

Data File : VU030432.D
Acq On : 26 Mar 2019 10:26
Operator : JC/SP
Sample : K2062-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 27 04:32:52 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	392678	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	377239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	163997	51.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.78%
7) Chloroethane-d5	1.67	69	133075	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.26%
11) 1,1-Dichloroethene-d2	2.27	63	228939	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
21) 2-Butanone-d5	4.17	46	338517	113.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.95%
24) Chloroform-d	4.64	84	280700	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
26) 1,2-Dichloroethane-d4	5.31	65	196700	55.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.42%
32) Benzene-d6	5.34	84	565898	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.62%
36) 1,2-Dichloropropane-d6	6.33	67	207590	56.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.18%
41) Toluene-d8	7.56	98	484823	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.85	79	88405	50.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.58%
47) 2-Hexanone-d5	8.31	63	216358	107.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284256	53.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	160923	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

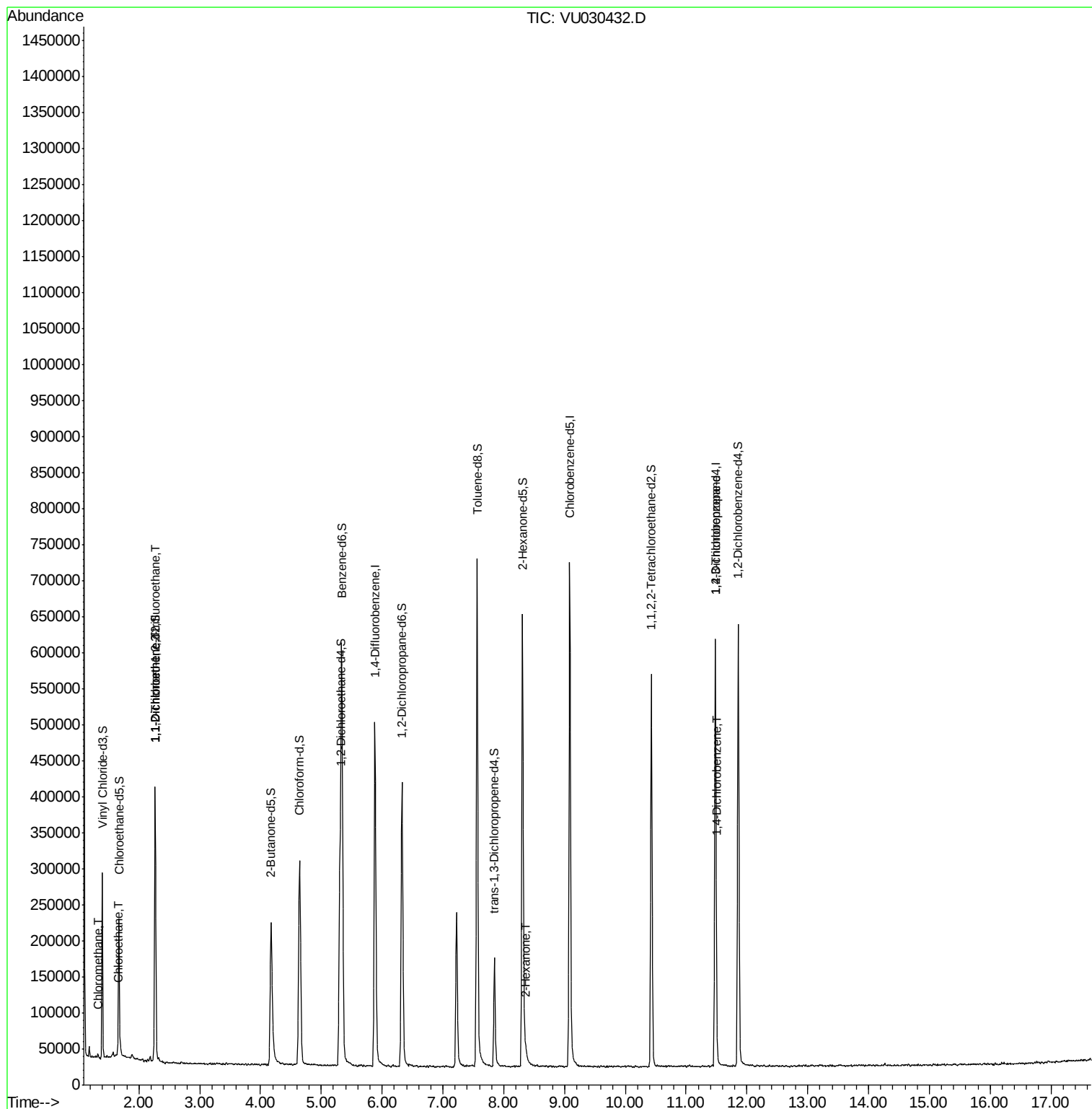
					Qvalue
3) Chloromethane	1.33	50	3183	0.657 ug/L	88
8) Chloroethane	1.65	64	1202	0.463 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2059	0.718 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1817	0.647 ug/L #	1
48) 2-Hexanone	8.37	43	6708	1.337 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	21522	4.852 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	3806	0.753 ug/L	88

