

Data File : VU030441.D
Acq On : 26 Mar 2019 13:58
Operator : JC/SP
Sample : K2084-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 27 04:34:45 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	424648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	405949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156835	50.00	ug/L	0.00

System Monitoring Compounds

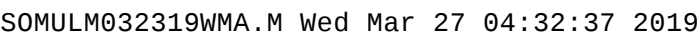
4) Vinyl Chloride-d3	1.40	65	183982	53.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.68%
7) Chloroethane-d5	1.67	69	149387	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.30%
11) 1,1-Dichloroethene-d2	2.27	63	251479	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
21) 2-Butanone-d5	4.17	46	312611	97.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.31%
24) Chloroform-d	4.64	84	290864	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	198111	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
32) Benzene-d6	5.34	84	597188	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.33	67	208580	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.74%
41) Toluene-d8	7.56	98	509313	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.85	79	82937	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.31	63	204183	94.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272640	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	162135	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

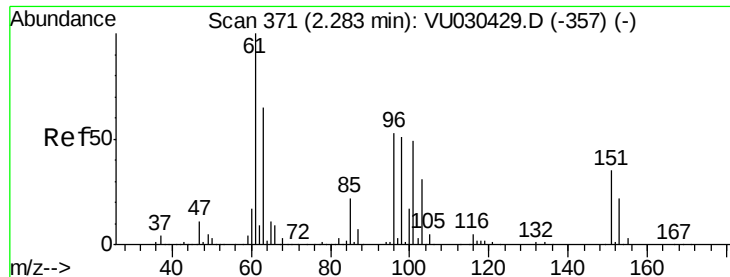
Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2312	0.746	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1944	0.640	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3275	0.660	ug/L	89
48) 2-Hexanone	8.31	43	25678	4.756	ug/L #	72
51) Chlorobenzene	9.12	112	7289	0.839	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	23556	4.935	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	5971	1.131	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	7071	1.363	ug/L	94
68) 1,2,4-trichlorobenzene	13.52	180	1415	0.424	ug/L #	75

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

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





#10

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

Concen: 0.746 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030441.D

Acq: 26 Mar 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

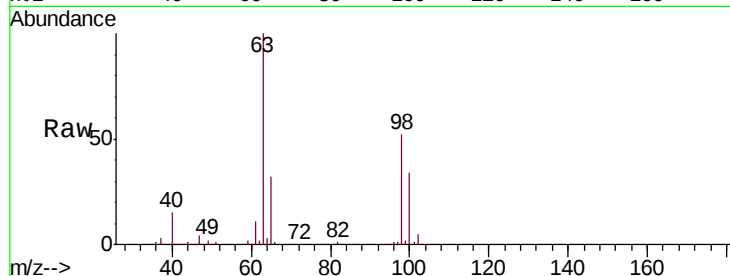
Tgt Ion: 101 Resp: 2312

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

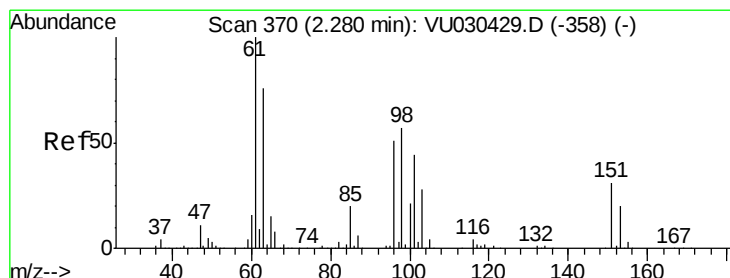
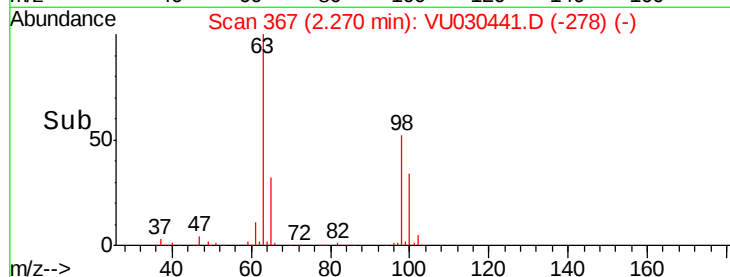
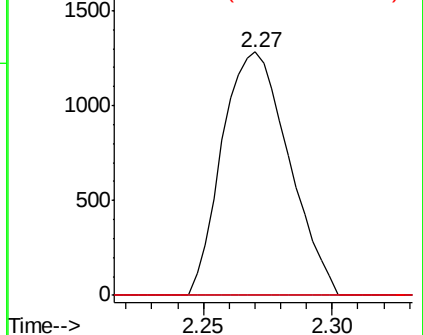
151 0.0 56.6 85.0#



