

Data File : VU032376.D
Acq On : 30 May 2019 13:04
Operator : JC/SP
Sample : K3017-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51G2RE

Quant Time: May 31 04:37:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	708218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	688530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216285	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.86%
7) Chloroethane-d5	1.67	69	200784	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.26%
11) 1,1-Dichloroethene-d2	2.27	63	326826	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
21) 2-Butanone-d5	4.17	46	354098	103.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.07%
24) Chloroform-d	4.64	84	439647	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	5.30	65	277468	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
32) Benzene-d6	5.33	84	935399	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.32	67	286647	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.26%
41) Toluene-d8	7.56	98	825045	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%
43) trans-1,3-Dichloropropene-	7.85	79	124794	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.22%
47) 2-Hexanone-d5	8.31	63	257951	109.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	424518	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	324966	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

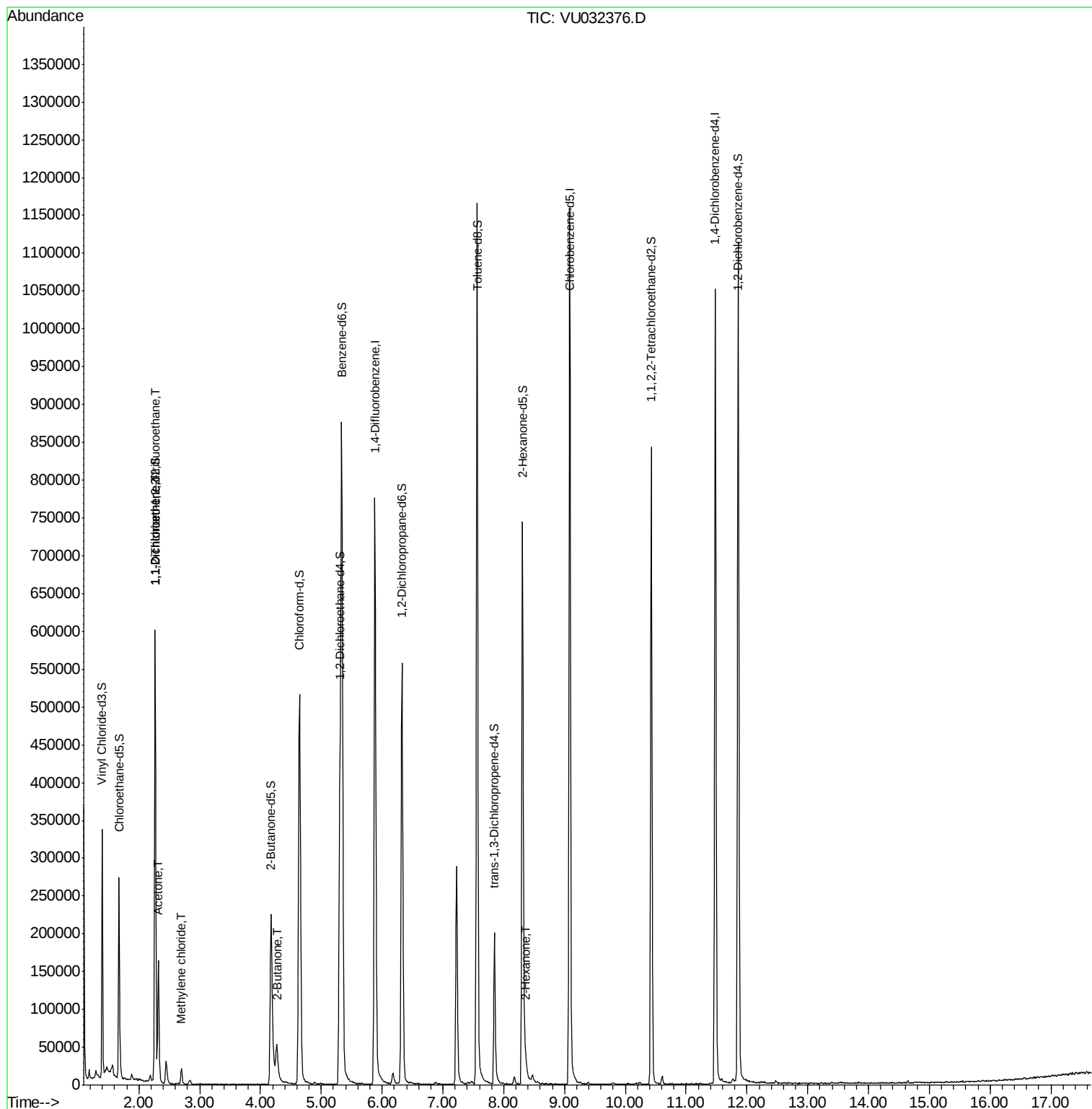
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3695	0.822	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2991	0.652	ug/L #	1
13) Acetone	2.32	43	161498	49.880	ug/L	98
16) Methylene chloride	2.70	84	10575	1.979	ug/L	98
22) 2-Butanone	4.27	43	76513	19.622	ug/L	99
48) 2-Hexanone	8.36	43	9001	1.681	ug/L #	72

