

Data File : VU030431.D
Acq On : 26 Mar 2019 10:02
Operator : JC/SP
Sample : VU0326WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK57

Quant Time: Mar 27 04:32:40 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	413541	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	396575	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	159626	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170873	51.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.68%
7) Chloroethane-d5	1.67	69	139716	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.92%
11) 1,1-Dichloroethene-d2	2.27	63	239089	37.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.74%
21) 2-Butanone-d5	4.17	46	324842	103.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.83%
24) Chloroform-d	4.64	84	290665	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
26) 1,2-Dichloroethane-d4	5.31	65	197857	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
32) Benzene-d6	5.34	84	583518	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
36) 1,2-Dichloropropane-d6	6.33	67	213861	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.92%
41) Toluene-d8	7.56	98	502946	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%
43) trans-1,3-Dichloropropene-	7.85	79	90678	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
47) 2-Hexanone-d5	8.31	63	211941	100.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282864	50.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	168255	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

Target Compounds

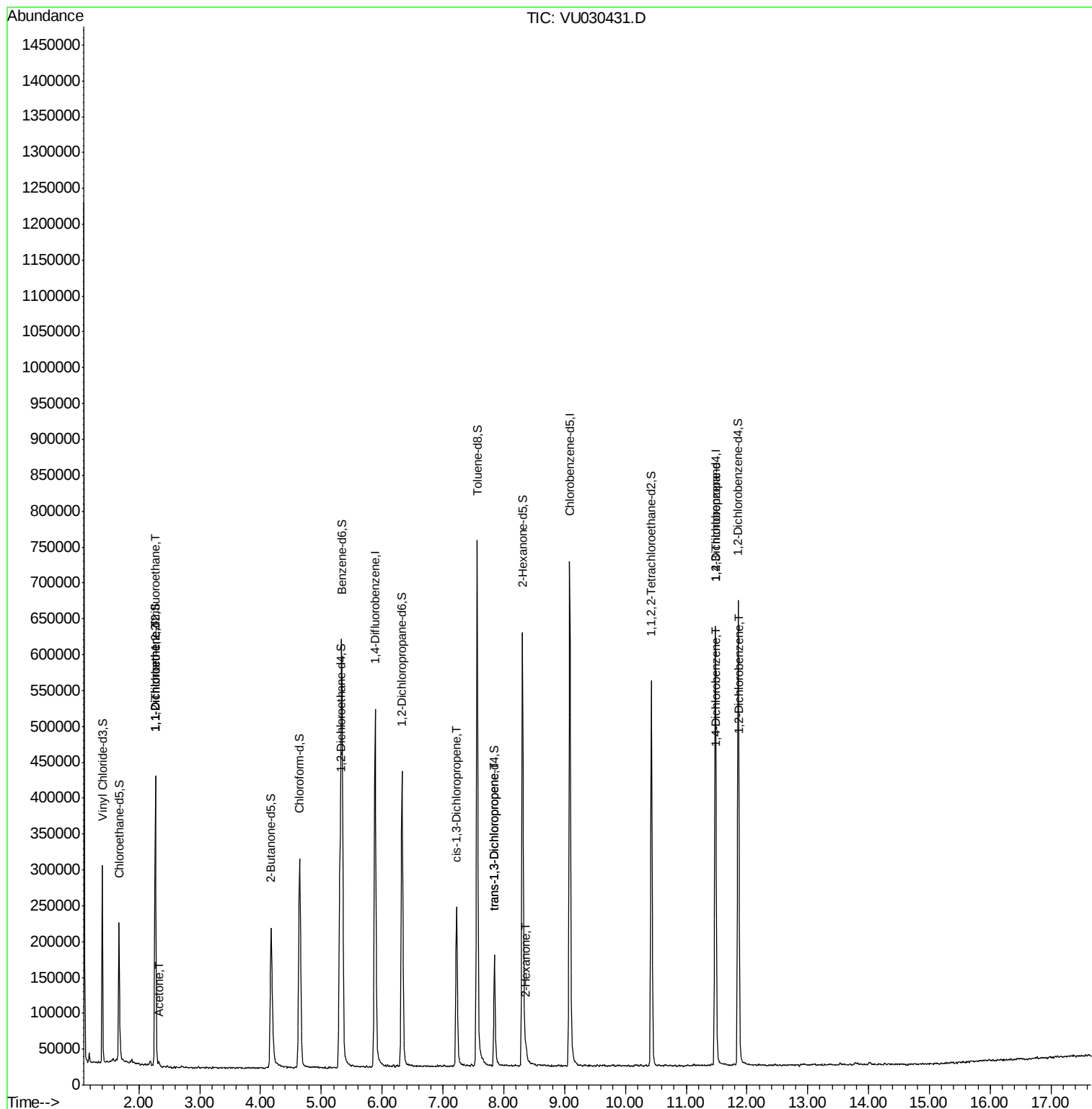
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1950	0.646	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1719	0.581	ug/L #	1
13) Acetone	2.32	43	1652	0.522	ug/L	70
39) cis-1,3-Dichloropropene	7.22	75	5009	0.910	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	3574	0.738	ug/L	89
48) 2-Hexanone	8.37	43	9253	1.754	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	21286	4.565	ug/L	90
63) 1,4-Dichlorobenzene	11.50	146	4480	0.834	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	3572	0.677	ug/L #	88

