

Data File : VU030437.D
Acq On : 26 Mar 2019 12:24
Operator : JC/SP
Sample : K2101-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1F9

Quant Time: Mar 27 04:33:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	446478	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	432006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170685	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194536	54.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.28%
7) Chloroethane-d5	1.67	69	153866	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.06%
11) 1,1-Dichloroethene-d2	2.27	63	267842	39.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.60%
21) 2-Butanone-d5	4.17	46	330895	97.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	4.64	84	315852	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
26) 1,2-Dichloroethane-d4	5.31	65	211358	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
32) Benzene-d6	5.34	84	644567	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
36) 1,2-Dichloropropane-d6	6.33	67	225384	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.34%
41) Toluene-d8	7.56	98	558087	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%
43) trans-1,3-Dichloropropene-	7.85	79	99209	49.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.56%
47) 2-Hexanone-d5	8.31	63	208893	90.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298175	49.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	181882	53.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.36%

Target Compounds

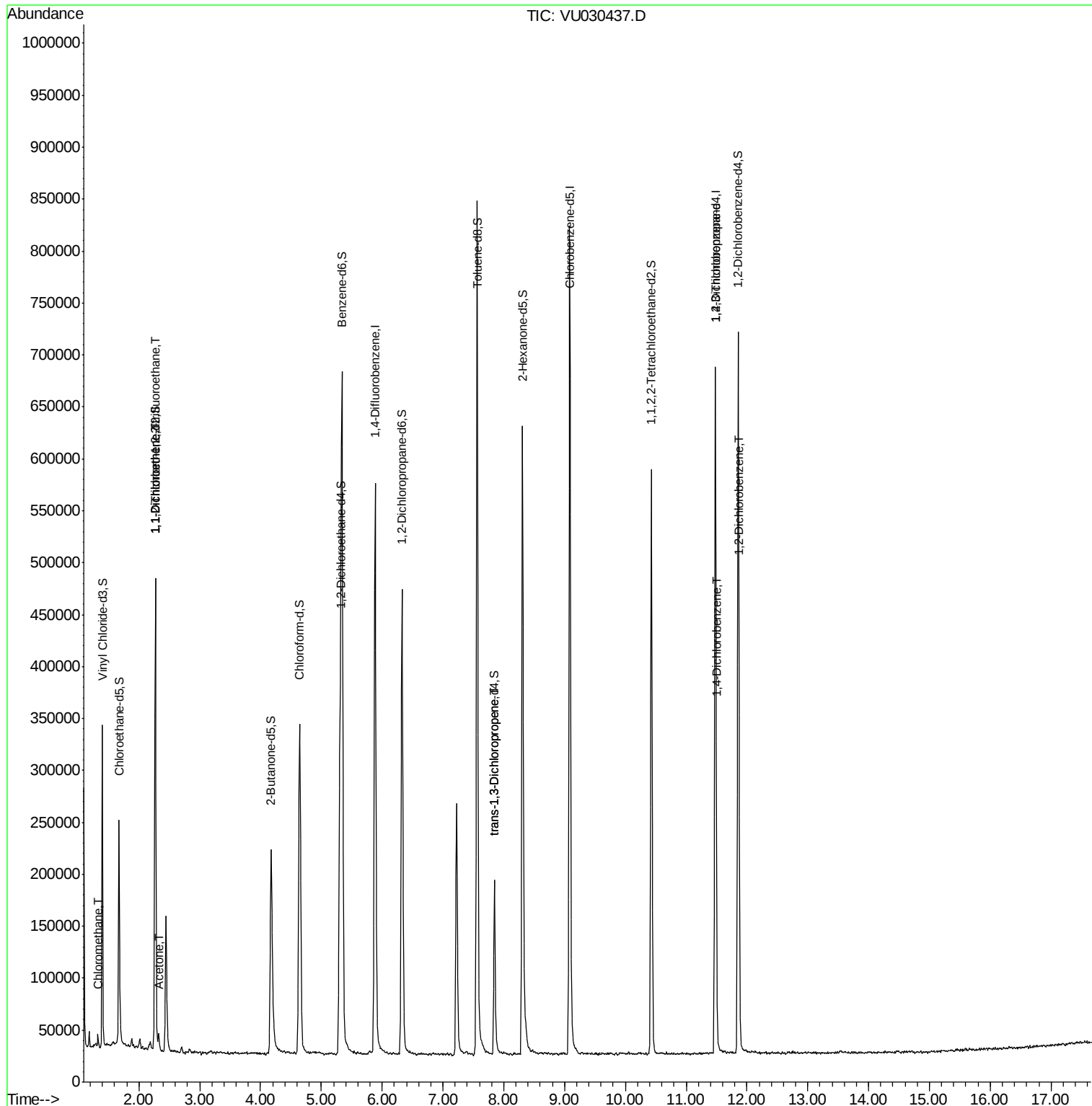
					Qvalue
3) Chloromethane	1.33	50	7798	1.415 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2534	0.778 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1897	0.594 ug/L #	1
13) Acetone	2.32	43	13235	3.874 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3588	0.680 ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	24351	4.794 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	5610	0.976 ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	7615	1.349 ug/L	93

