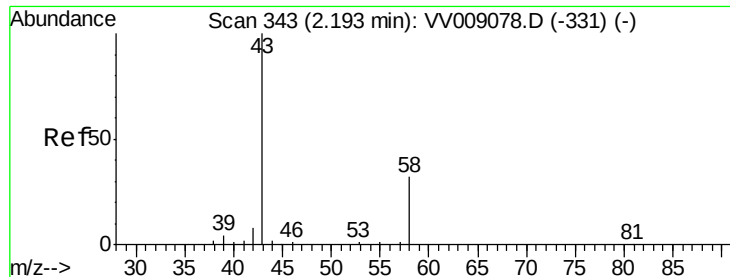
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.828 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009081.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_V

ClientSampled :

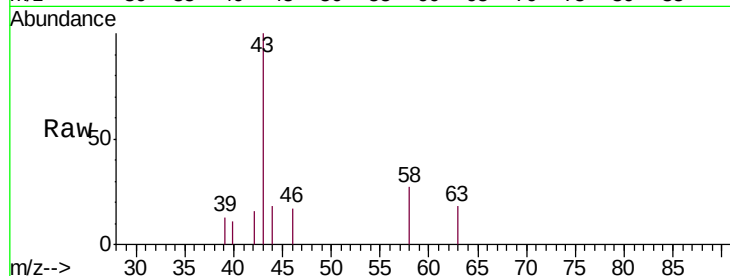
F9H02

Tgt Ion: 43 Resp: 2065

Ion Ratio Lower Upper

43 100

58 26.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009081.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VV009081.D (-346) (-)

2.20

1200

1000

800

600

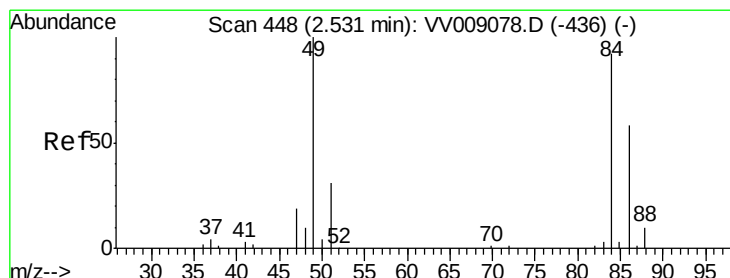
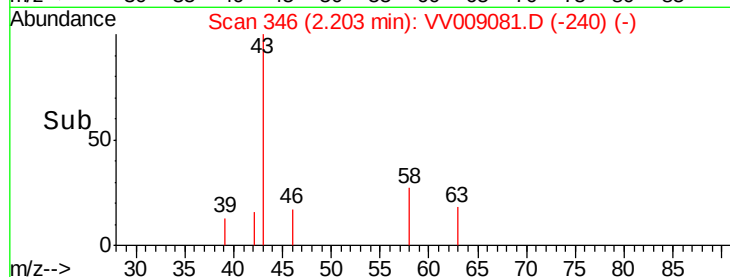
400

200

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 2.514 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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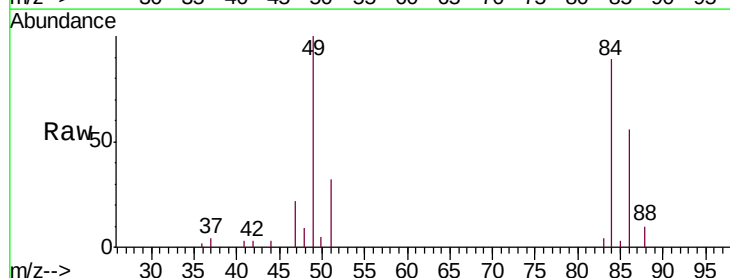
Tgt Ion: 84 Resp: 8617

Ion Ratio Lower Upper

84 100

49 112.7 80.5 149.5

86 63.2 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009081.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV009081.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV009081.D (-345) (-)

2.53

8000

6000

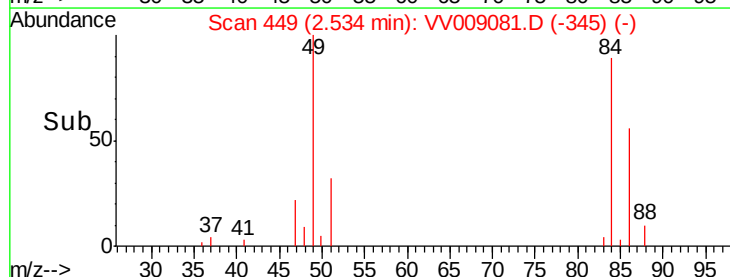
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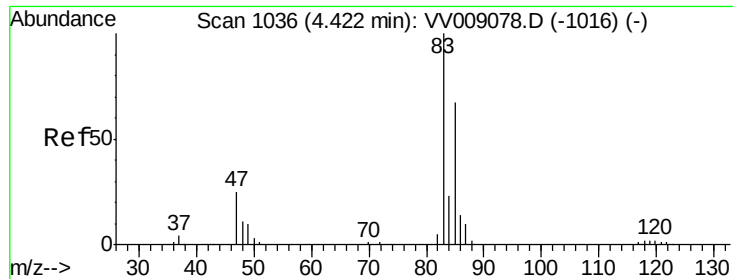
2000