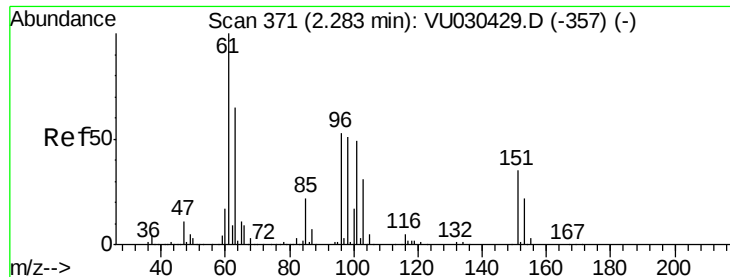
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.646 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030431.D

Acq: 26 Mar 2019 10:02

Instrument :

MSVOA_U

ClientSampleId :

VBLK57

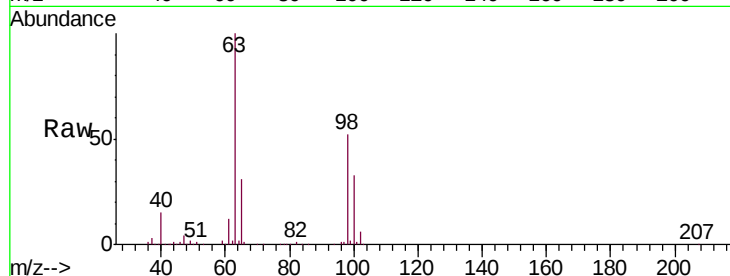
Tgt Ion: 101 Resp: 1950

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

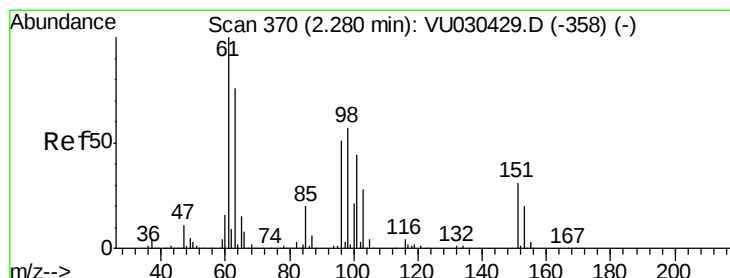
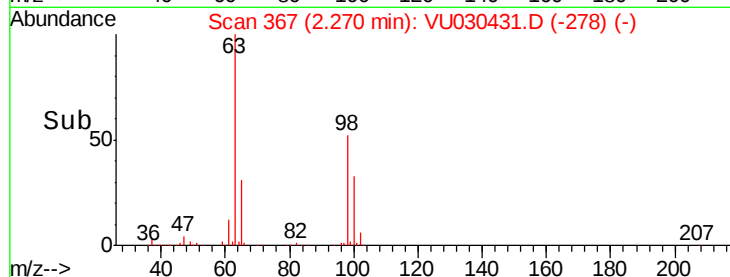
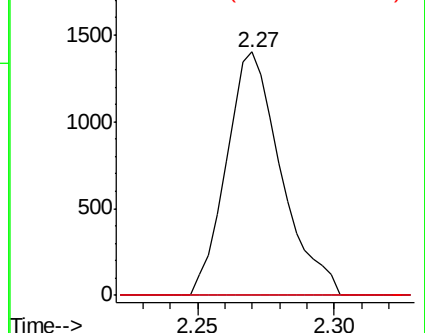
151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.581 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030431.D