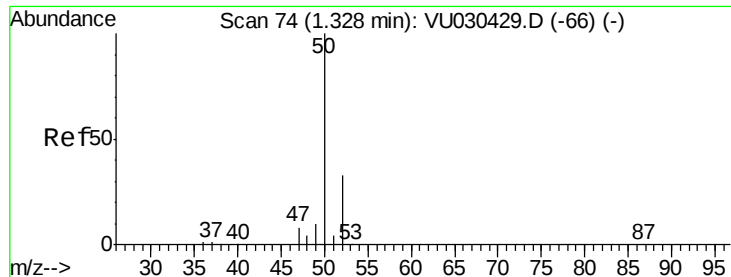
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.415 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU030437.D

Acq: 26 Mar 2019 12:24

Instrument :

MSVOA_U

ClientSampleId :

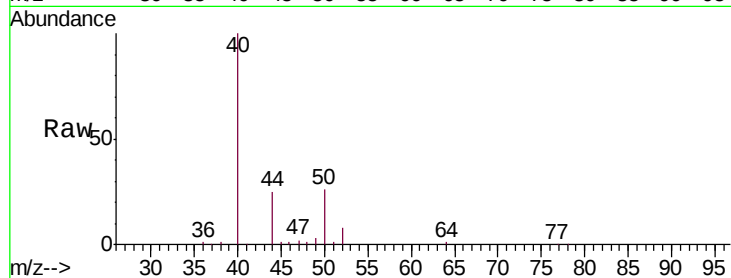
BF1F9

Tgt Ion: 50 Resp: 7798

Ion Ratio Lower Upper

50 100

52 31.5 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030437.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU030437.D (-1) (-)

1.33

8000

6000

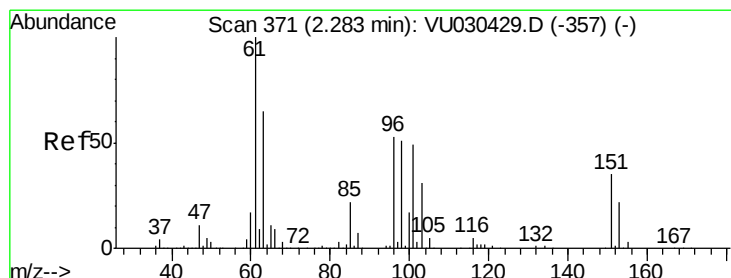
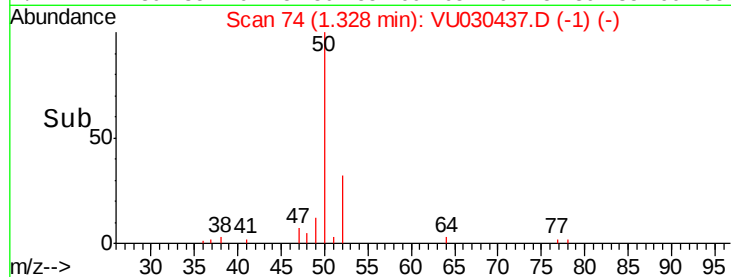
4000

