

Data File : VV009031.D
Acq On : 19 Dec 2018 00:04
Operator : SY/MD
Sample : J6418-20
Misc : 4.63G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF001

Quant Time: Dec 19 07:24:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	247630	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	216402	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54275	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.72%
7) Chloroethane-d5	1.58	69	50985	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
10) 1,1-Dichloroethene-d2	2.13	63	115380	18.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.04%
20) 2-Butanone-d5	3.94	46	32722	35.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.14%
24) Chloroform-d	4.40	84	149424	25.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	93264	28.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.84%
29) Benzene-d6	5.10	84	297858	24.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.56%
33) 1,2-Dichloropropane-d6	6.12	67	93145	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.12%
37) Toluene-d8	7.36	98	263061	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
38) trans-1,3-Dichloropropene-	7.67	79	34719	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	8.14	63	13452	21.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66469	23.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	74914	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

Target Compounds

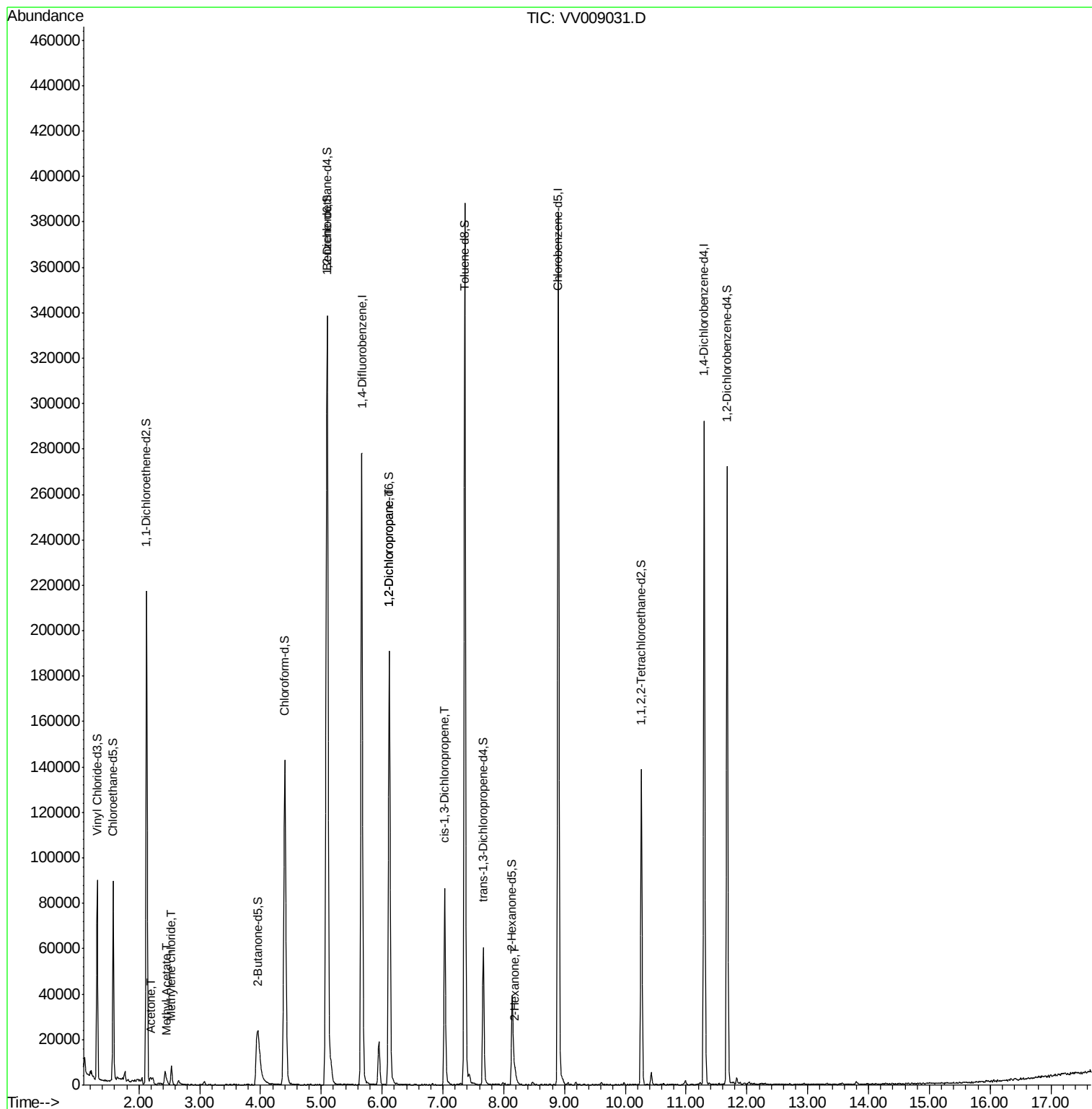
					Qvalue
13) Acetone	2.20	43	3473	2.527 ug/L	91
15) Methyl Acetate	2.47	43	945	0.542 ug/L #	61
16) Methylene chloride	2.54	84	3896	0.934 ug/L	87
40) 1,2-Dichloropropane	6.12	63	10886	3.498 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2408	0.529 ug/L #	67
49) 2-Hexanone	8.19	43	4060	2.333 ug/L #	41