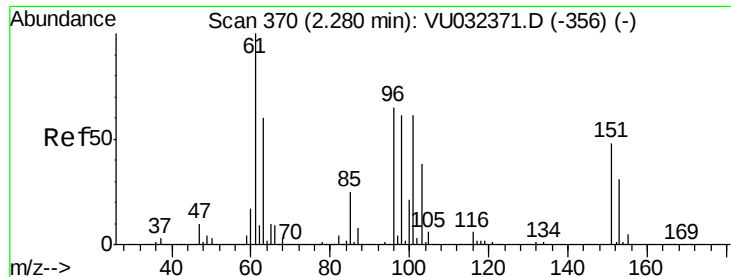
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.822 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

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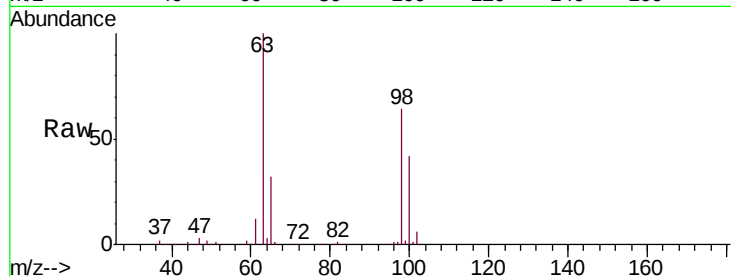
Tgt Ion: 101 Resp: 3695

Ion Ratio Lower Upper

101 100

85 1.1 33.4 50.0#

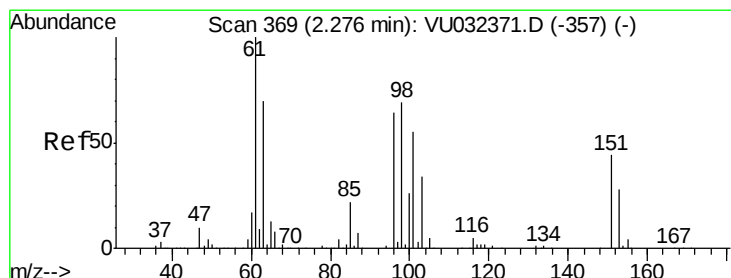
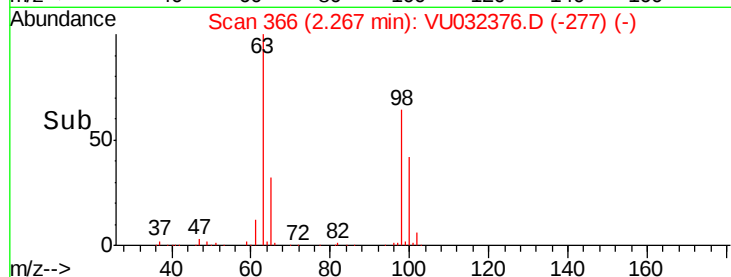
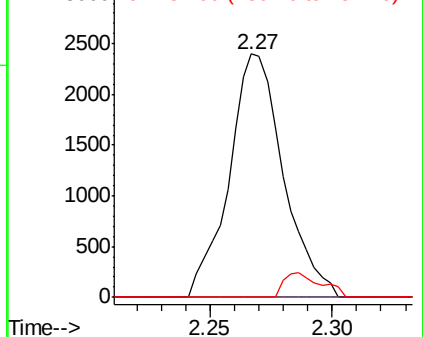
151 5.7 63.7 95.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.652 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032376.D

