

Data File : VU032375.D
Acq On : 30 May 2019 12:40
Operator : JC/SP
Sample : K3017-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51G2

Quant Time: May 31 04:37:40 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	709898	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	704763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	301871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	218537	41.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.52%
7) Chloroethane-d5	1.67	69	198385	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.27	63	321733	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.17	46	344957	100.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.17%
24) Chloroform-d	4.64	84	446275	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
26) 1,2-Dichloroethane-d4	5.31	65	270119	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.34	84	925243	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
36) 1,2-Dichloropropane-d6	6.32	67	282098	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.56	98	820184	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.85	79	118425	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.14%
47) 2-Hexanone-d5	8.31	63	255261	106.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	423429	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	324070	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%

Target Compounds

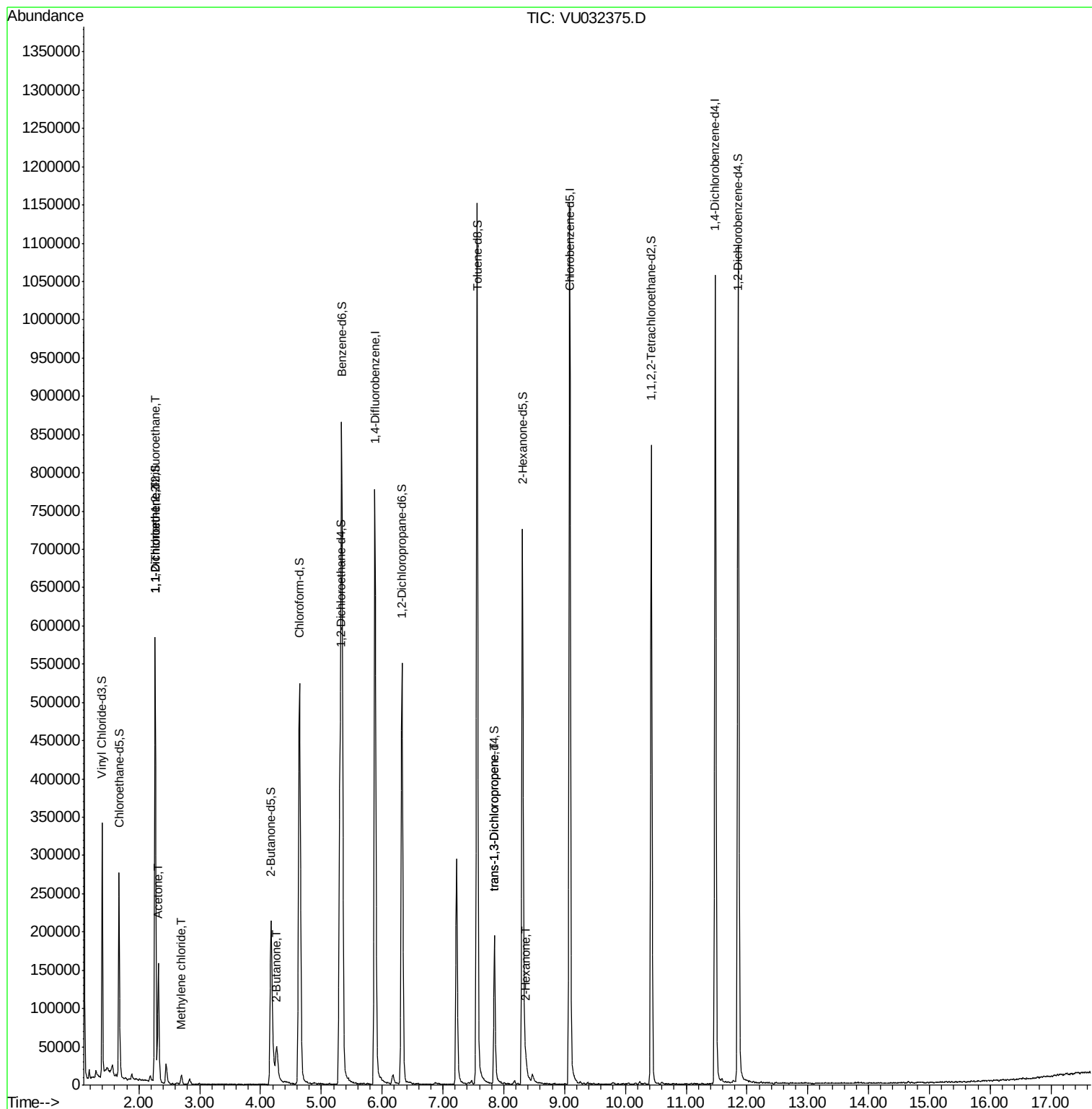
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3557	0.789	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2943	0.640	ug/L #	1
13) Acetone	2.32	43	158060	48.703	ug/L	97
16) Methylene chloride	2.70	84	6022	1.124	ug/L	100
22) 2-Butanone	4.27	43	73205	18.729	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	4864	0.729	ug/L	89
48) 2-Hexanone	8.36	43	10967	2.001	ug/L #	72