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: 0.640 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030441.D

Acq: 26 Mar 2019 13:58

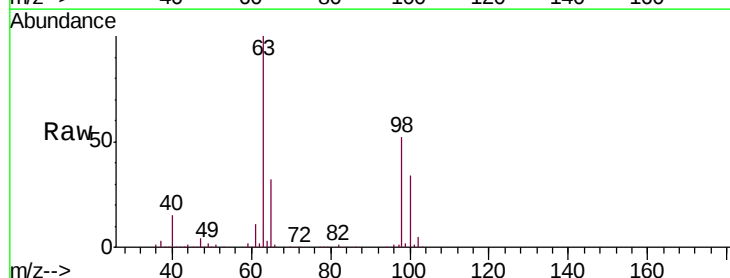
Tgt Ion: 96 Resp: 1944

Ion Ratio Lower Upper

96 100

61 1592.5 131.0 243.4#

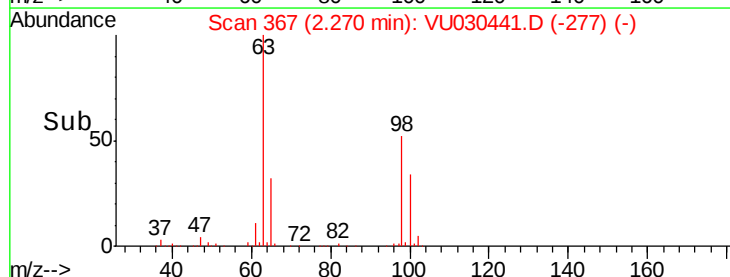
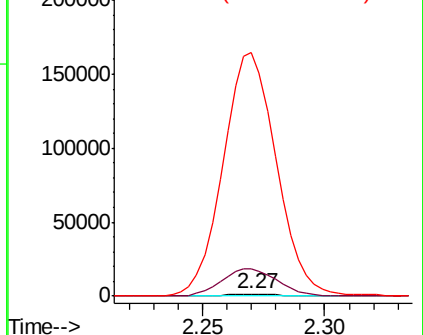
63 14033.1 92.4 171.6#

