

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024602.D
 Acq On : 15 Jun 2018 18:39
 Operator : MD/SY
 Sample : J3511-13
 Misc : 2.92g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEBZ0

Quant Time: Jun 16 01:43:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 00:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	307263	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	290941	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144029	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116029	65.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.94%
7) Chloroethane-d5	1.64	69	58655	43.35	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.70%
11) 1,1-Dichloroethene-d2	2.23	63	183410	52.20	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.40%
21) 2-Butanone-d5	4.20	46	261393	176.08	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	176.08%#
24) Chloroform-d	4.65	84	260294	73.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.90%#
26) 1,2-Dichloroethane-d4	5.31	65	172239	77.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	155.02%#
32) Benzene-d6	5.34	84	540035	76.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.48%#
36) 1,2-Dichloropropane-d6	6.33	67	183860	78.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	156.46%#
41) Toluene-d8	7.57	98	535256	74.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	149.76%#
43) trans-1,3-Dichloropropene-	7.86	79	90876	75.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	151.56%#
47) 2-Hexanone-d5	8.33	63	226877	187.52	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	187.52%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	295094	85.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	171.20%#
64) 1,2-Dichlorobenzene-d4	11.87	152	231133	83.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	166.34%#

Target Compounds

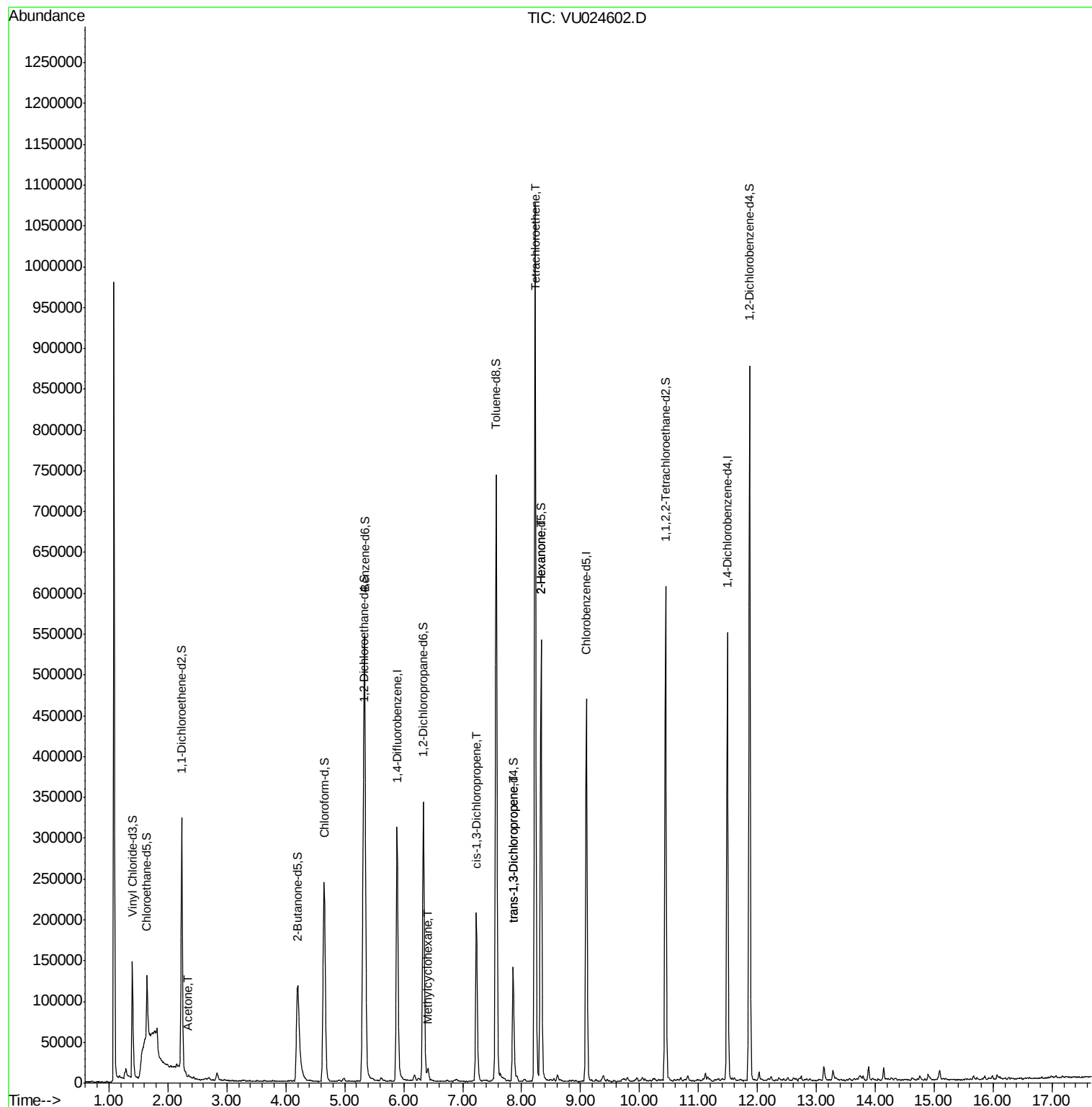
					Qvalue
13) Acetone	2.35	43	3503	2.211 ug/L	76
35) Methylcyclohexane	6.41	83	5825	1.534 ug/L	96
39) cis-1,3-Dichloropropene	7.23	75	5806	1.559 ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	4509	1.324 ug/L	91
46) Tetrachloroethene	8.23	164	252484	126.941 ug/L	98
48) 2-Hexanone	8.33	43	26215	9.143 ug/L #	66