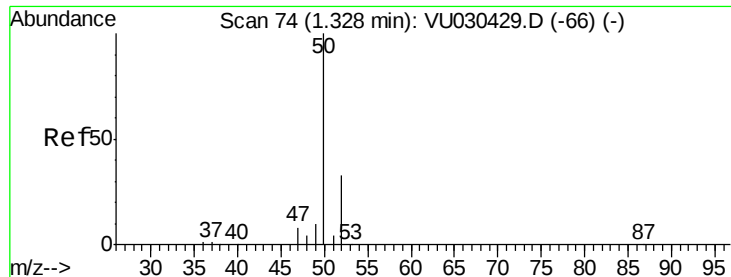
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.657 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030432.D

Acq: 26 Mar 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

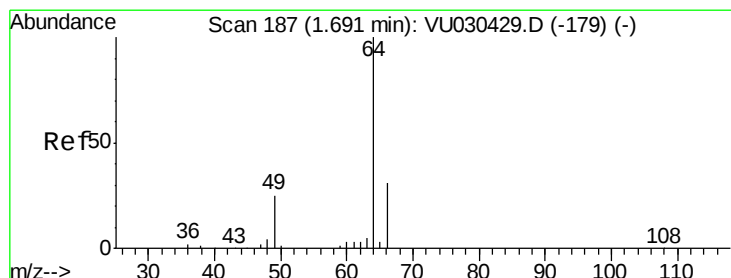
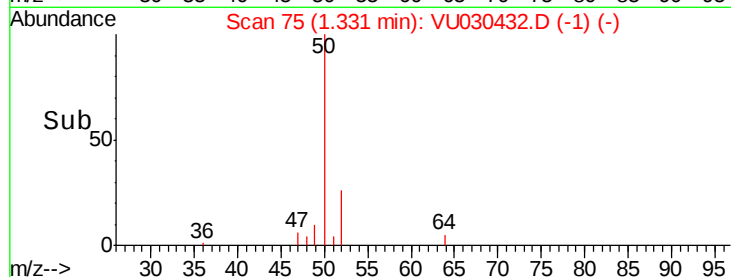
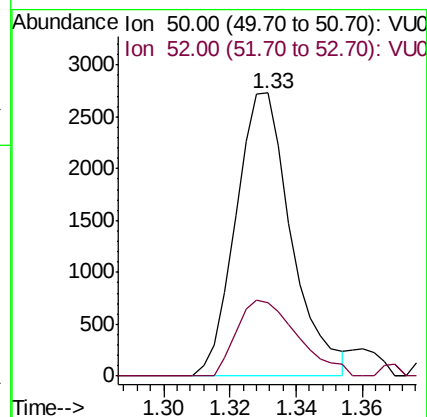
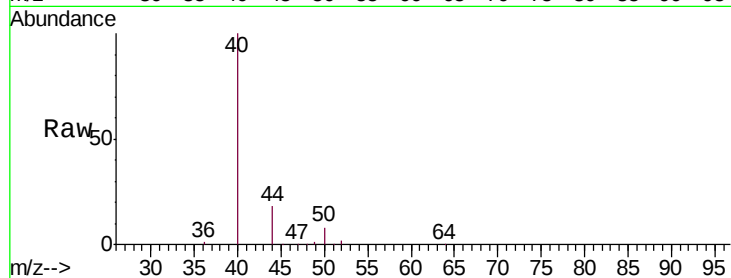
VHBLK02

