

Data File : VU030442.D
Acq On : 26 Mar 2019 14:20
Operator : JC/SP
Sample : K2083-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 27 04:34:57 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	408355	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171453	52.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.34%
7) Chloroethane-d5	1.67	69	137152	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.30%
11) 1,1-Dichloroethene-d2	2.27	63	235768	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
21) 2-Butanone-d5	4.17	46	315223	102.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	4.65	84	277709	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.31	65	191486	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.34	84	569739	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
36) 1,2-Dichloropropane-d6	6.33	67	204661	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.90%
41) Toluene-d8	7.56	98	489536	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%
43) trans-1,3-Dichloropropene-	7.85	79	80685	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.46%
47) 2-Hexanone-d5	8.31	63	205074	99.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269113	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	160812	52.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.44%

Target Compounds

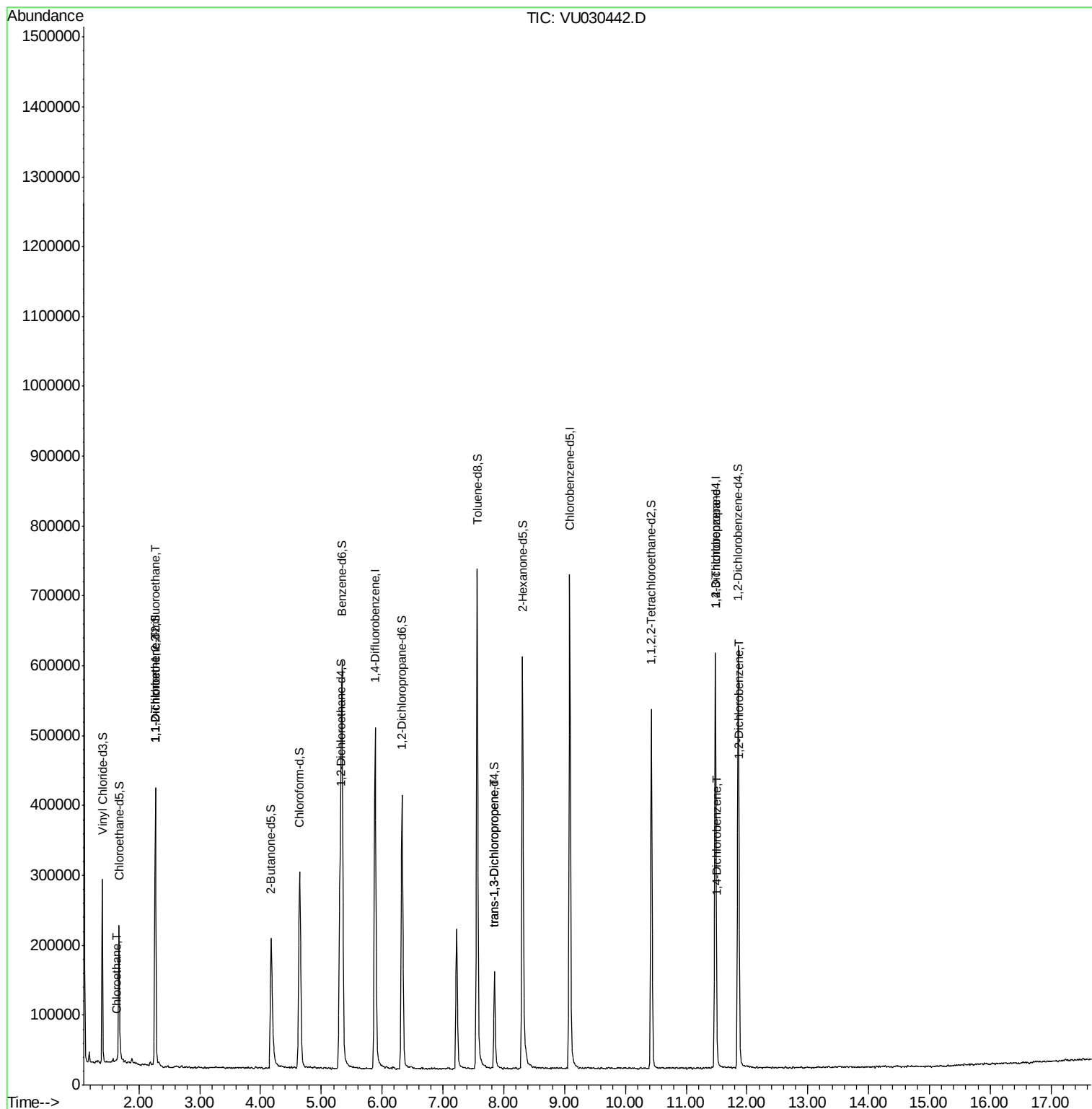
					Qvalue	
8) Chloroethane	1.63	64	5177	1.919	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1925	0.646	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1755	0.601	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	2918	0.618	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	22219	4.887	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	3352	0.654	ug/L	87
65) 1,2-Dichlorobenzene	11.88	146	3707	0.736	ug/L #	89