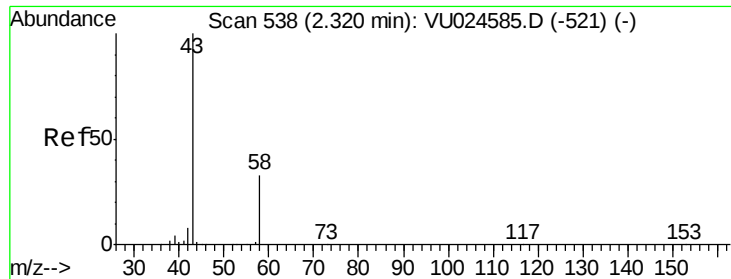
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 16 00:38:49 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.211 ug/L

RT: 2.35 min Scan# 547

Delta R.T. 0.03 min

Lab File: VU024602.D

Acq: 15 Jun 2018 18:39

Instrument :

MSVOA_U

ClientSampleId :

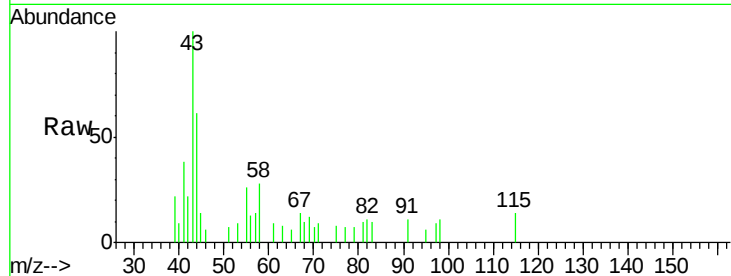
BEBZ0

Tgt Ion: 43 Resp: 3503

Ion Ratio Lower Upper

43 100

58 18.6 0.0 64.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2000

1500

1000

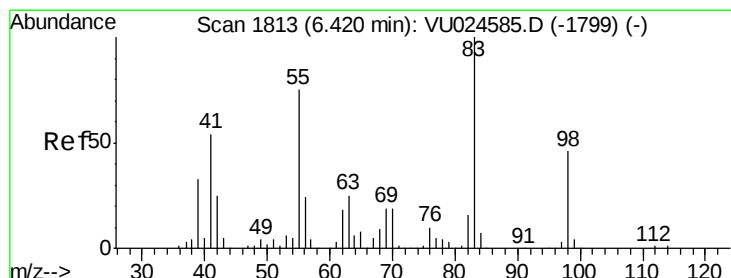
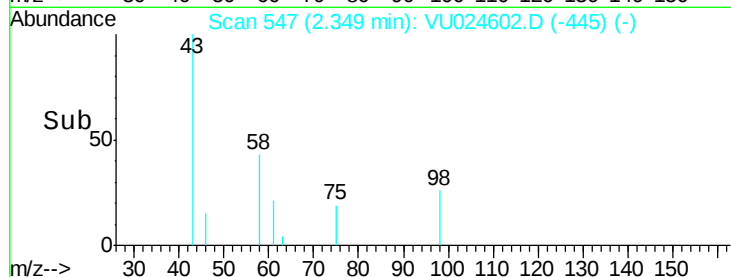
500