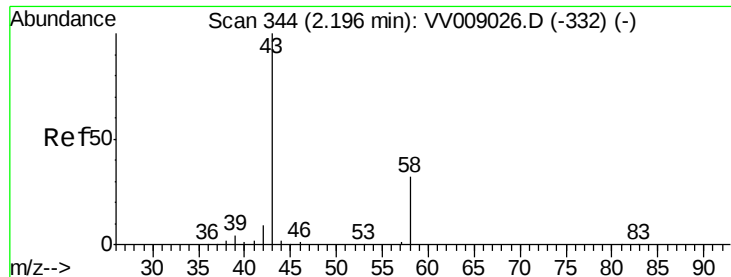
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.527 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009031.D

Acq: 19 Dec 2018 00:04

Instrument :

MSVOA_V

ClientSampleId :

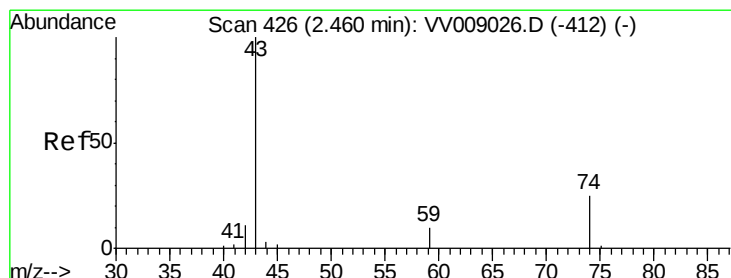
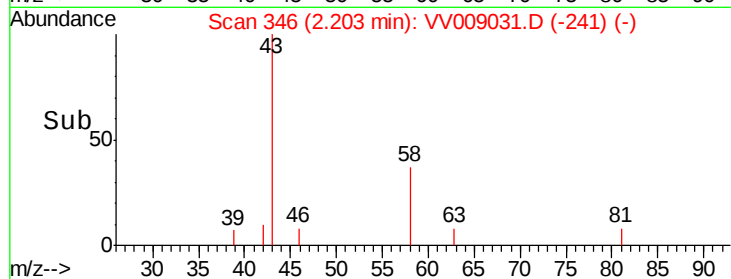
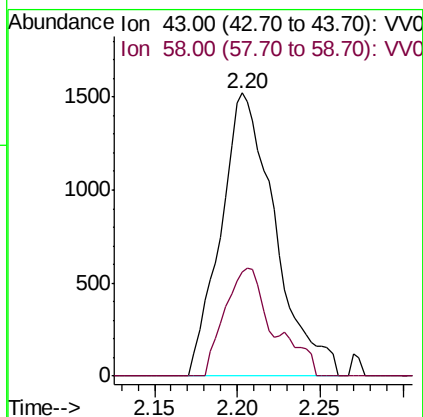
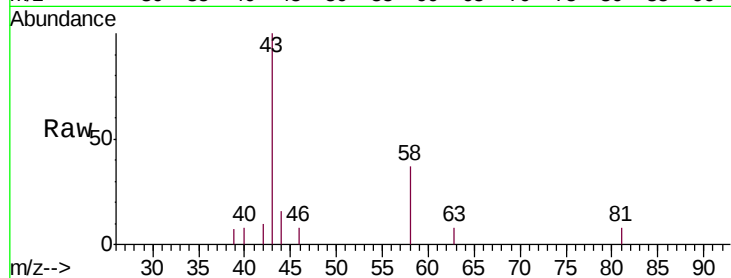
BF001

Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

43 100

58 27.5 0.0 65.4



#15

Methyl Acetate

Concen: 0.542 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VV009031.D

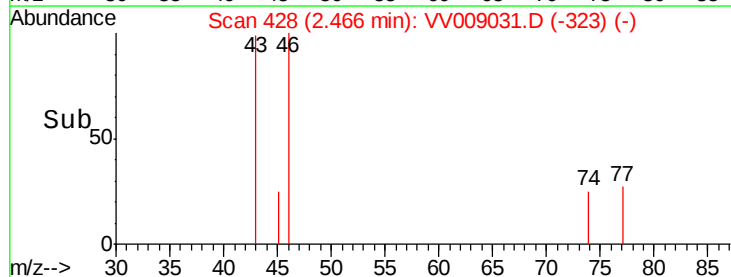
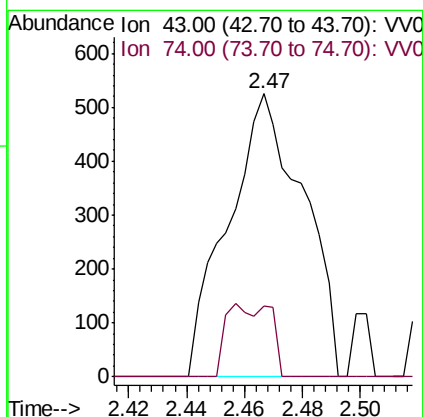
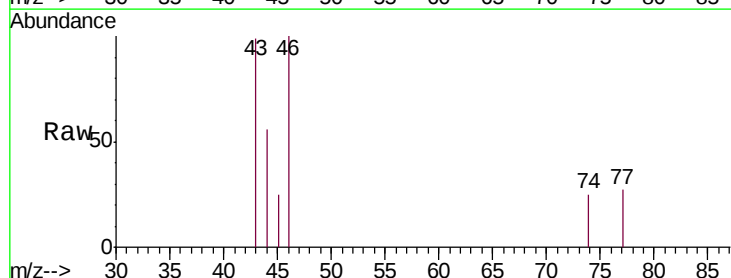
Acq: 19 Dec 2018 00:04

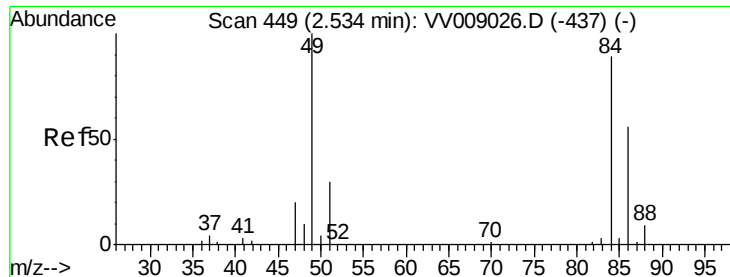
Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