Tgt Ion: 50 Resp: 3183

Ion Ratio Lower Upper

50 100

52 25.8 23.0 42.6



#8

Chloroethane

Concen: 0.463 ug/L

RT: 1.65 min Scan# 173

Delta R.T. -0.04 min

Lab File: VU030432.D

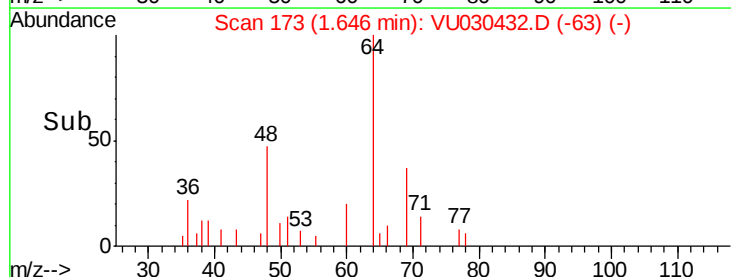
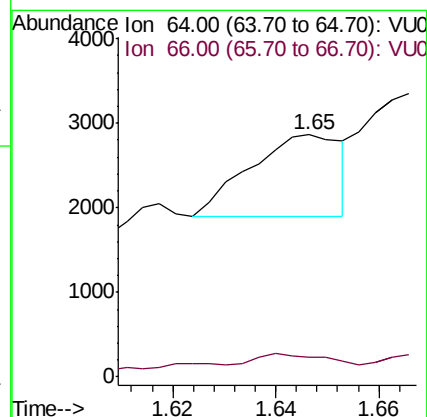
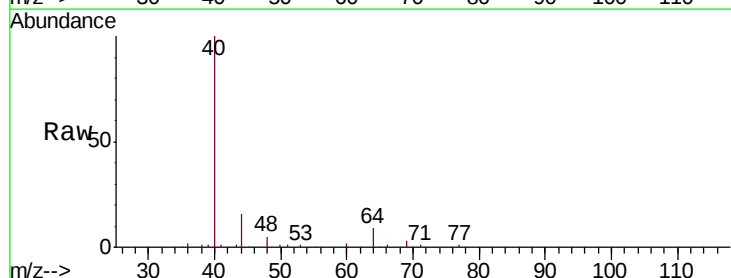
Acq: 26 Mar 2019 10:26