0

Time-->

2.30 2.35 2.40

2.35



#35

Methylcyclohexane

Concen: 1.534 ug/L

RT: 6.41 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VU024602.D

Acq: 15 Jun 2018 18:39

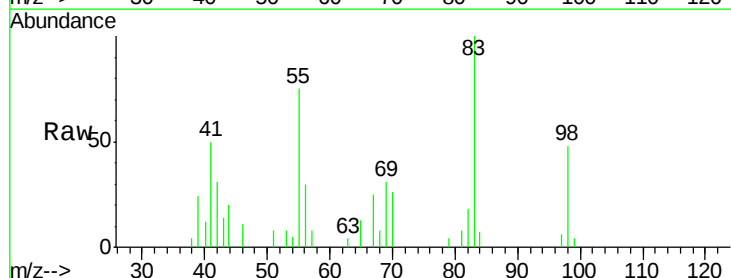
Tgt Ion: 83 Resp: 5825

Ion Ratio Lower Upper

83 100

55 79.4 59.4 89.0

98 47.9 37.6 56.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

10000

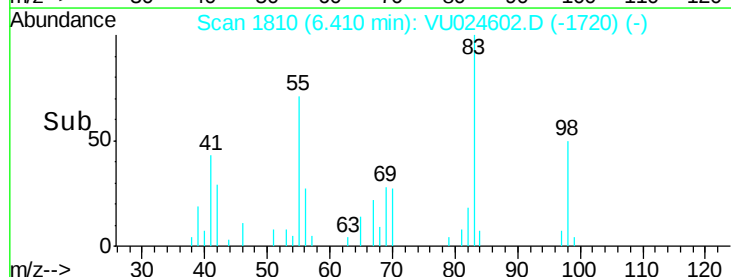
5000

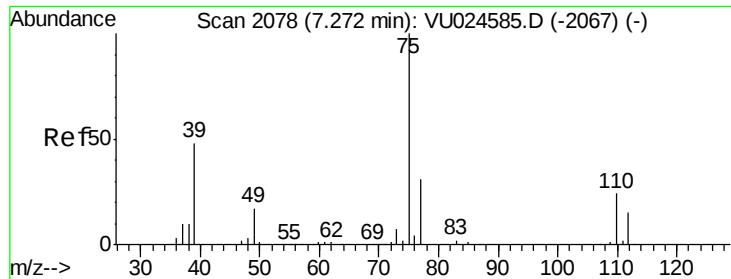
0

Time-->

6.40 6.41 6.45

6.41

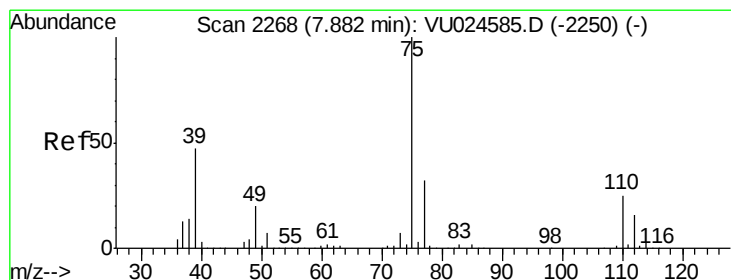
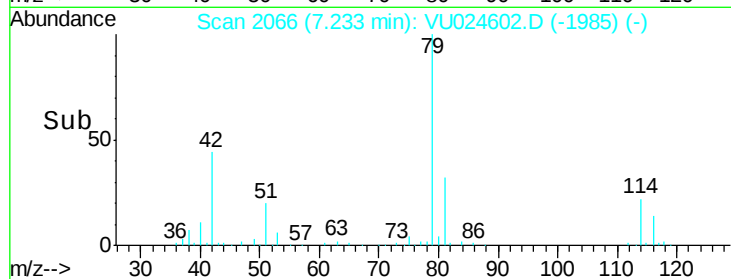
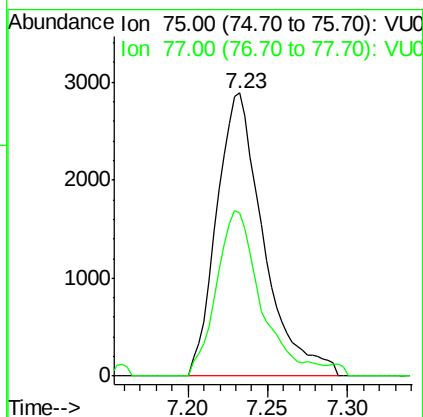
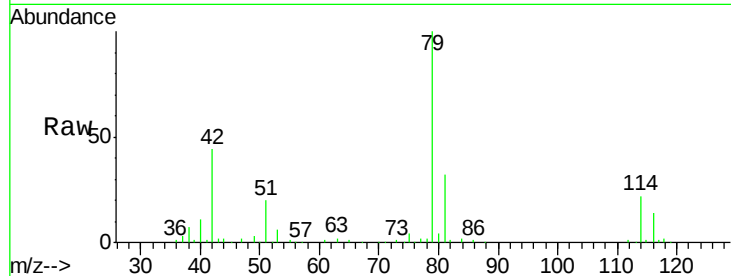