Acq: 26 Mar 2019 10:02

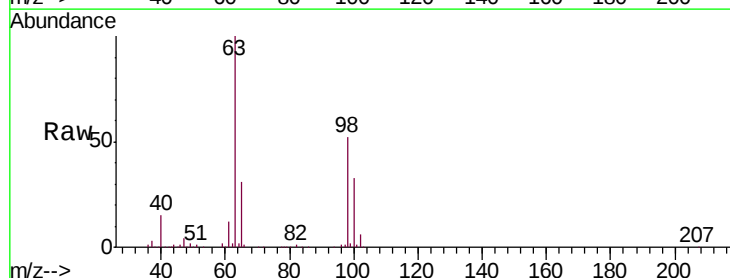
Tgt Ion: 96 Resp: 1719

Ion Ratio Lower Upper

96 100

61 1768.9 131.0 243.4#

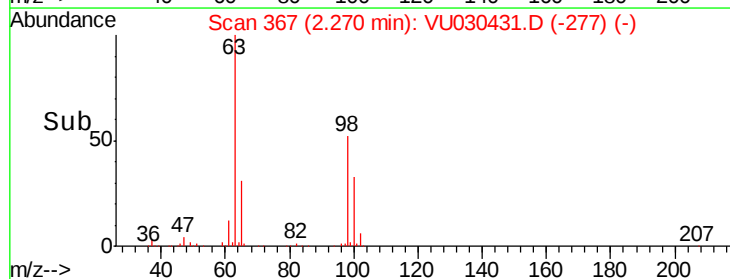
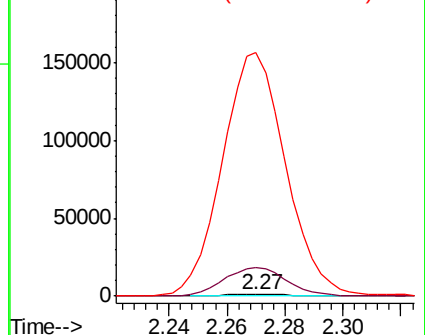
63 15077.3 92.4 171.6#

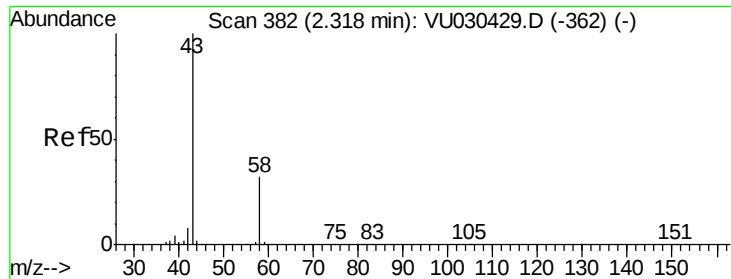


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.522 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU030431.D

Acq: 26 Mar 2019 10:02

Instrument :

MSVOA_U

ClientSampleId :