43 100

74 5.3 19.7 29.5#

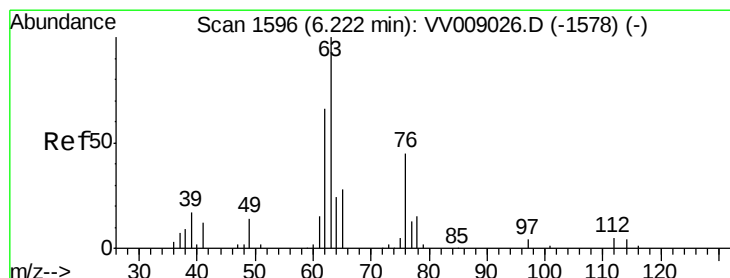
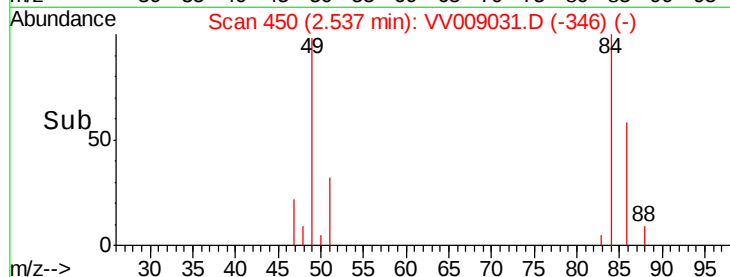
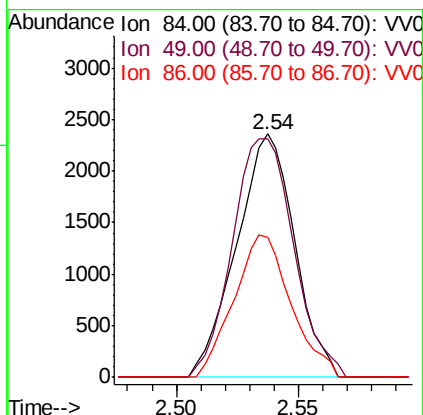
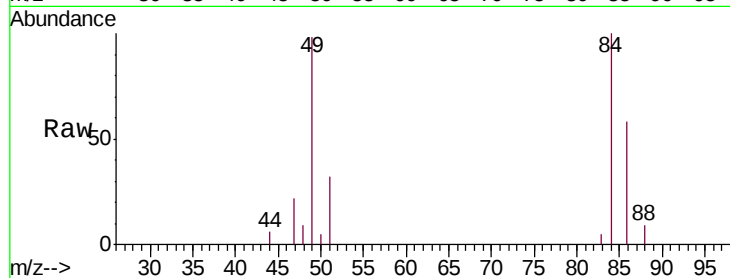




#16
Methylene chloride
Concen: 0.934 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009031.D
Acq: 19 Dec 2018 00:04

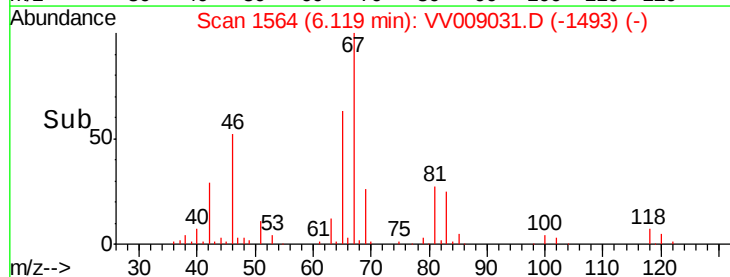
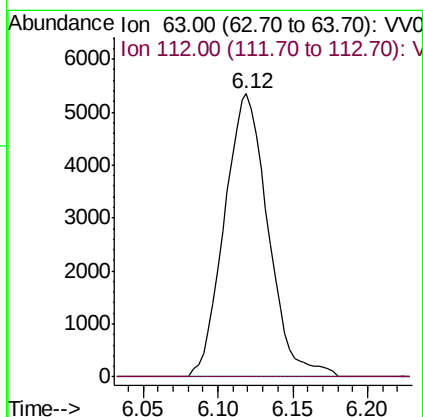
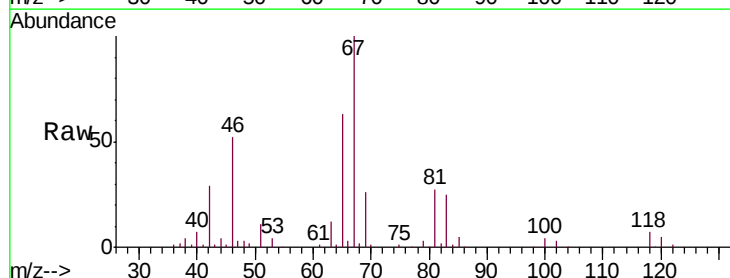
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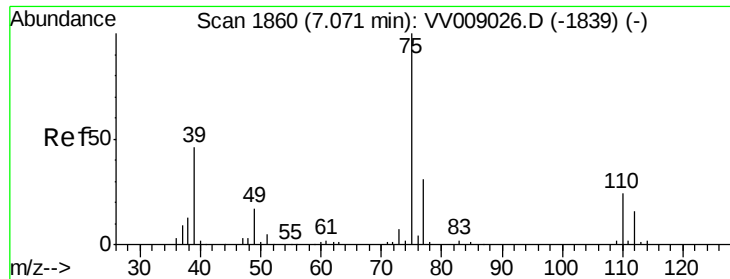
Tgt Ion: 84 Resp: 3896
Ion Ratio Lower Upper
84 100
49 98.0 80.5 149.5
86 57.6 45.5 84.5