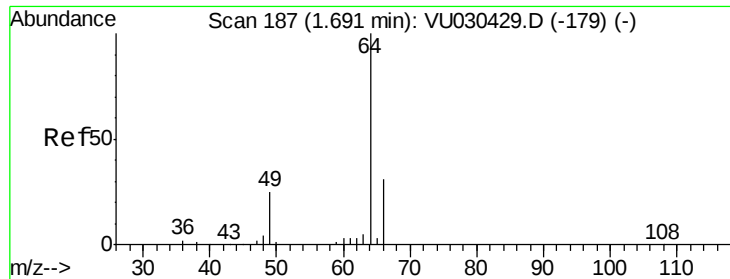
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.919 ug/L

RT: 1.63 min Scan# 168

Delta R.T. -0.06 min

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MSVOA_U

ClientSampleId :

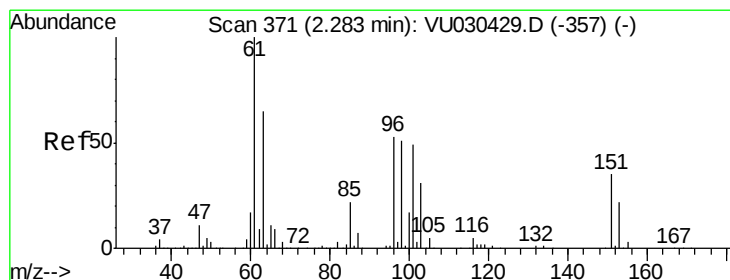
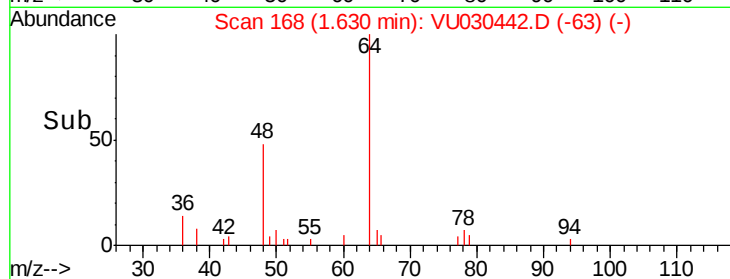
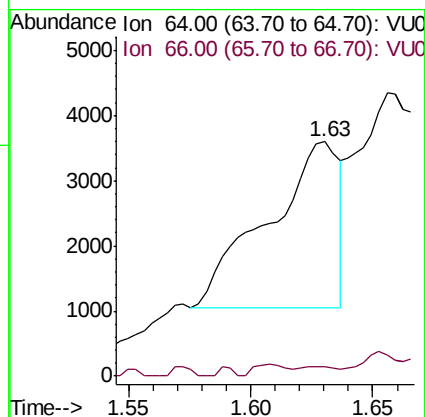
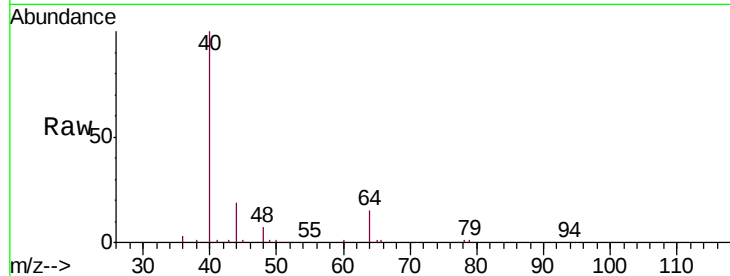
VHBLK02