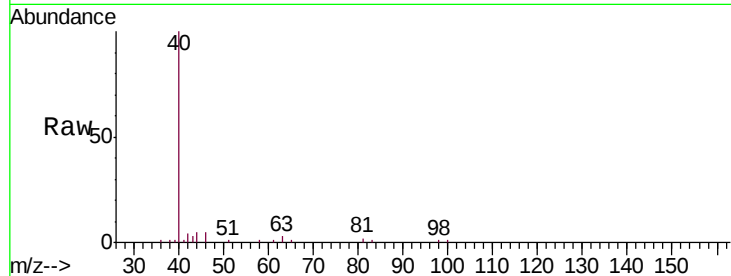
VBLK57

Tgt Ion: 43 Resp: 1652

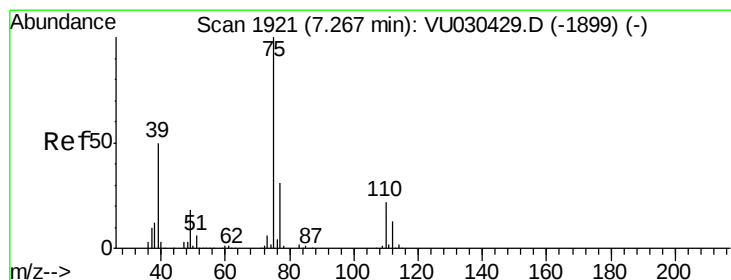
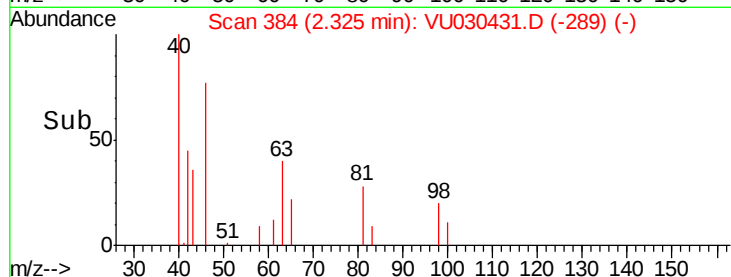
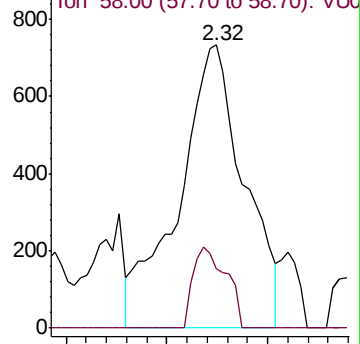
Ion Ratio Lower Upper

43 100

58 14.6 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030429.D (-362) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030431.D

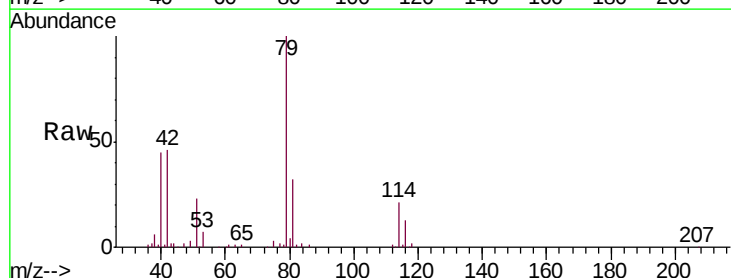
Acq: 26 Mar 2019 10:02

Tgt Ion: 75 Resp: 5009

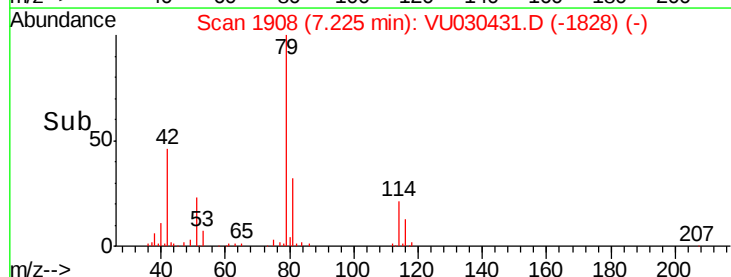
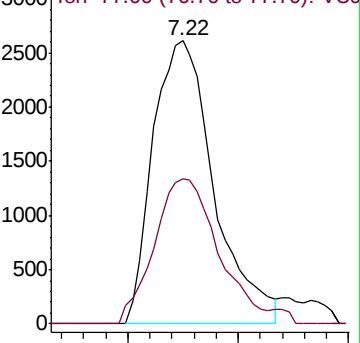
Ion Ratio Lower Upper