#40
1,2-Dichloropropane
Concen: 3.498 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009031.D
Acq: 19 Dec 2018 00:04

Tgt Ion: 63 Resp: 10886
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009031.D

Acq: 19 Dec 2018 00:04

Instrument :

MSVOA_V

ClientSampleId :

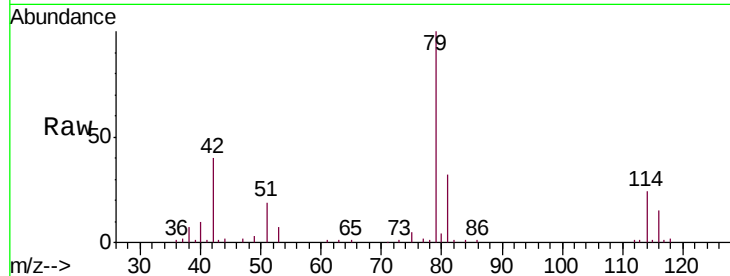
BF001

Tgt Ion: 75 Resp: 2408

Ion Ratio Lower Upper

75 100

77 48.5 21.3 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV009026.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV009026.D (-1839) (-)

7.03

1500

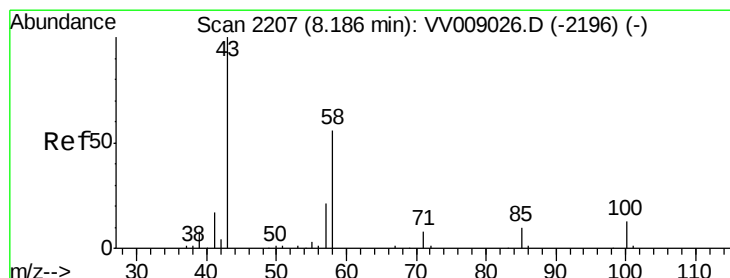
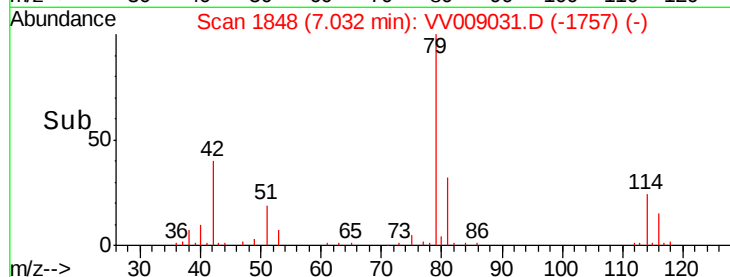
1000

500

0

7.00 7.05

Time-->



#49

2-Hexanone

Concen: 2.333 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009031.D

Acq: 19 Dec 2018 00:04

Tgt Ion: 43 Resp: 4060

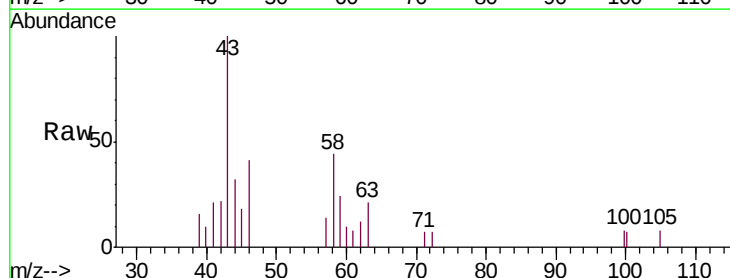
Ion Ratio Lower Upper

43 100

58 0.0 43.9 65.9#

57 2.2 15.7 23.5#

100 4.4 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV009026.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV009026.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV009026.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV009026.D (-2196) (-)

8.19

2500

2000

1500

1000

500

0

8.15 8.20 8.25

Time-->