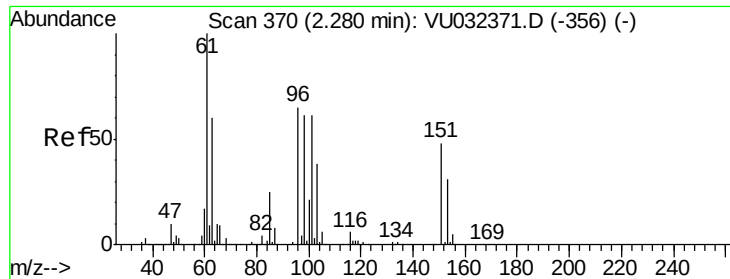
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.789 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032375.D

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Instrument :

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ClientSampleId :

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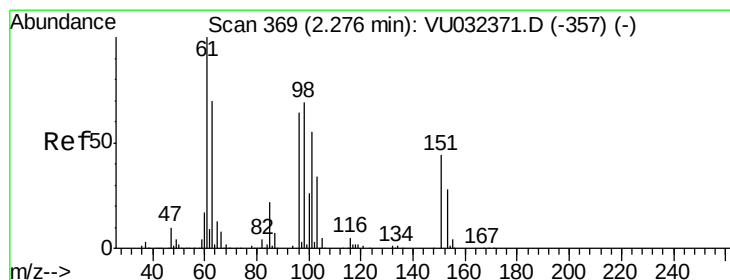
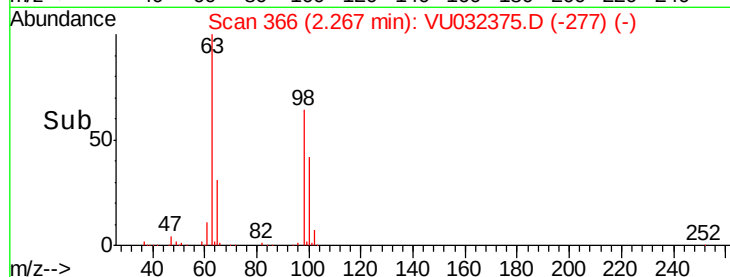
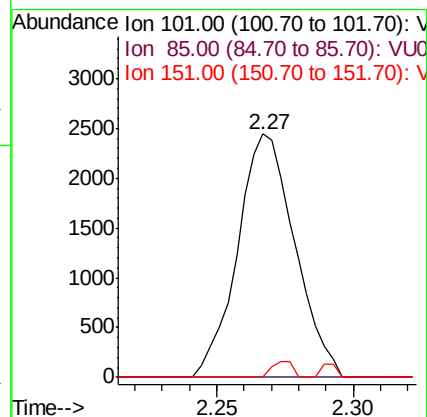
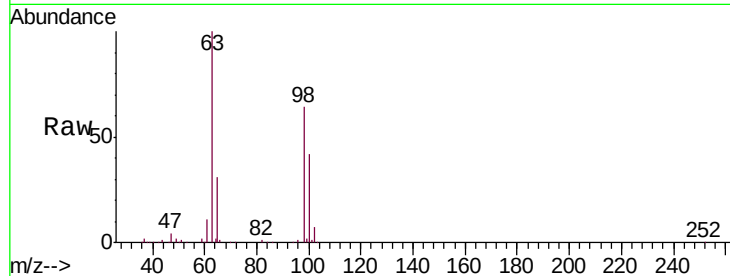
Tgt Ion: 101 Resp: 3557