2000

0

1.30 1.32 1.34 1.36

Time-->



#10

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

Concen: 0.778 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030437.D

Acq: 26 Mar 2019 12:24

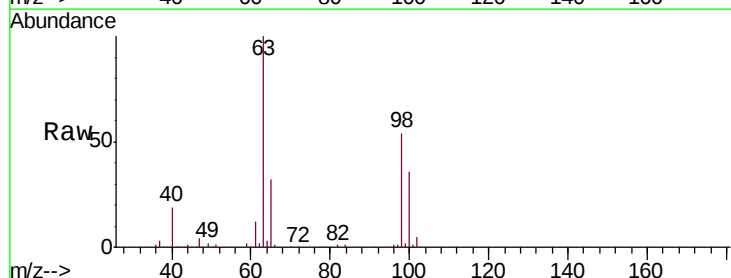
Tgt Ion: 101 Resp: 2534

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): VU030437.D (-278) (-)

Ion 85.00 (84.70 to 85.70): VU030437.D (-278) (-)

Ion 151.00 (150.70 to 151.70): VU030437.D (-278) (-)

2.27

2000

1500

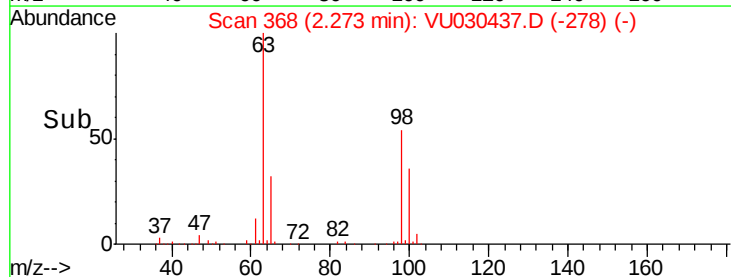
1000

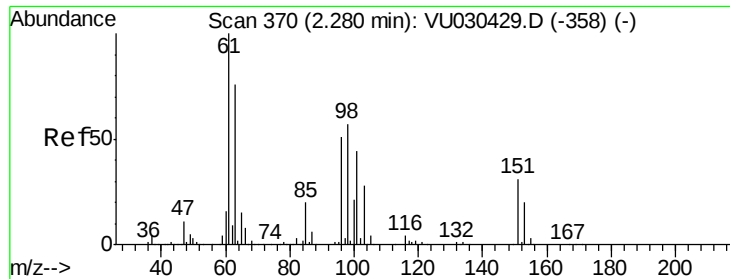
500

0

2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.594 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030437.D

Acq: 26 Mar 2019 12:24

Instrument :

MSVOA_U

ClientSampleId :