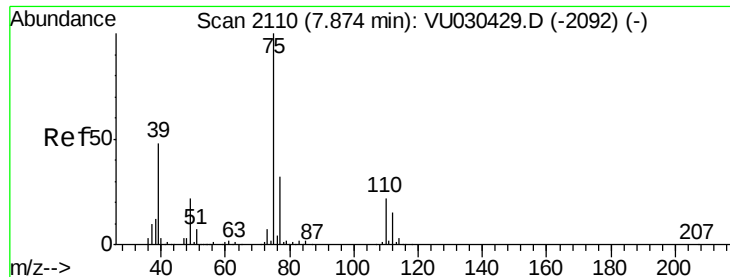


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030441.D

Acq: 26 Mar 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

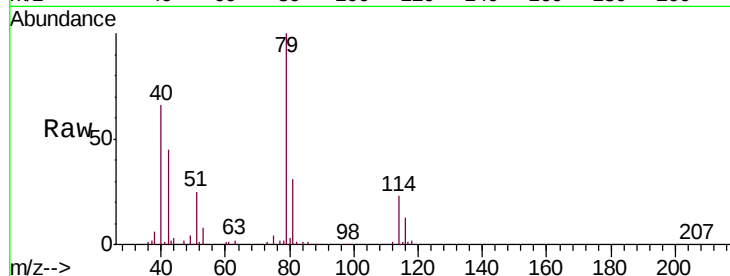
VHBLK02

Tgt Ion: 75 Resp: 3275

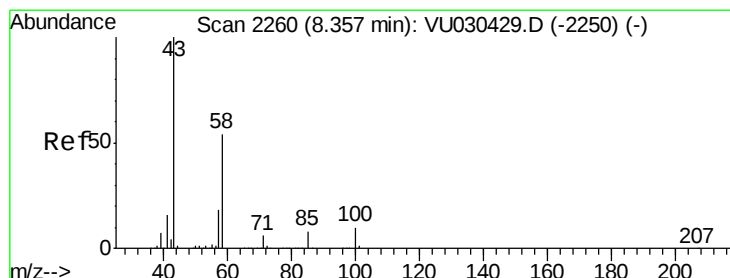
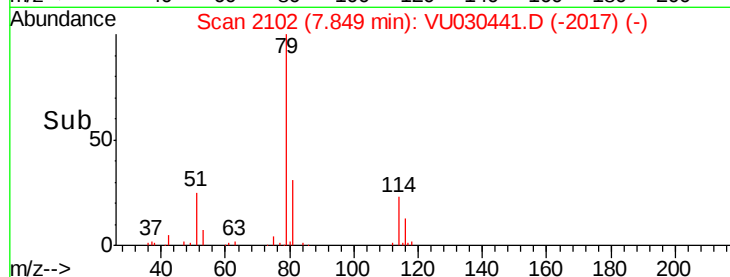
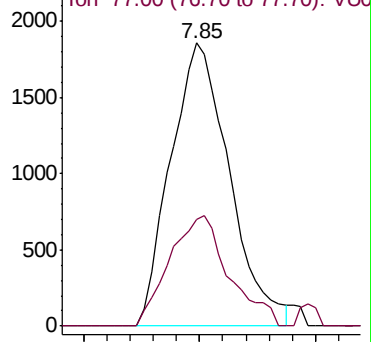
Ion Ratio Lower Upper

75 100

77 37.6 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030441.D (-2167) (-)



#48

2-Hexanone

Concen: 4.756 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030441.D

Acq: 26 Mar 2019 13:58

Tgt Ion: 43 Resp: 25678

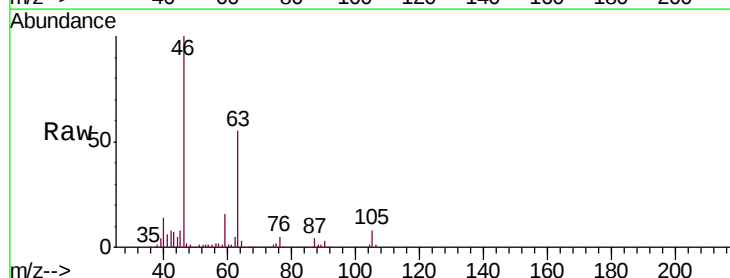
Ion Ratio Lower Upper

43 100

58 28.7 42.5 63.7#

57 23.2 15.0 22.6#

100 0.2 7.4 11.2#

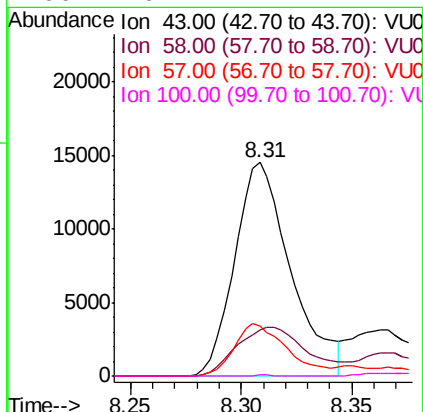
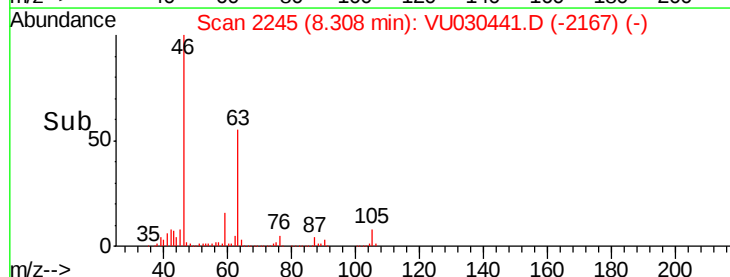