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 2.3 63.7 95.5#



#12

1,1-Dichloroethene

Concen: 0.640 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032375.D

Acq: 30 May 2019 12:40

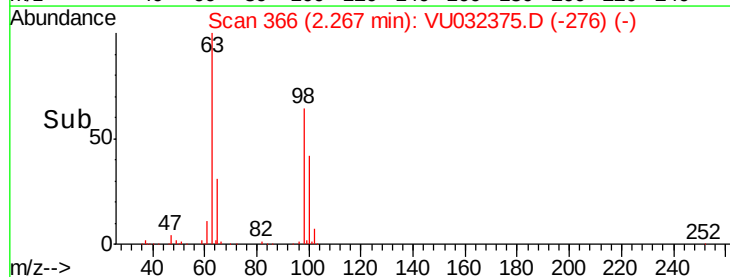
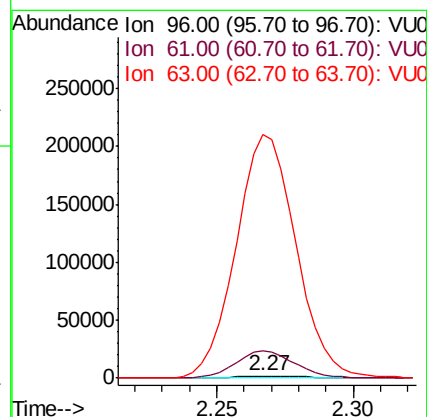
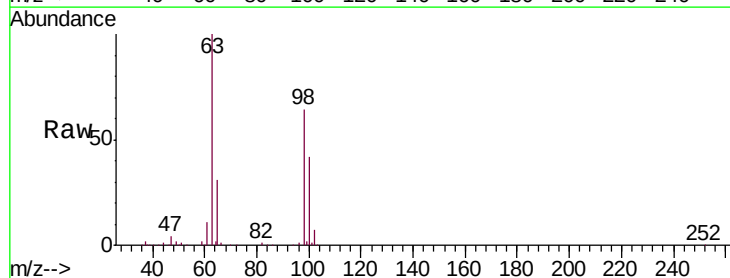
Tgt Ion: 96 Resp: 2943

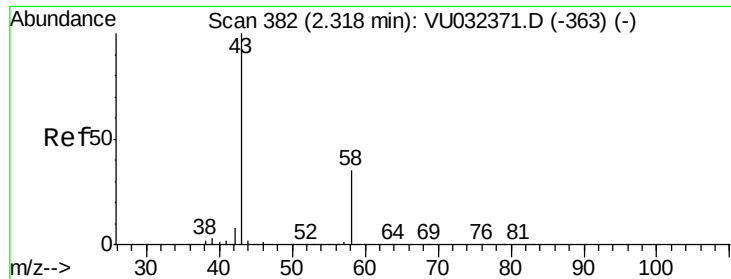
Ion Ratio Lower Upper

96 100

61 1226.4 109.8 203.8#

63 11018.9 74.4 138.2#





#13

Acetone

Concen: 48.703 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032375.D

Acq: 30 May 2019 12:40

Instrument :

MSVOA_U

ClientSampled :