0

Time-->

2.50 2.55 2.60

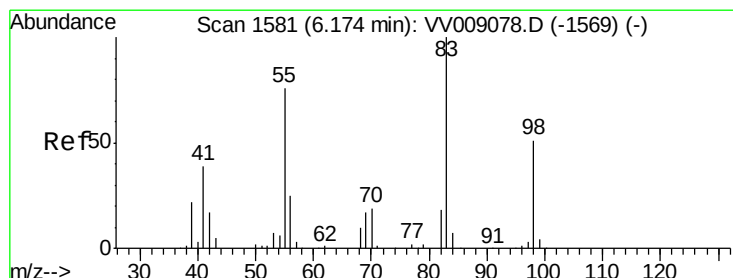
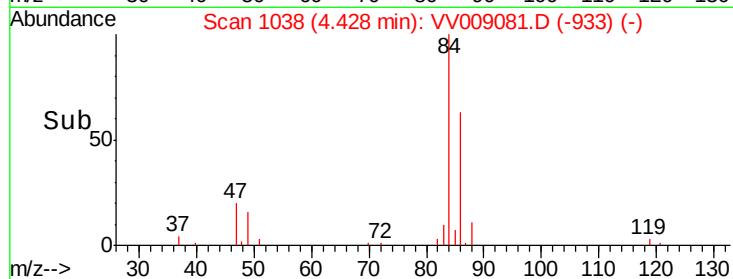
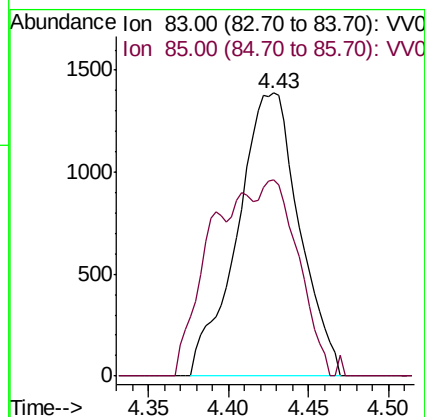
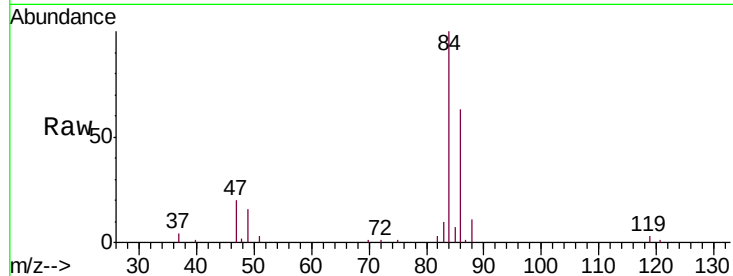




#25
Chloroform
Concen: 0.753 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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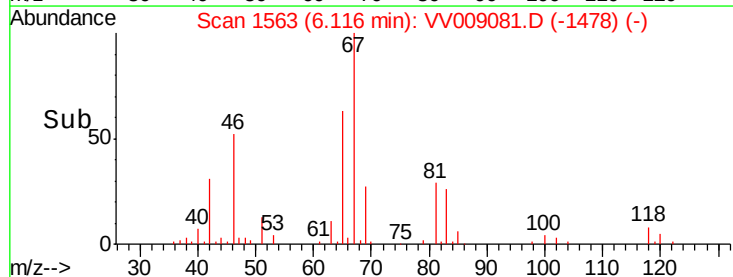
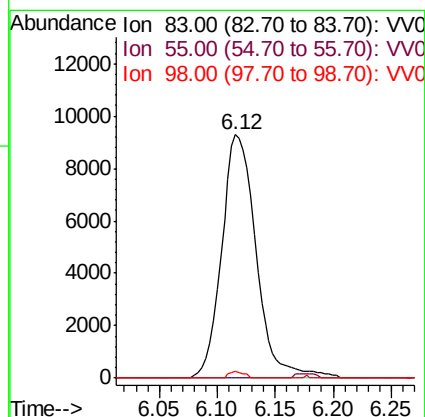
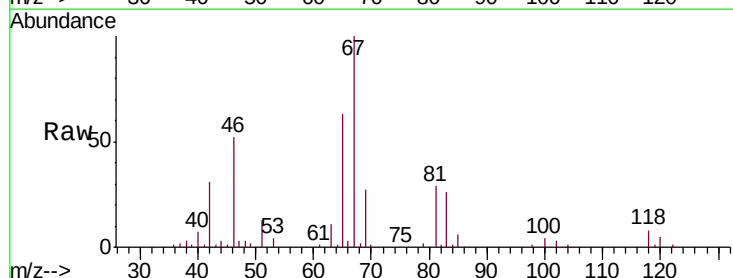
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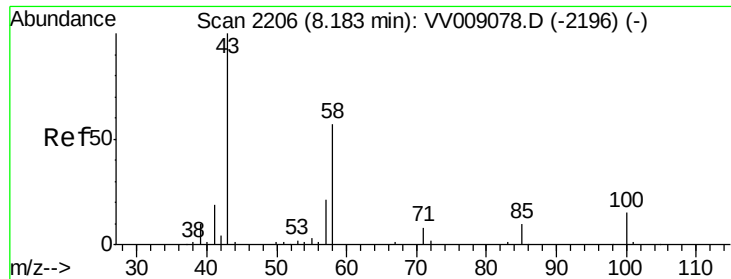
Tgt Ion: 83 Resp: 3714
Ion Ratio Lower Upper
83 100
85 27.6 45.6 84.8#