#39
 cis-1,3-Dichloropropene
 Concen: 1.559 ug/L
 RT: 7.23 min Scan# 2066
 Delta R.T. -0.04 min
 Lab File: VU024602.D
 Acq: 15 Jun 2018 18:39

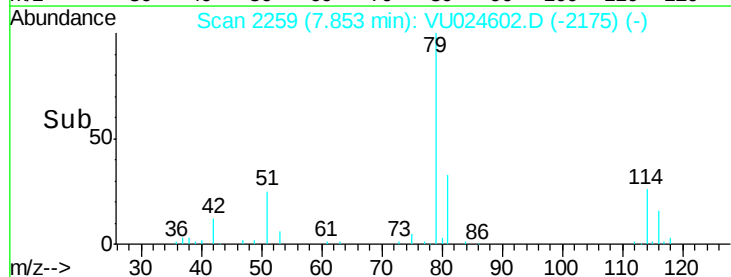
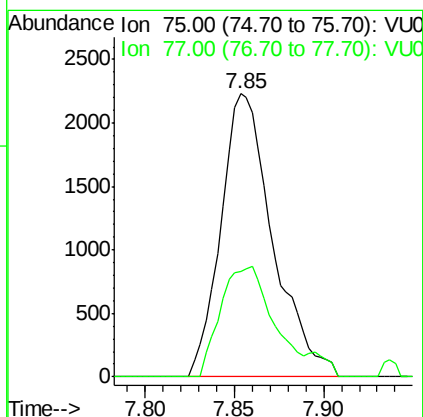
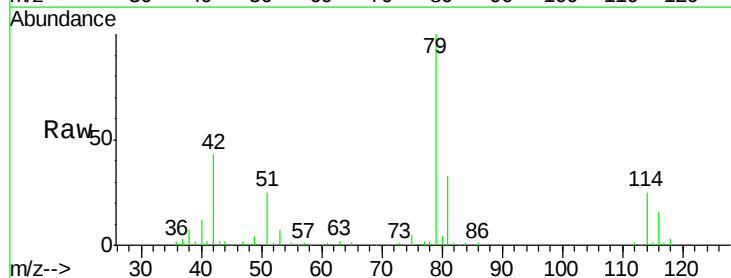
Instrument :
 MSVOA_U
 ClientSampleId :
 BEBZ0

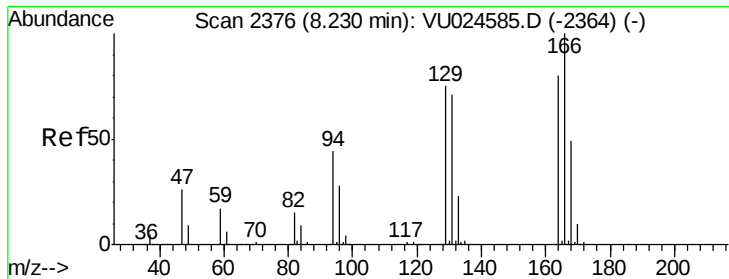
Tgt Ion: 75 Resp: 5806
 Ion Ratio Lower Upper
 75 100
 77 57.5 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 1.324 ug/L
 RT: 7.85 min Scan# 2259
 Delta R.T. -0.03 min
 Lab File: VU024602.D
 Acq: 15 Jun 2018 18:39