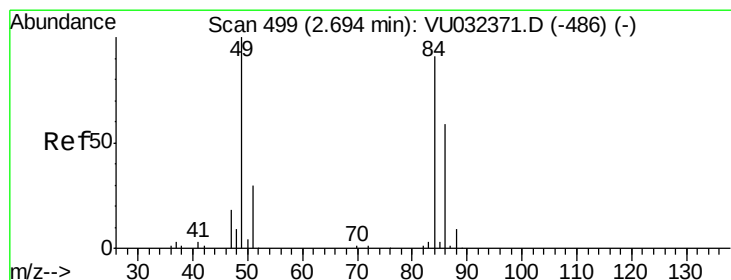
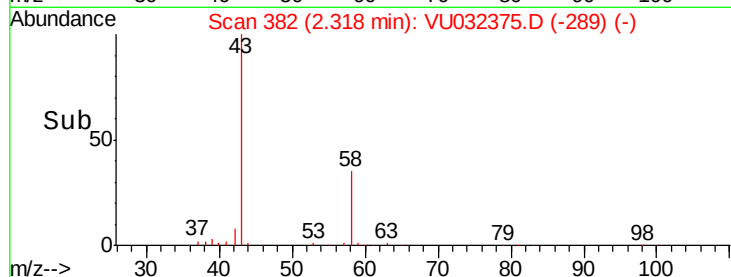
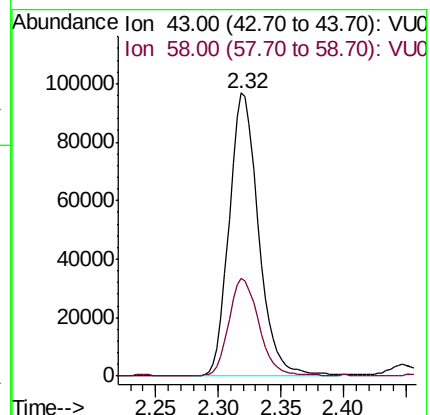
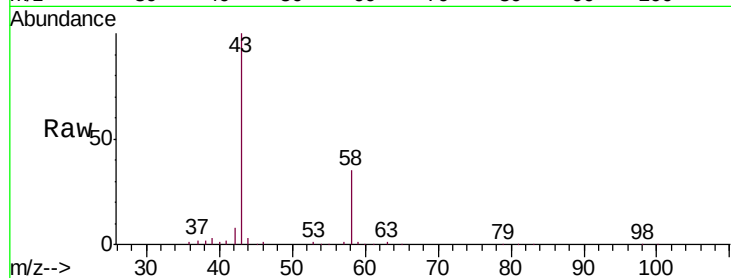
A51G2

Tgt Ion: 43 Resp: 158060

Ion Ratio Lower Upper

43 100

58 35.3 0.0 73.6



#16

Methylene chloride

Concen: 1.124 ug/L

RT: 2.70 min Scan# 502

Delta R.T. 0.01 min

Lab File: VU032375.D

Acq: 30 May 2019 12:40

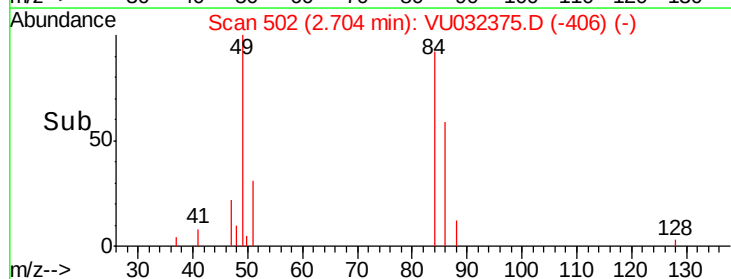
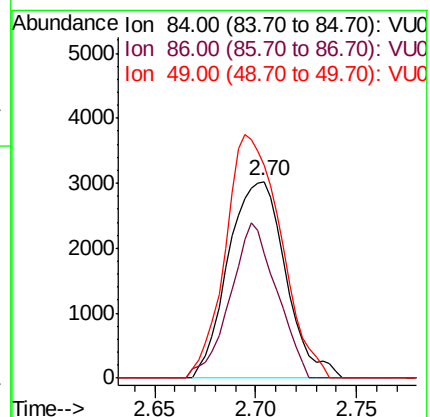
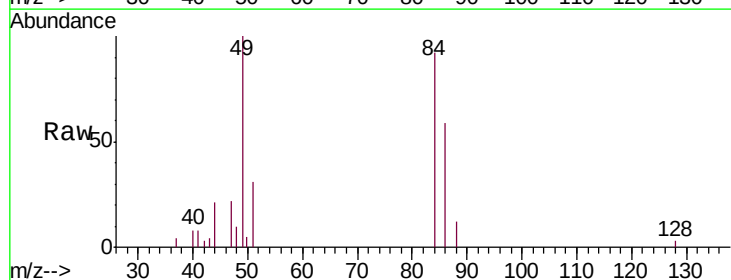
Tgt Ion: 84 Resp: 6022