BF1F9

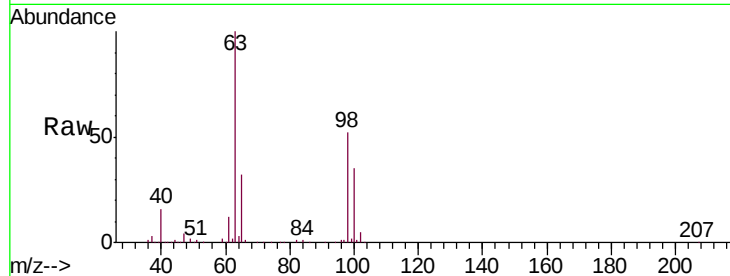
Tgt Ion: 96 Resp: 1897

Ion Ratio Lower Upper

96 100

61 1629.0 131.0 243.4#

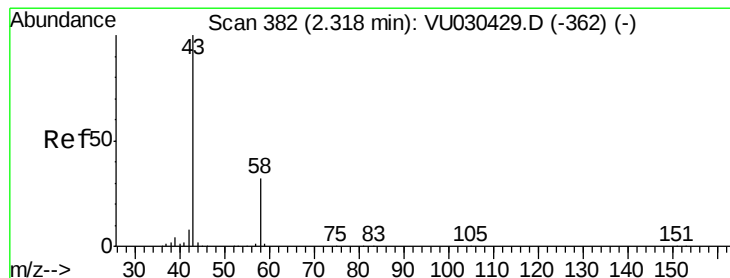
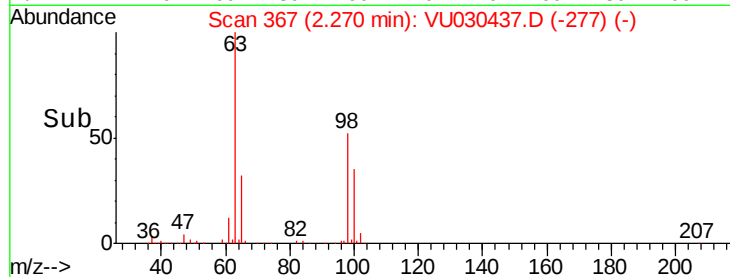
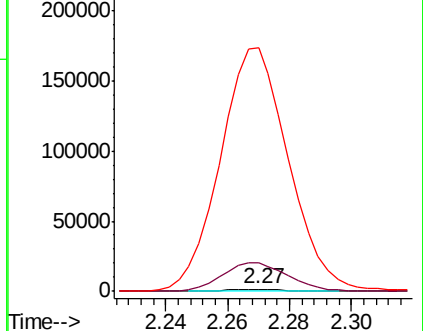
63 13963.6 92.4 171.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030437.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU030437.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU030437.D (-277) (-)



#13

Acetone

Concen: 3.874 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU030437.D

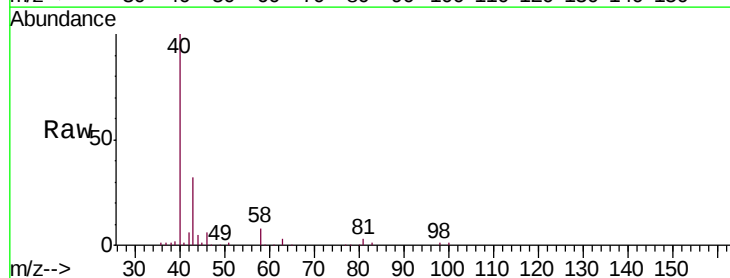
Acq: 26 Mar 2019 12:24

Tgt Ion: 43 Resp: 13235

Ion Ratio Lower Upper

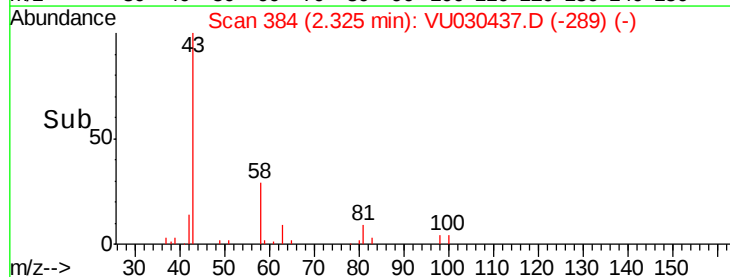
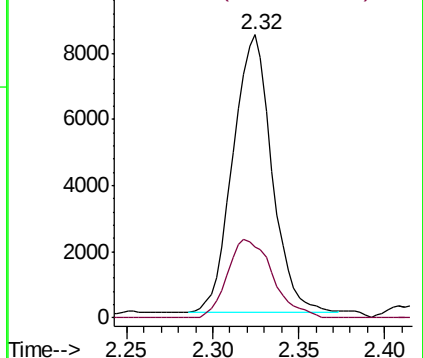
43 100

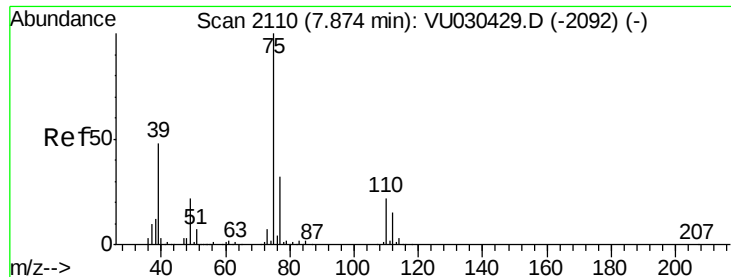
58 32.8 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030437.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU030437.D (-289) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030437.D

Acq: 26 Mar 2019 12:24

Instrument :

MSVOA_U

ClientSampleId :