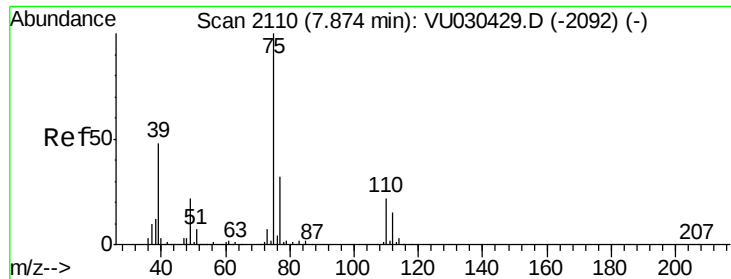
75 100

77 51.2 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU030429.D (-1899) (-)

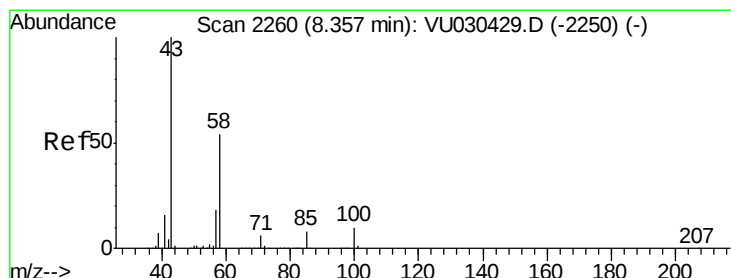
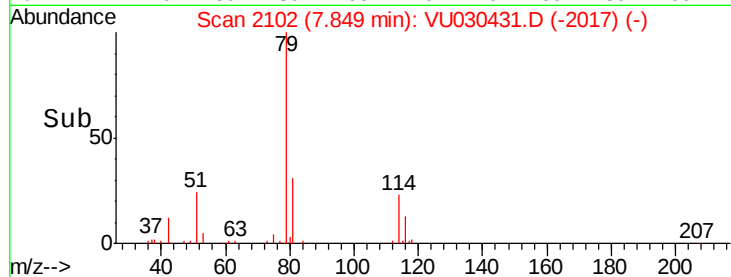
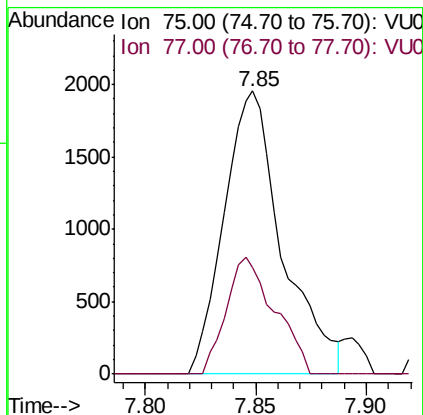
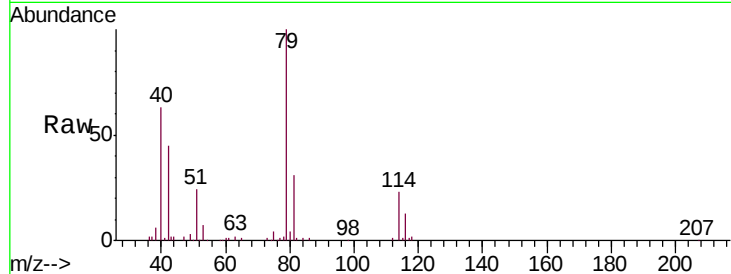




#44
trans-1,3-Dichloropropene
Concen: 0.738 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030431.D
Acq: 26 Mar 2019 10:02