Tgt Ion: 64 Resp: 5177

Ion Ratio Lower Upper

64 100

66 4.2 22.5 41.7#



#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: VU030442.D

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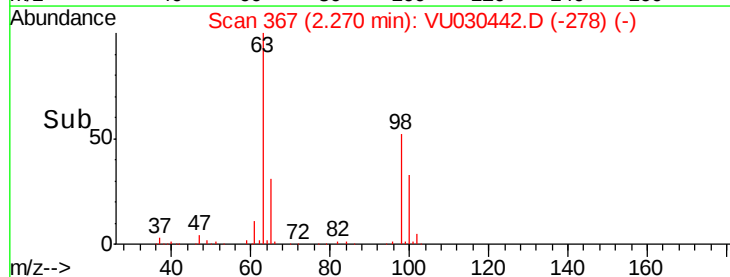
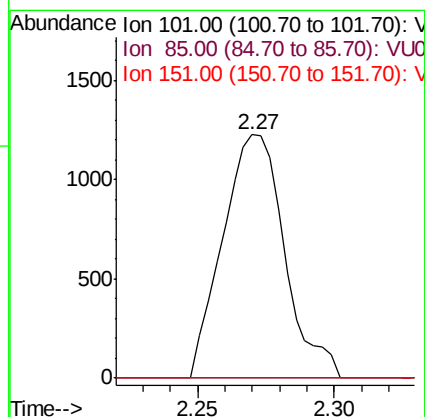
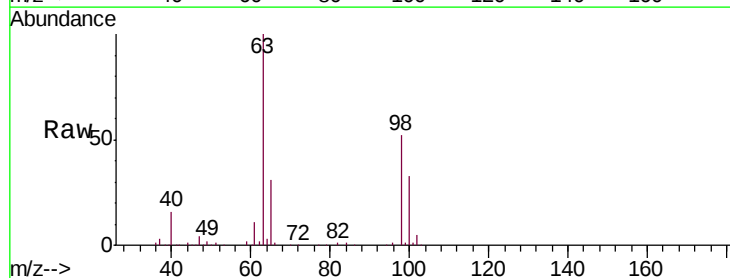
Tgt Ion: 101 Resp: 1925

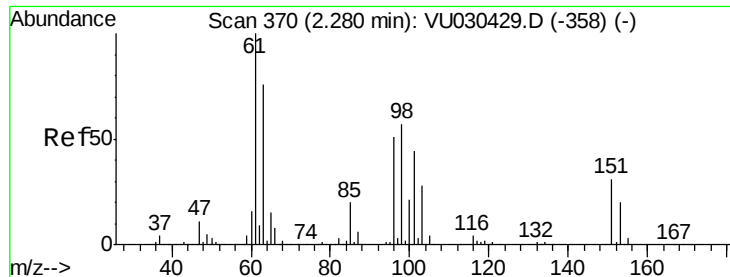
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#