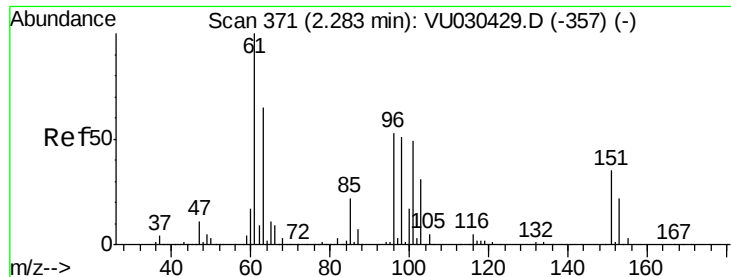
Tgt Ion: 64 Resp: 1202

Ion Ratio Lower Upper

64 100

66 8.4 22.5 41.7#





#10

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

Concen: 0.718 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030432.D

Acq: 26 Mar 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

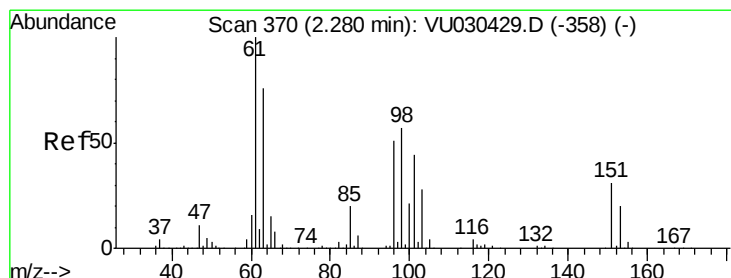
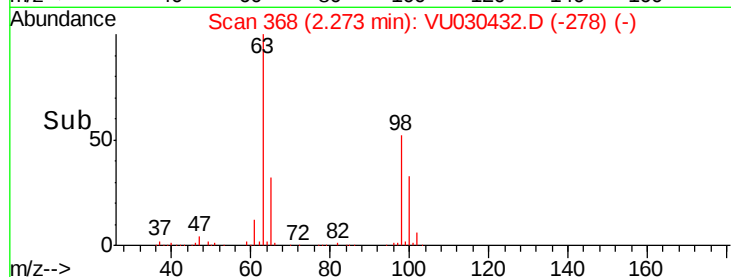
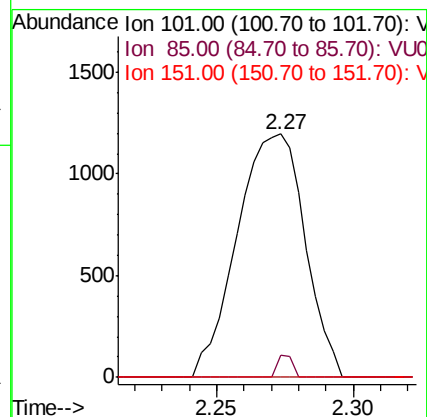
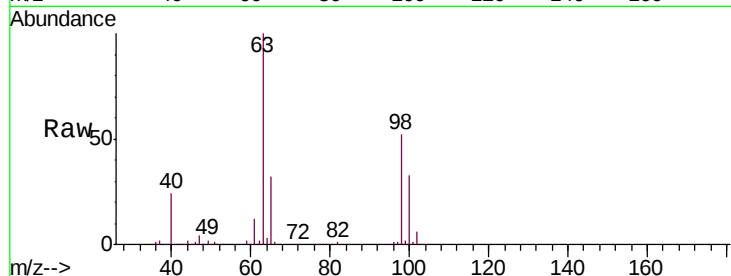
Tgt Ion: 101 Resp: 2059

Ion Ratio Lower Upper

101 100

85 2.0 34.8 52.2#

151 0.0 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 0.647 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030432.D

Acq: 26 Mar 2019 10:26

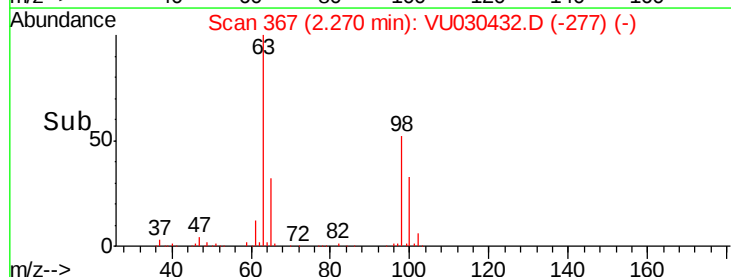
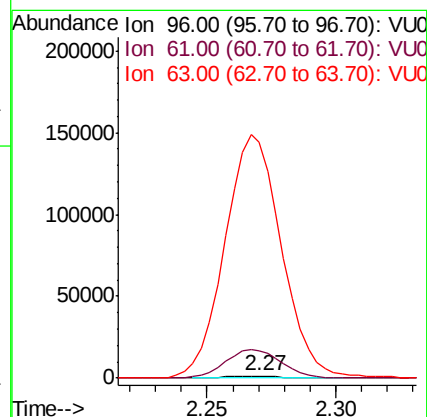
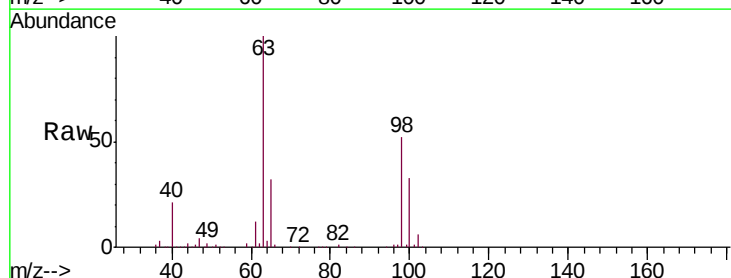
Tgt Ion: 96 Resp: 1817