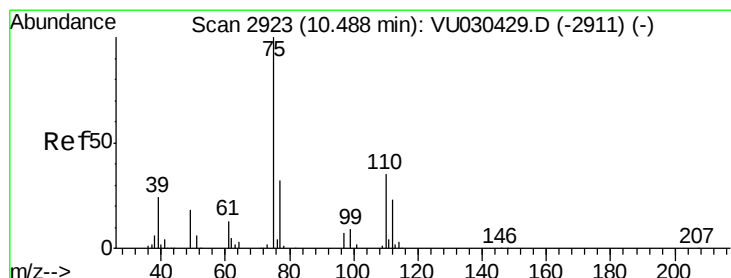
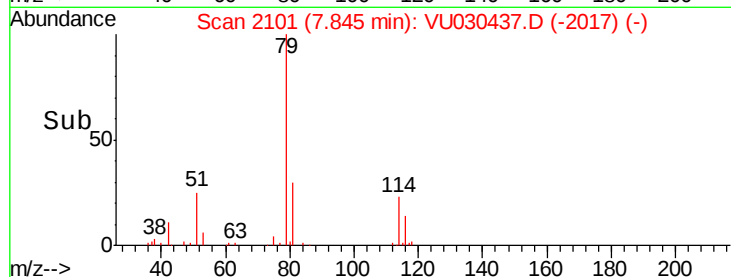
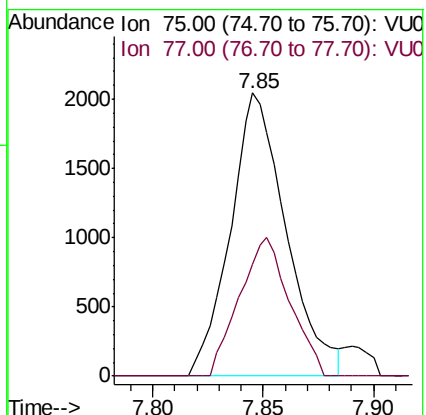
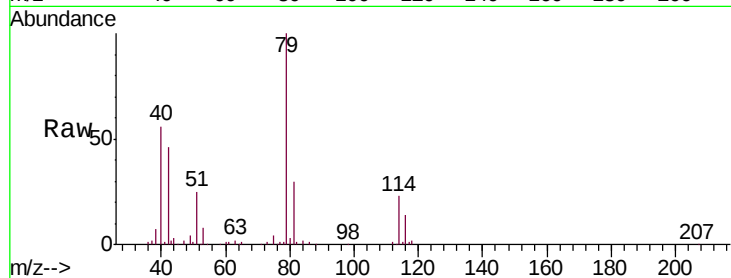
BF1F9

Tgt Ion: 75 Resp: 3588

Ion Ratio Lower Upper

75 100

77 39.5 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 4.794 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030437.D

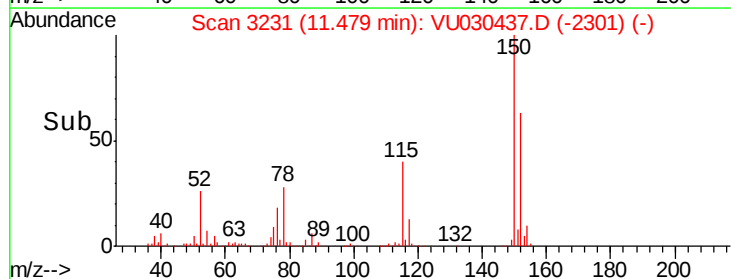
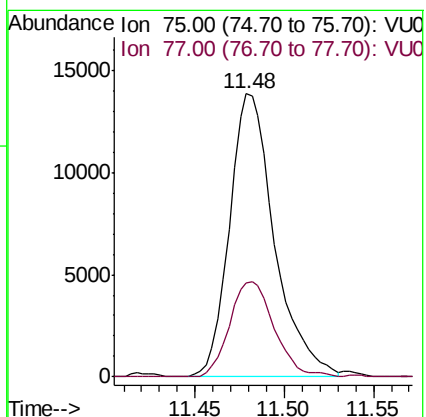
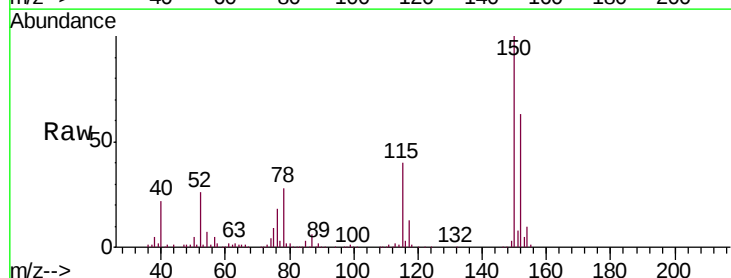
Acq: 26 Mar 2019 12:24