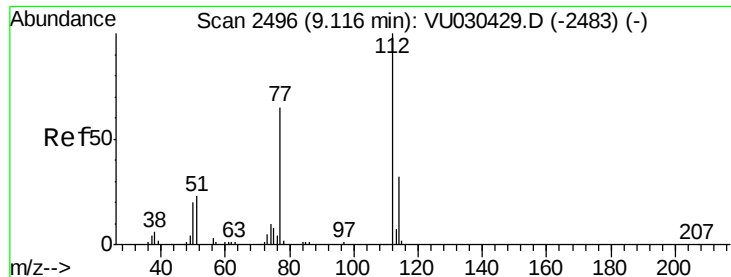
Abundance Ion 43.00 (42.70 to 43.70): VU030441.D (-2167) (-)

Ion 58.00 (57.70 to 58.70): VU030441.D (-2167) (-)

Ion 57.00 (56.70 to 57.70): VU030441.D (-2167) (-)

Ion 100.00 (99.70 to 100.70): VU030441.D (-2167) (-)

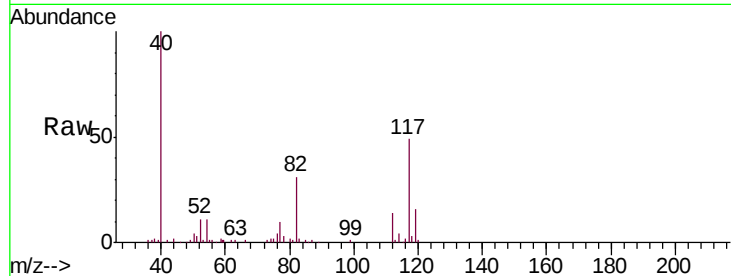




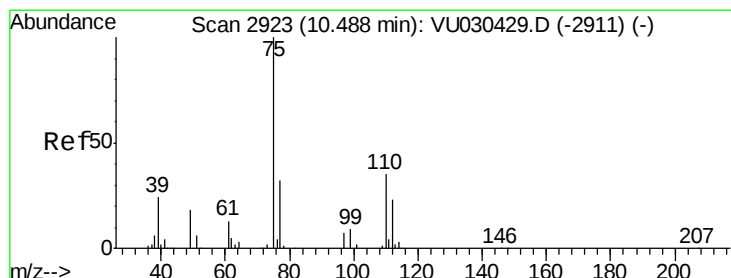
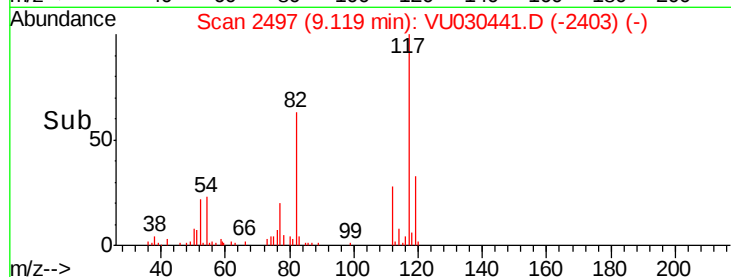
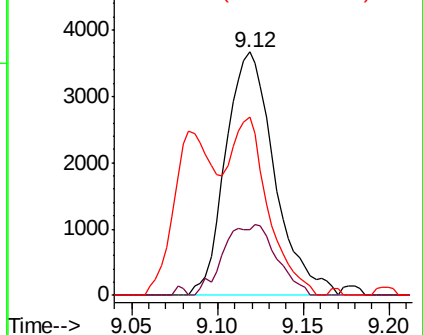
#51
Chlorobenzene
Concen: 0.839 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030441.D
Acq: 26 Mar 2019 13:58

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 112 Resp: 7289
Ion Ratio Lower Upper
112 100
114 27.2 21.5 39.9
77 73.2 51.4 77.0