Acq: 30 May 2019 13:04

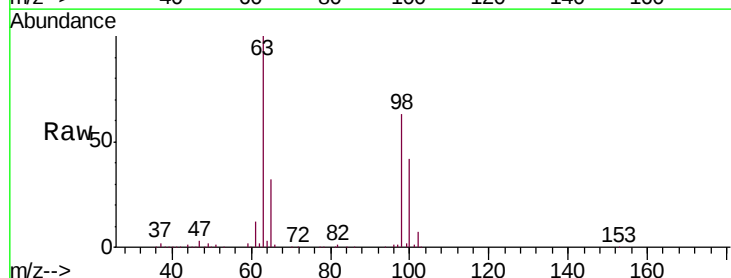
Tgt Ion: 96 Resp: 2991

Ion Ratio Lower Upper

96 100

61 1432.3 109.8 203.8#

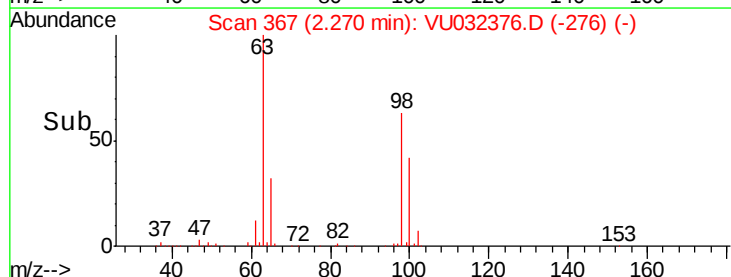
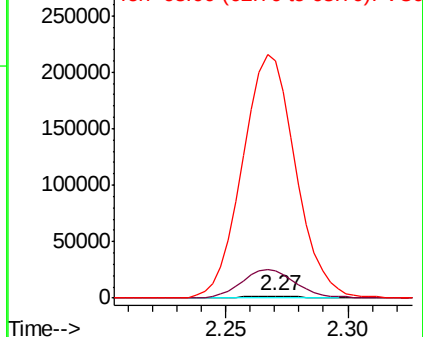
63 12275.4 74.4 138.2#

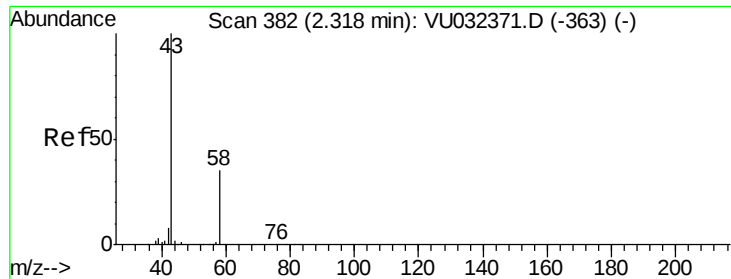


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 49.880 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 30 May 2019 13:04

Instrument :

MSVOA_U

ClientSampleId :