#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030442.D

Acq: 26 Mar 2019 14:20

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

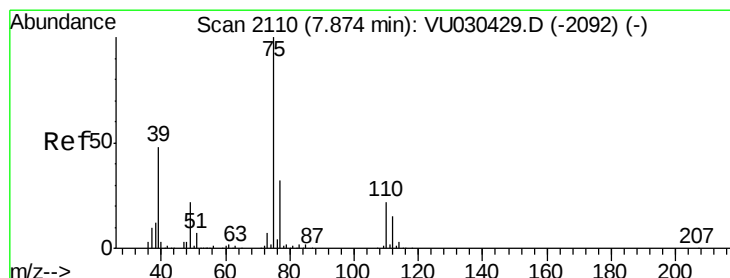
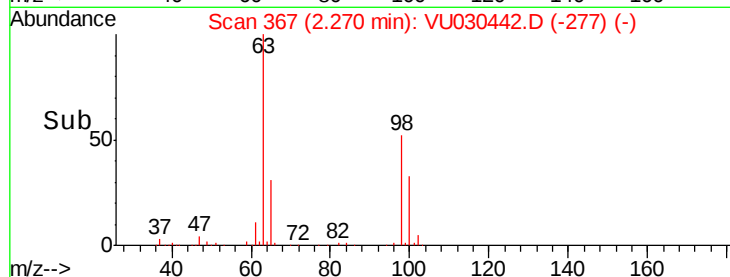
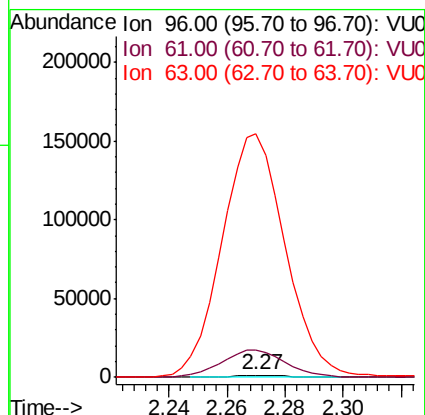
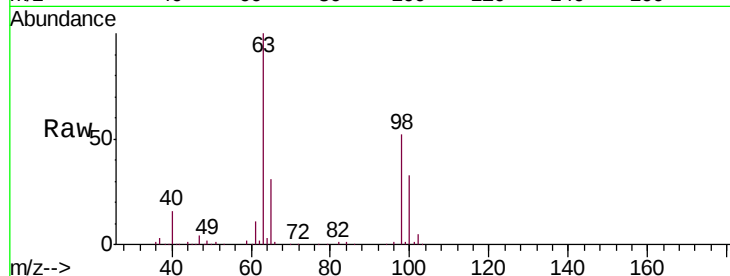
Tgt Ion: 96 Resp: 1755

Ion Ratio Lower Upper

96 100

61 1500.1 131.0 243.4#

63 13131.7 92.4 171.6#



#44

trans-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030442.D

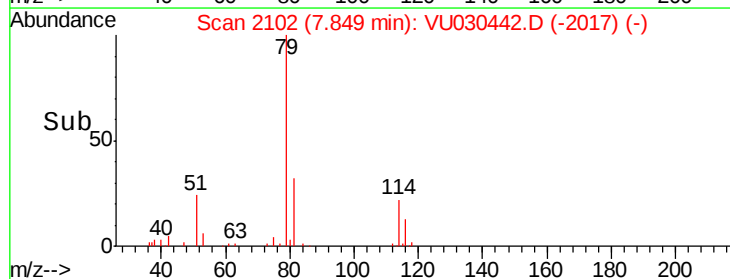
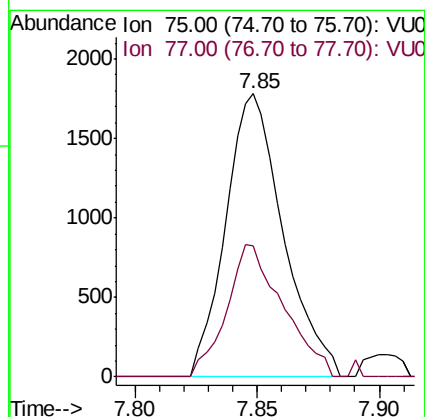
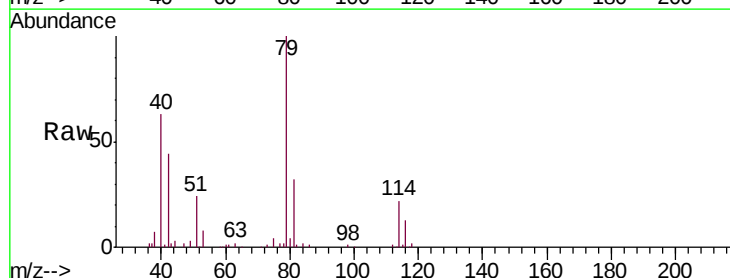
Acq: 26 Mar 2019 14:20