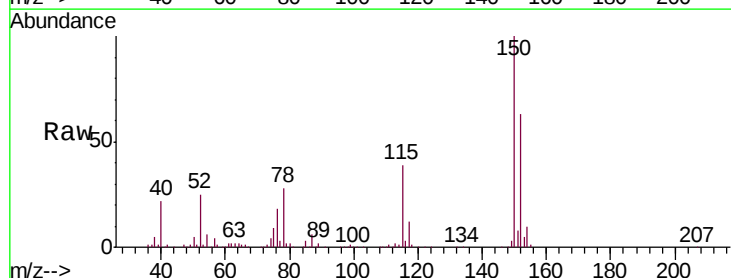


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

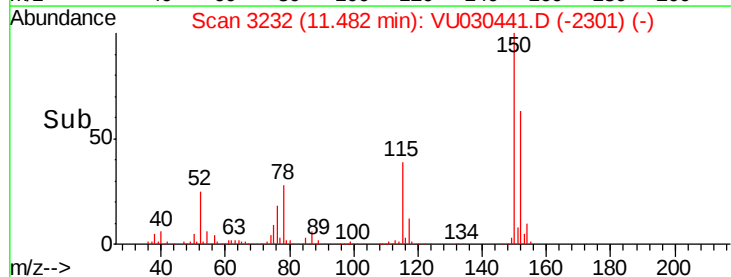
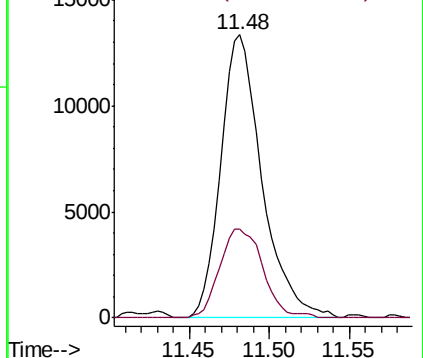


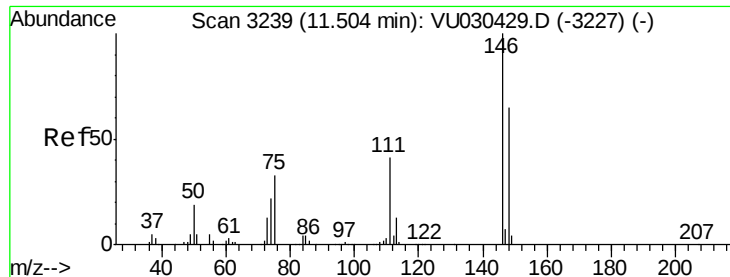
#59
1,2,3-Trichloropropane
Concen: 4.935 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030441.D
Acq: 26 Mar 2019 13:58

Tgt Ion: 75 Resp: 23556
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 1.131 ug/L

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU030441.D

Acq: 26 Mar 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

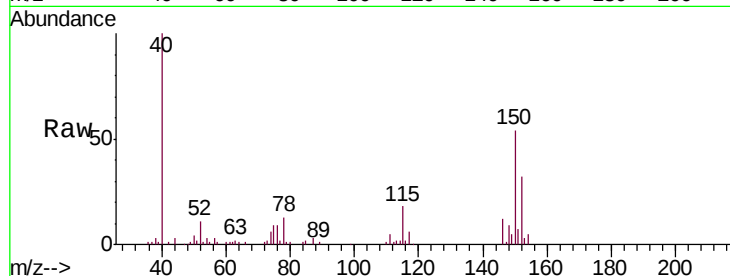
Tgt Ion:146 Resp: 5971

Ion Ratio Lower Upper

146 100

111 41.0 28.7 53.3

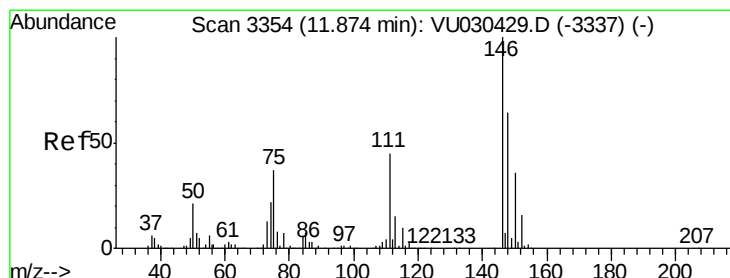
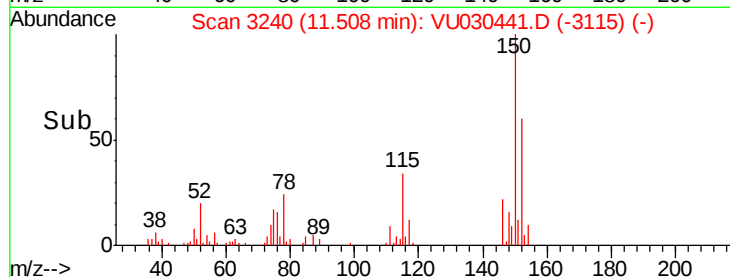
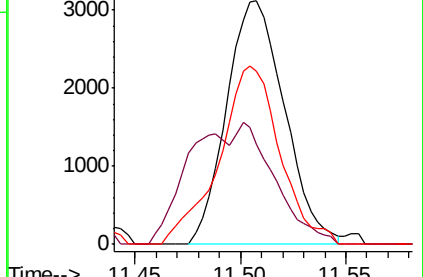
148 71.2 44.3 82.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 1.363 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030441.D