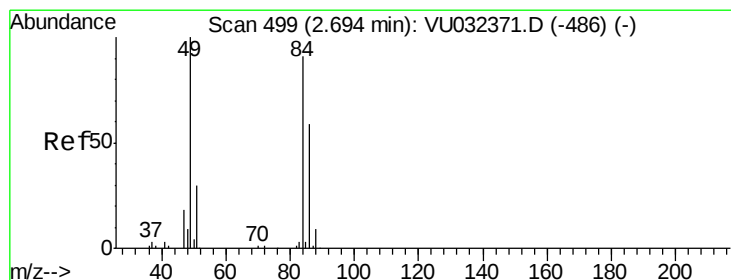
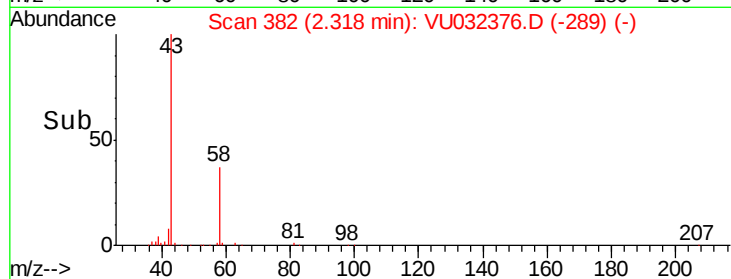
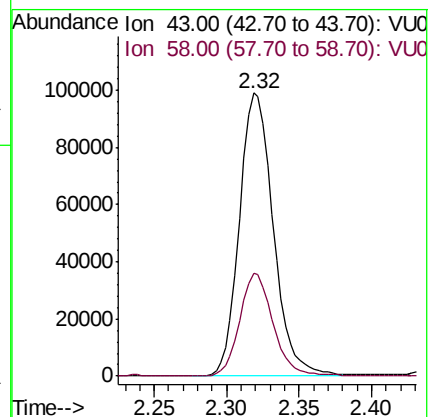
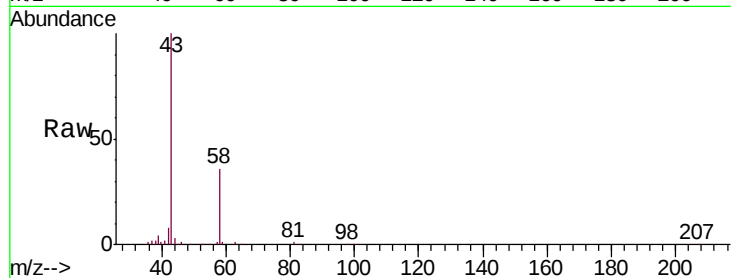
A51G2RE

Tgt Ion: 43 Resp: 161498

Ion Ratio Lower Upper

43 100

58 35.4 0.0 73.6



#16

Methylene chloride

Concen: 1.979 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.01 min

Lab File: VU032376.D

Acq: 30 May 2019 13:04

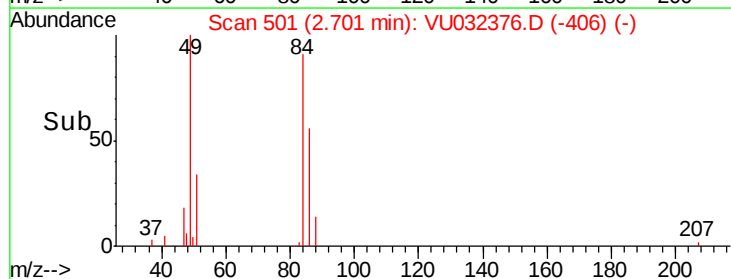
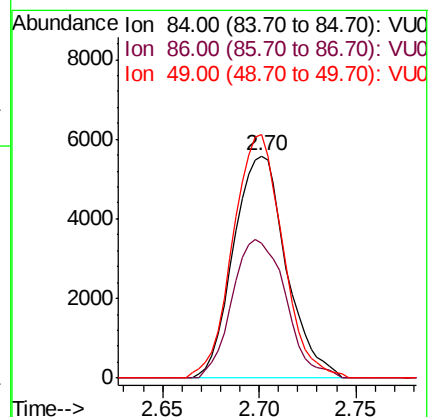
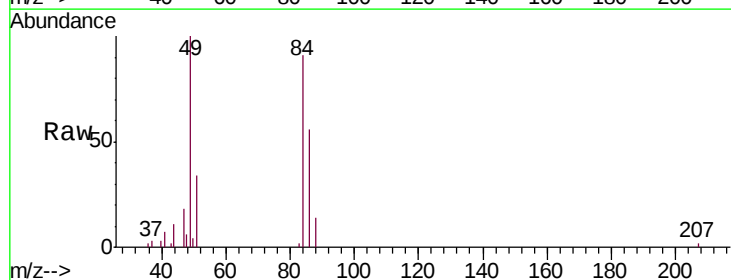
Tgt Ion: 84 Resp: 10575