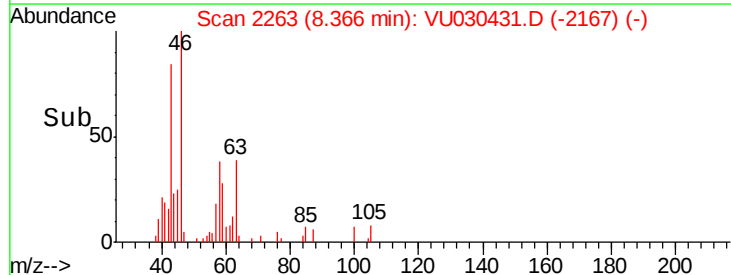
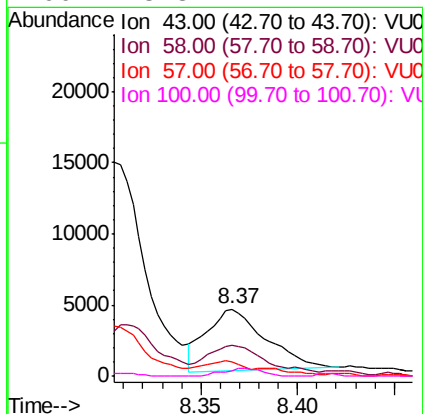
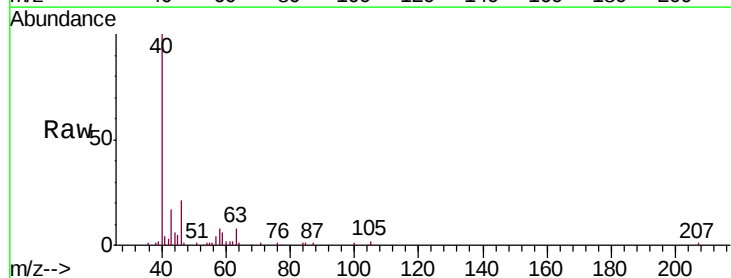
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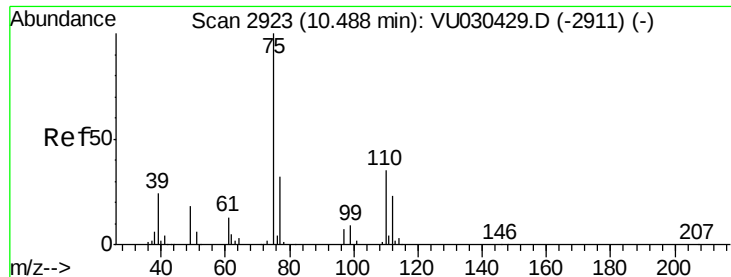
Tgt Ion: 75 Resp: 3574
Ion Ratio Lower Upper
75 100
77 37.7 22.0 40.8



#48
2-Hexanone
Concen: 1.754 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030431.D
Acq: 26 Mar 2019 10:02

Tgt Ion: 43 Resp: 9253
Ion Ratio Lower Upper
43 100
58 32.4 42.5 63.7#
57 13.4 15.0 22.6#
100 8.3 7.4 11.2





#59

1,2,3-Trichloropropane

Concen: 4.565 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030431.D

Acq: 26 Mar 2019 10:02

Instrument :

MSVOA_U

ClientSampleId :

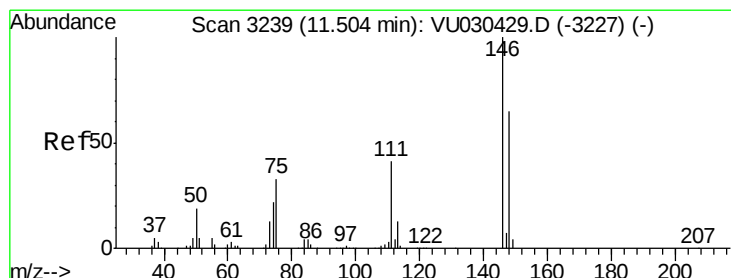
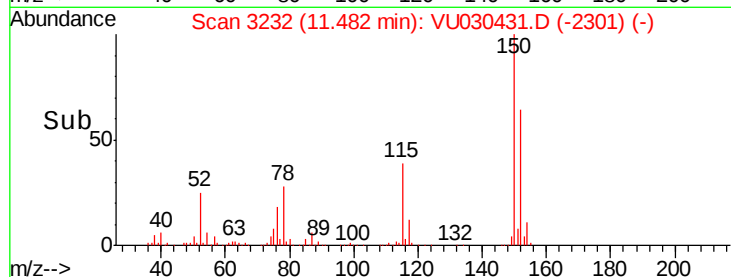
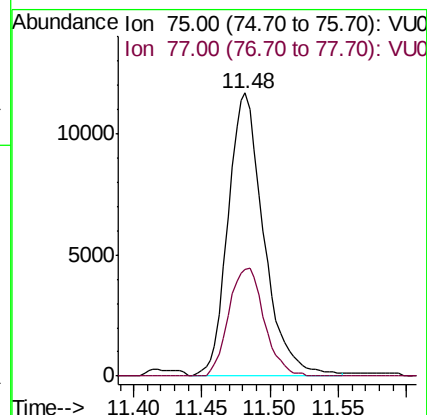
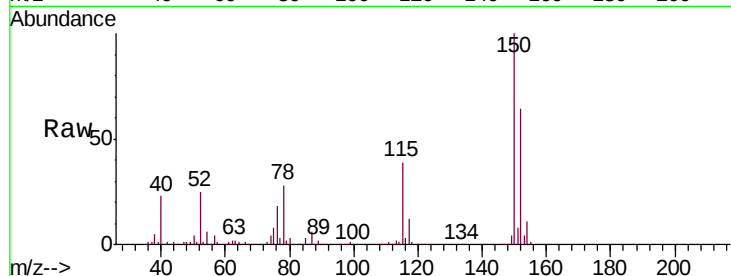
VBLK57