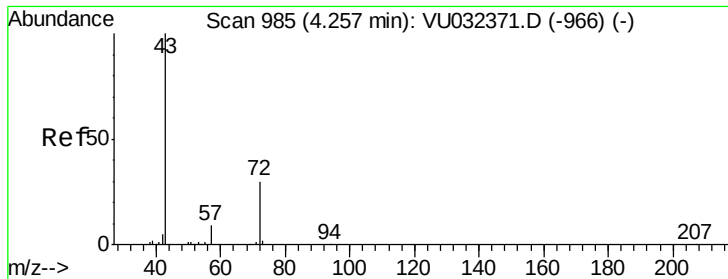
Ion Ratio Lower Upper

84 100

86 63.6 45.0 83.6

49 108.5 75.9 140.9





#22

2-Butanone

Concen: 18.729 ug/L

RT: 4.27 min Scan# 988

Delta R.T. 0.01 min

Lab File: VU032375.D

Acq: 30 May 2019 12:40

Instrument :

MSVOA_U

ClientSampleId :

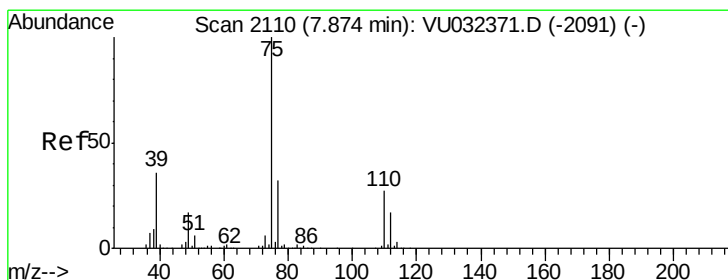
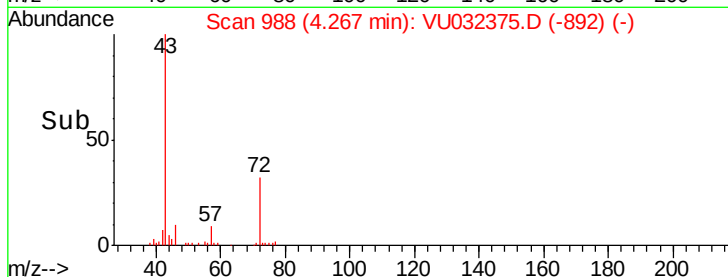
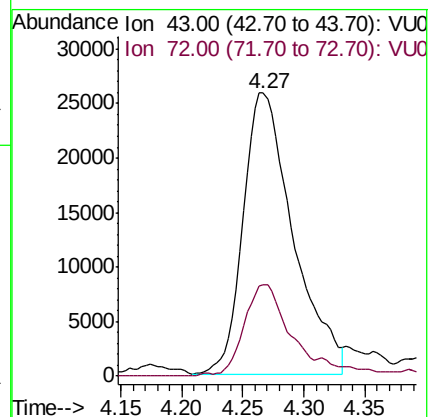
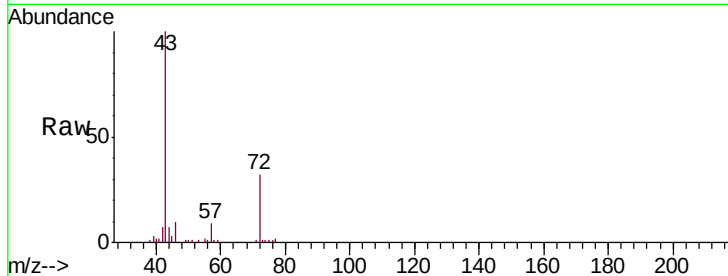
A51G2