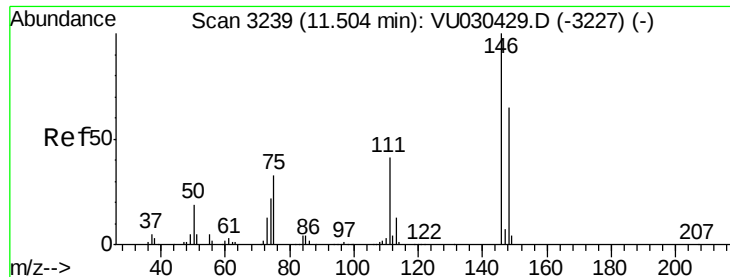
Tgt Ion: 75 Resp: 24351

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

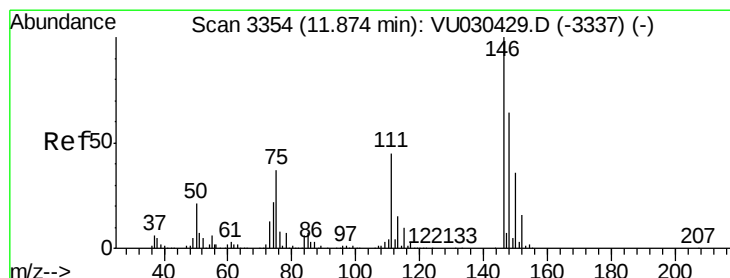
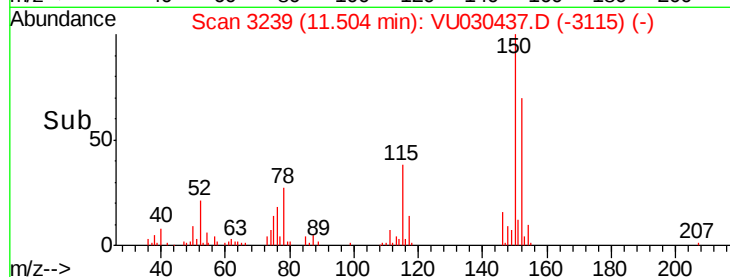
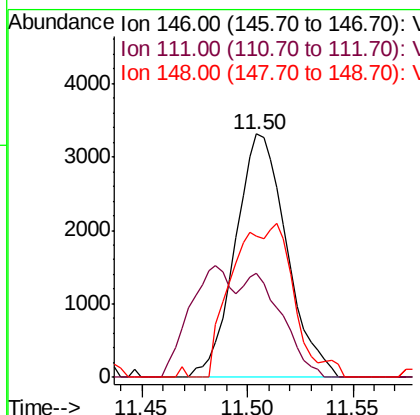
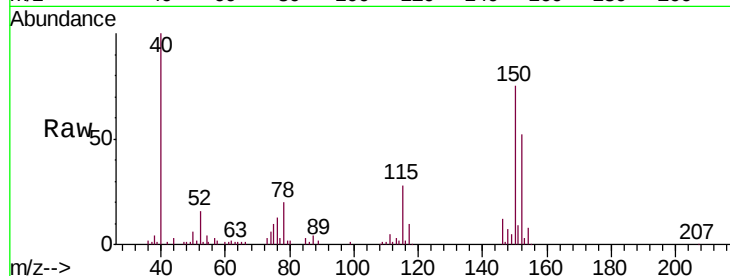




#63
 1,4-Dichlorobenzene
 Concen: 0.976 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030437.D
 Acq: 26 Mar 2019 12:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1F9

Tgt Ion:146 Resp: 5610
 Ion Ratio Lower Upper
 146 100
 111 42.7 28.7 53.3
 148 58.2 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 1.349 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030437.D
 Acq: 26 Mar 2019 12:24

Tgt Ion:146 Resp: 7615
 Ion Ratio Lower Upper
 146 100
 111 47.4 34.9 52.3
 148 70.1 51.2 76.8