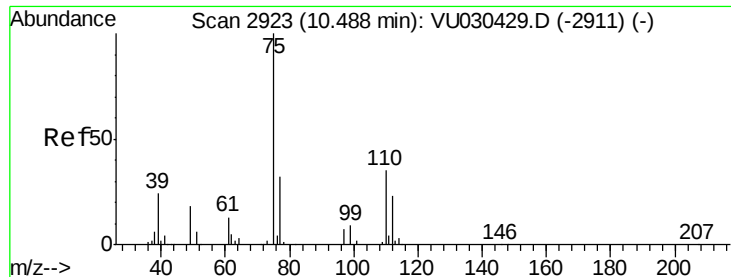
Tgt Ion: 75 Resp: 2918

Ion Ratio Lower Upper

75 100

77 46.1 22.0 40.8#

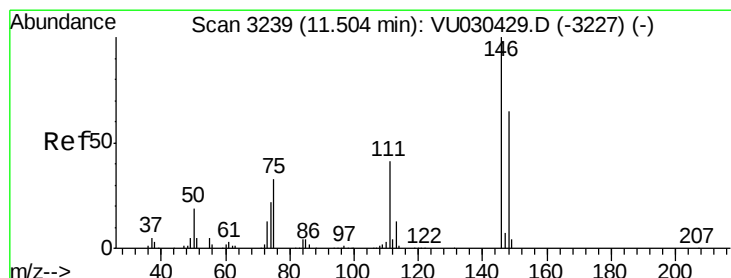
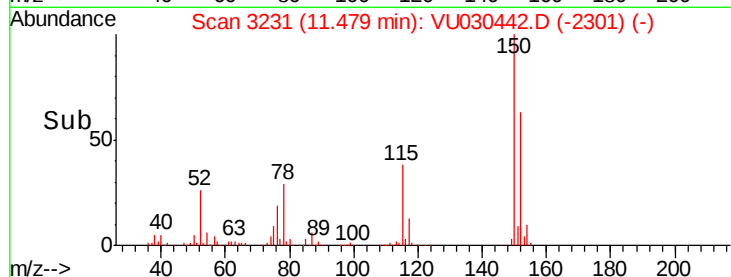
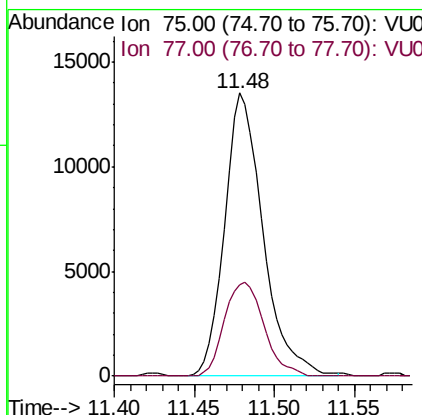
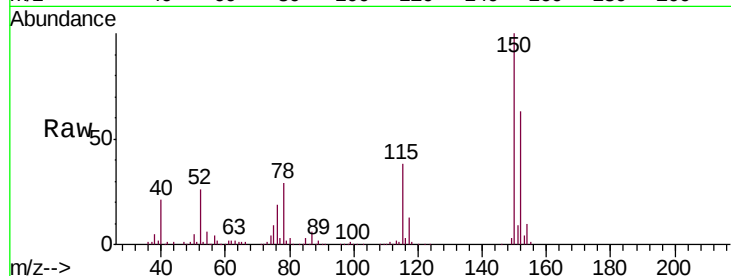