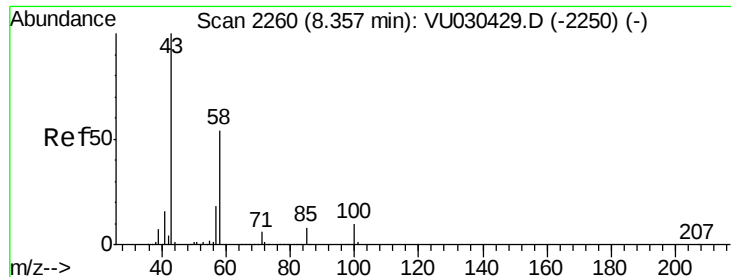
Ion Ratio Lower Upper

96 100

61 1498.8 131.0 243.4#

63 12704.4 92.4 171.6#

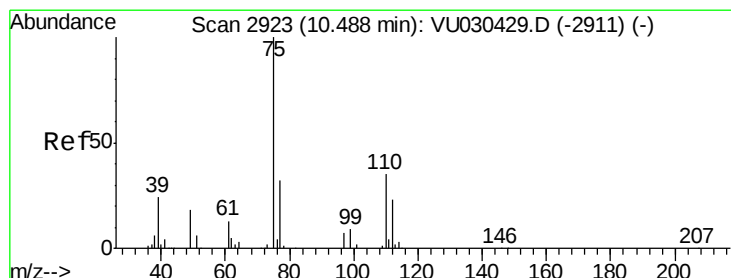
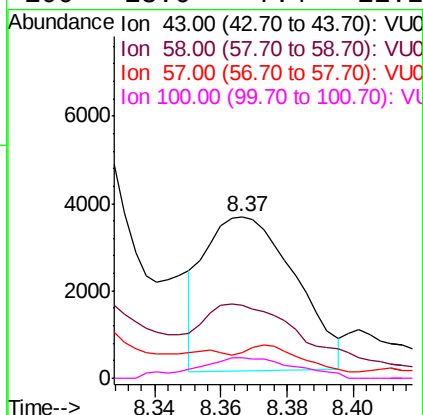
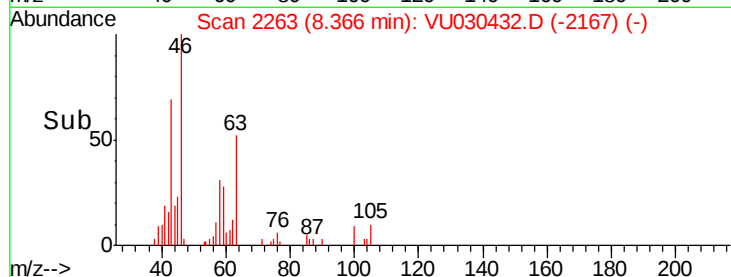
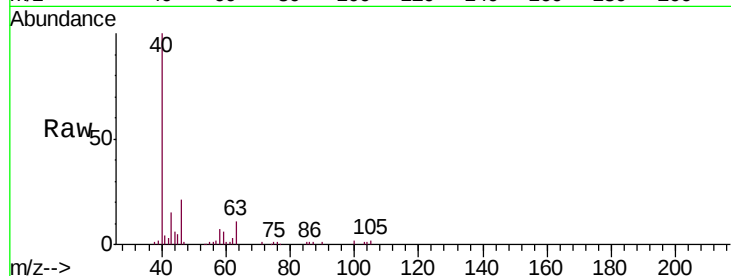