#36
Methylcyclohexane
Concen: 4.627 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009081.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 83 Resp: 19267
Ion Ratio Lower Upper
83 100
55 0.6 58.2 87.2#
98 1.2 37.8 56.8#

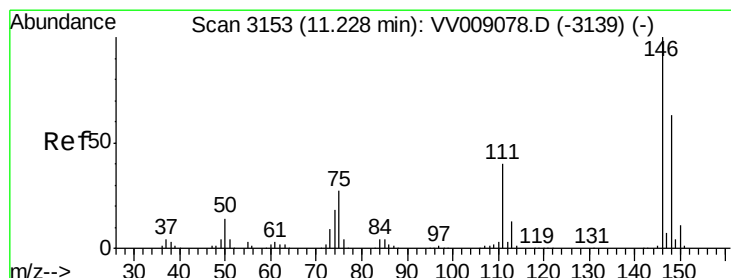
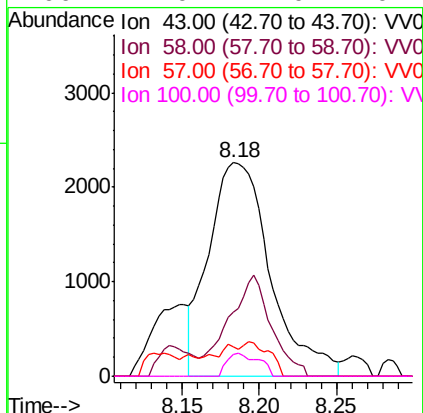
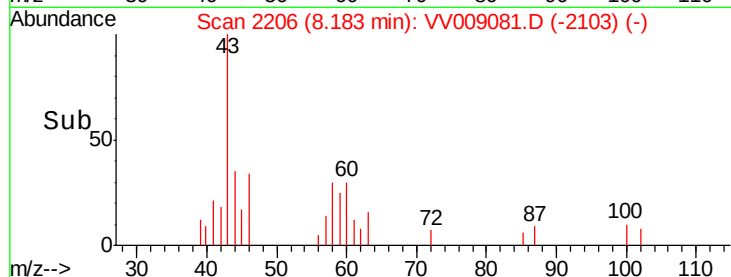
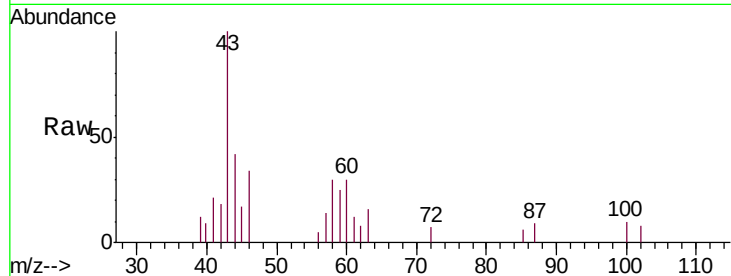




#49
2-Hexanone
Concen: 5.412 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
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Acq: 20 Dec 2018 13:41

Instrument :
MSVOA_V
ClientSampleId :
F9H02

Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
58 0.0 43.9 65.9#
57 1.5 15.7 23.5#
100 4.0 11.0 16.4#



#63
1,3-Dichlorobenzene
Concen: 0.305 ug/L
RT: 11.23 min Scan# 3155
Delta R.T. 0.01 min
Lab File: VV009081.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 146 Resp: 831
Ion Ratio Lower Upper
146 100
111 34.6 27.5 51.1
148 47.7 44.0 81.8