Tgt Ion: 75 Resp: 21286

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2



#63

1,4-Dichlorobenzene

Concen: 0.834 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. -0.00 min

Lab File: VU030431.D

Acq: 26 Mar 2019 10:02

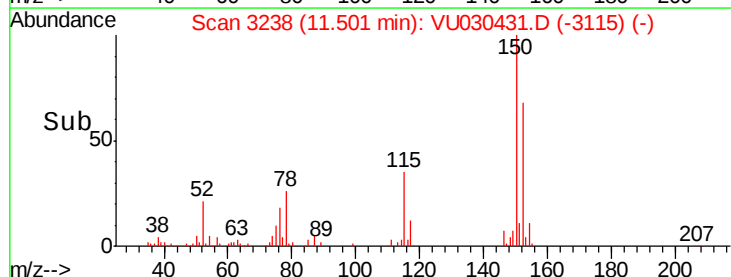
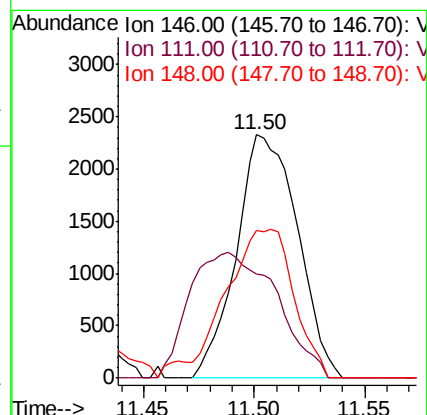
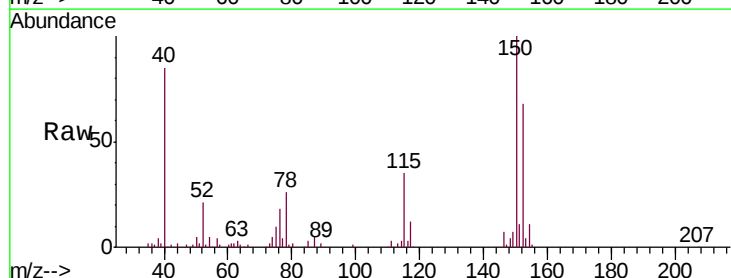
Tgt Ion: 146 Resp: 4480

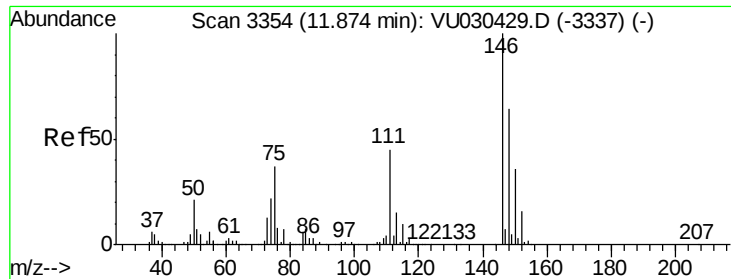
Ion Ratio Lower Upper

146 100

111 42.7 28.7 53.3

148 60.6 44.3 82.3





#65
 1,2-Dichlorobenzene
 Concen: 0.677 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030431.D
 Acq: 26 Mar 2019 10:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK57

Tgt Ion:146 Resp: 3572
 Ion Ratio Lower Upper
 146 100
 111 55.9 34.9 52.3#
 148 69.9 51.2 76.8