Tgt Ion: 75 Resp: 4509
 Ion Ratio Lower Upper
 75 100
 77 37.1 22.4 41.6





#46

Tetrachloroethene

Concen: 126.941 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU024602.D

Acq: 15 Jun 2018 18:39

Instrument :

MSVOA_U

ClientSampleId :

BEBZ0

Tgt Ion:164 Resp: 252484

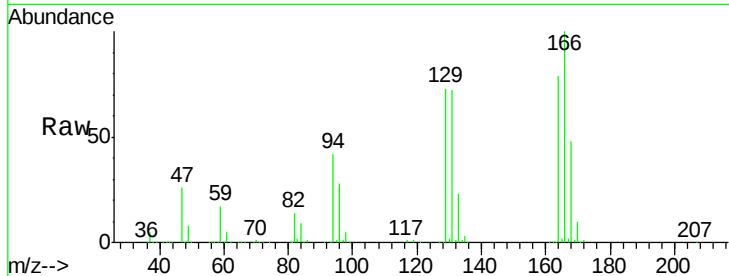
Ion Ratio Lower Upper

164 100

129 93.5 65.7 121.9

131 91.4 62.0 115.2

166 127.2 87.8 163.0

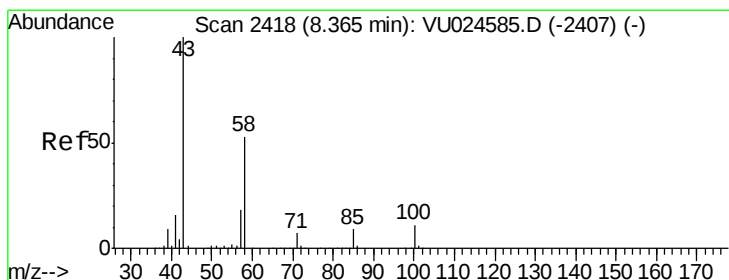
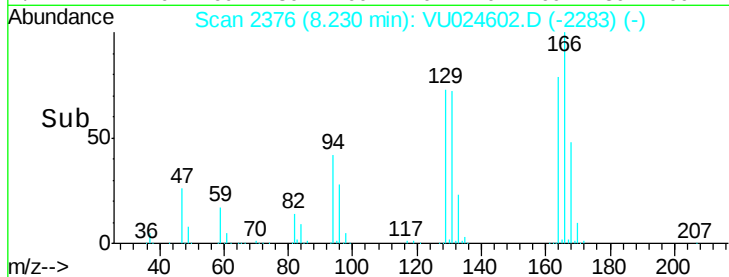
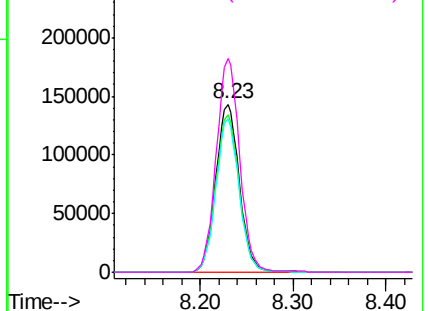


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 9.143 ug/L

RT: 8.33 min Scan# 2406

Delta R.T. -0.04 min

Lab File: VU024602.D

Acq: 15 Jun 2018 18:39

Tgt Ion: 43 Resp: 26215

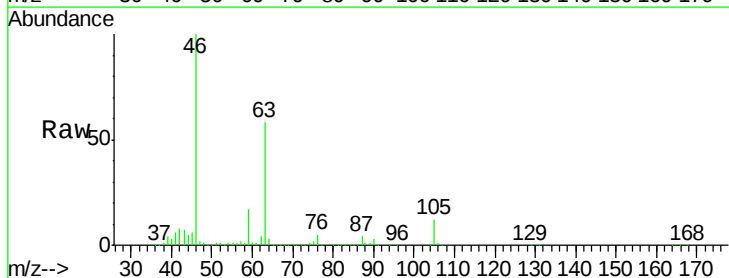
Ion Ratio Lower Upper

43 100

58 21.5 42.6 63.8#

57 21.9 14.7 22.1

100 0.0 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