#59
 1,2,3-Trichloropropane
 Concen: 4.887 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030442.D
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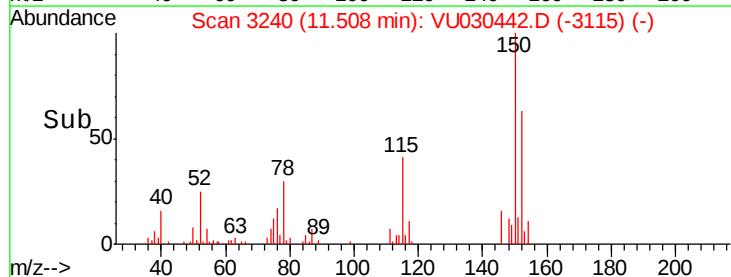
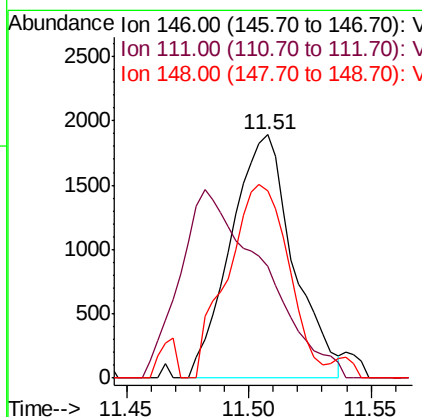
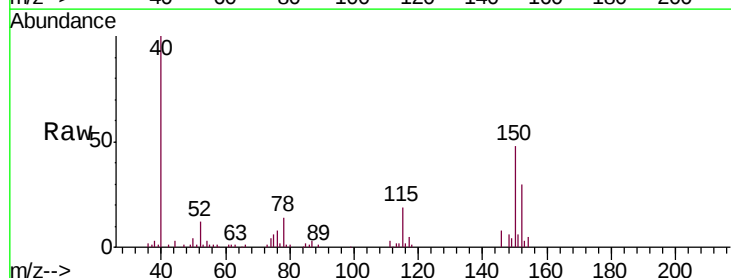
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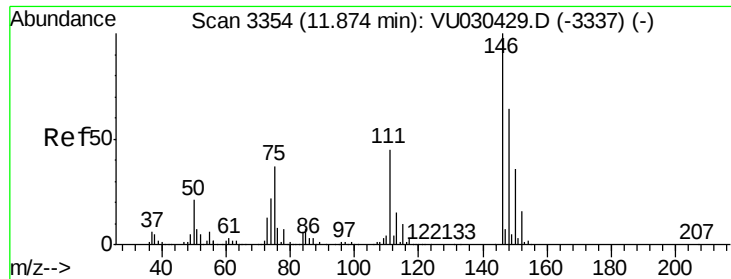
Tgt Ion: 75 Resp: 22219
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.2



#63
 1,4-Dichlorobenzene
 Concen: 0.654 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030442.D
 Acq: 26 Mar 2019 14:20

Tgt Ion: 146 Resp: 3352
 Ion Ratio Lower Upper
 146 100
 111 45.7 28.7 53.3
 148 76.7 44.3 82.3





#65
 1,2-Dichlorobenzene
 Concen: 0.736 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030442.D
 Acq: 26 Mar 2019 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion:146 Resp: 3707
 Ion Ratio Lower Upper
 146 100
 111 58.0 34.9 52.3#
 148 66.0 51.2 76.8