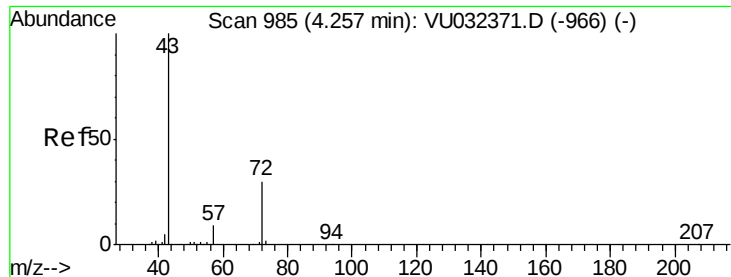
Ion Ratio Lower Upper

84 100

86 60.8 45.0 83.6

49 109.5 75.9 140.9





#22

2-Butanone

Concen: 19.622 ug/L

RT: 4.27 min Scan# 988

Delta R.T. 0.01 min

Lab File: VU032376.D

Acq: 30 May 2019 13:04

Instrument :

MSVOA_U

ClientSampleId :

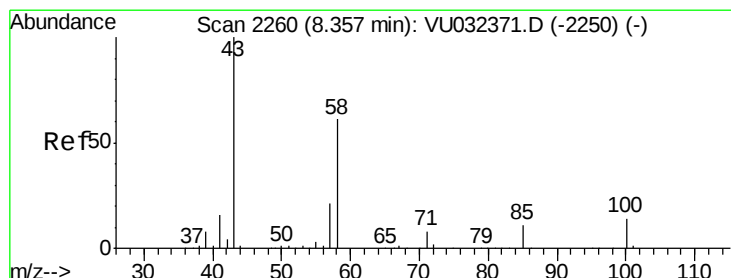
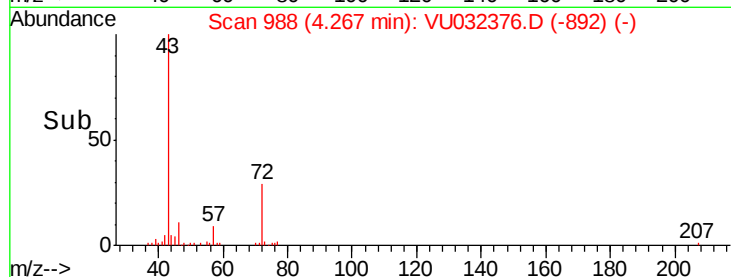
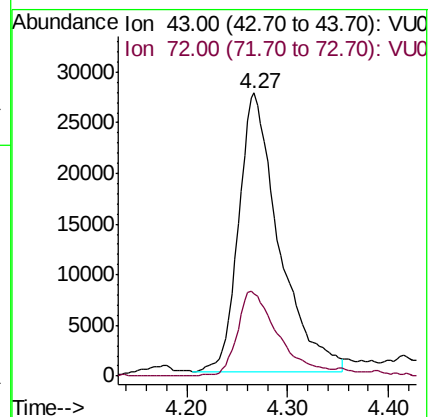
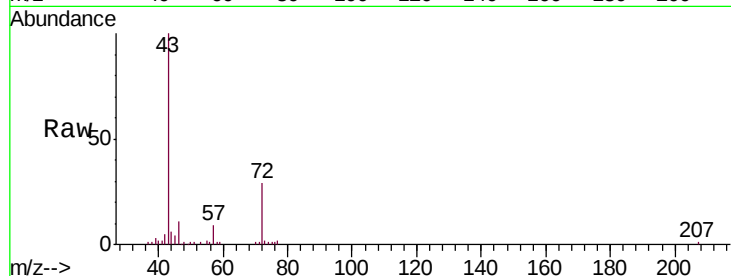
A51G2RE

Tgt Ion: 43 Resp: 76513

Ion Ratio Lower Upper

43 100

72 29.7 15.3 45.8



#48

2-Hexanone

Concen: 1.681 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU032376.D

Acq: 30 May 2019 13:04

Tgt Ion: 43 Resp: 9001

Ion Ratio Lower Upper

43 100

58 32.1 48.6 73.0#

57 17.7 17.0 25.4

100 6.2 11.0 16.4#