Tgt Ion: 43 Resp: 73205

Ion Ratio Lower Upper

43 100

72 26.7 15.3 45.8



#44

trans-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032375.D

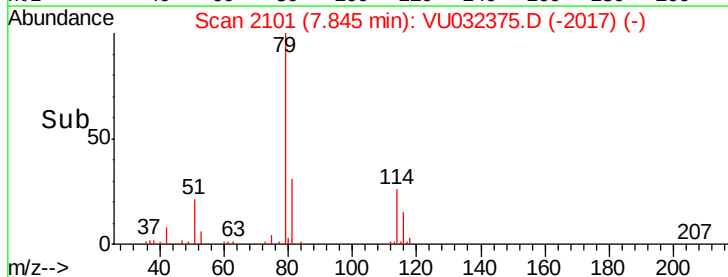
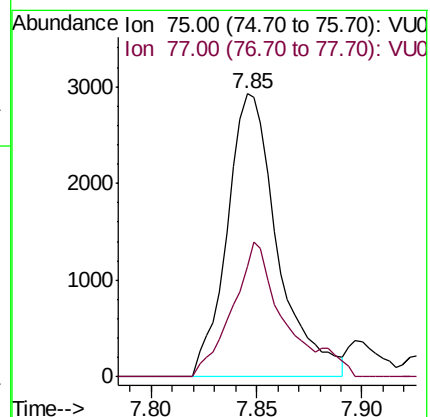
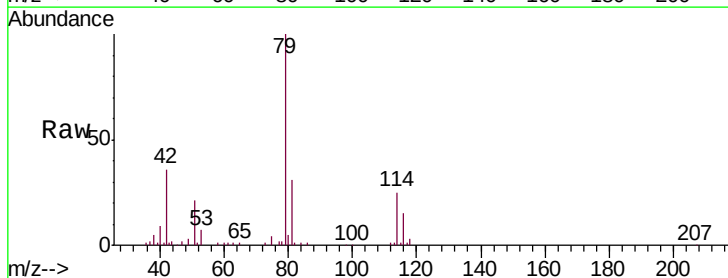
Acq: 30 May 2019 12:40

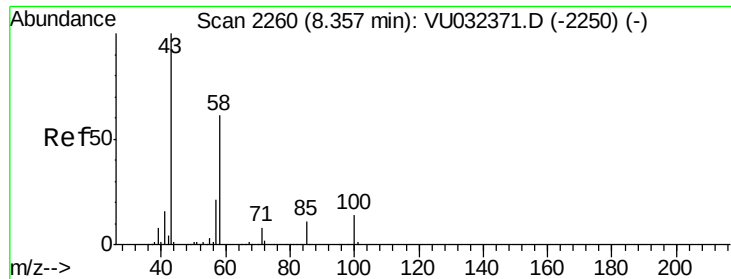
Tgt Ion: 75 Resp: 4864

Ion Ratio Lower Upper

75 100

77 39.1 23.0 42.6





#48
 2-Hexanone
 Concen: 2.001 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032375.D
 Acq: 30 May 2019 12:40

Instrument :
 MSVOA_U
 ClientSampleId :
 A51G2

Tgt Ion: 43 Resp: 10967
 Ion Ratio Lower Upper
 43 100
 58 41.1 48.6 73.0#
 57 0.0 17.0 25.4#
 100 8.6 11.0 16.4#