#48
2-Hexanone
Concen: 1.337 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030432.D
Acq: 26 Mar 2019 10:26

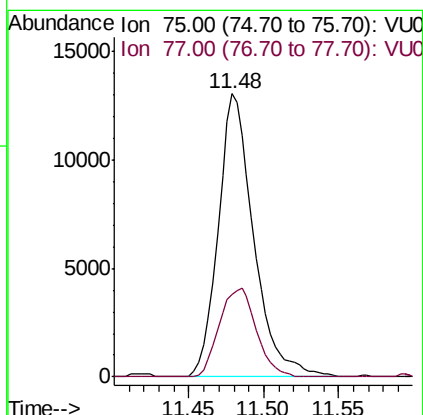
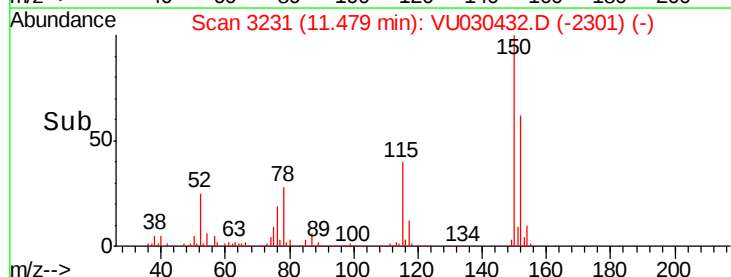
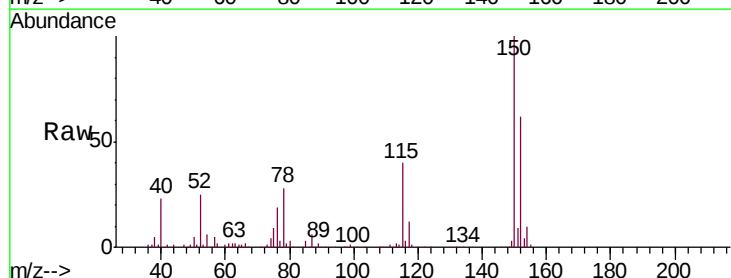
Instrument :
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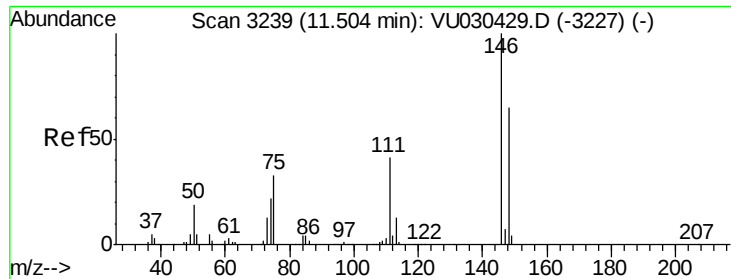
Tgt Ion: 43 Resp: 6708
Ion Ratio Lower Upper
43 100
58 62.7 42.5 63.7
57 15.1 15.0 22.6
100 13.6 7.4 11.2#



#59
1,2,3-Trichloropropane
Concen: 4.852 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030432.D
Acq: 26 Mar 2019 10:26

Tgt Ion: 75 Resp: 21522
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2





#63
 1,4-Dichlorobenzene
 Concen: 0.753 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030432.D
 Acq: 26 Mar 2019 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 146 Resp: 3806
 Ion Ratio Lower Upper
 146 100
 111 47.3 28.7 53.3
 148 73.3 44.3 82.3