Acq: 26 Mar 2019 13:58

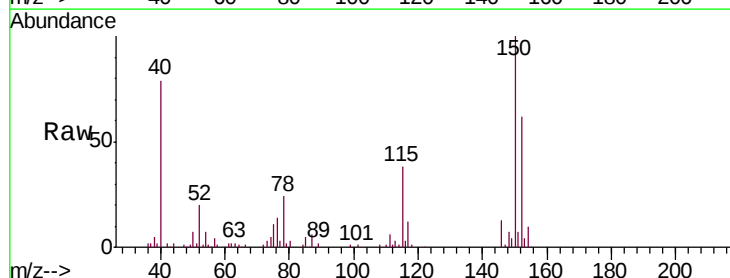
Tgt Ion:146 Resp: 7071

Ion Ratio Lower Upper

146 100

111 43.5 34.9 52.3

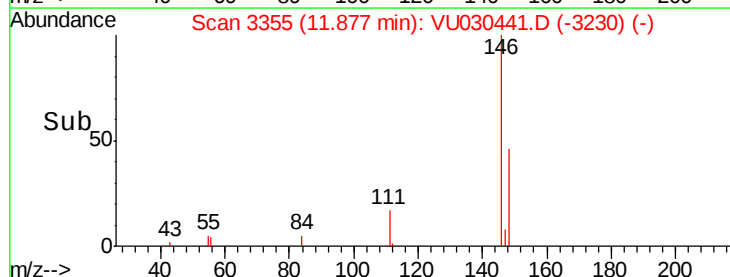
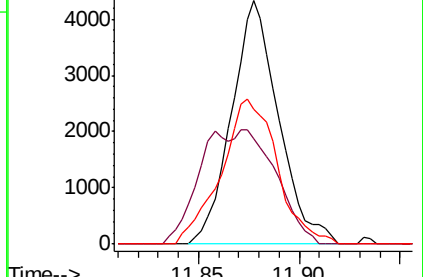
148 55.6 51.2 76.8

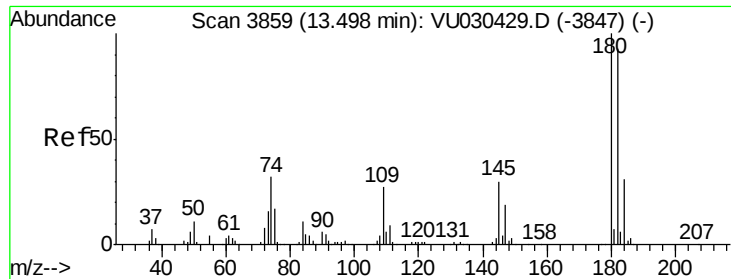


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

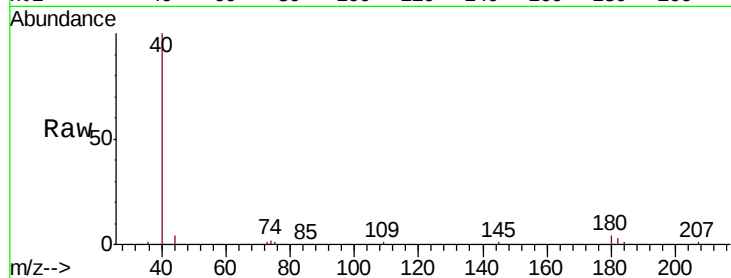




#68
 1,2,4-trichlorobenzene
 Concen: 0.424 ug/L
 RT: 13.52 min Scan# 3866
 Delta R.T. 0.02 min
 Lab File: VU030441.D
 Acq: 26 Mar 2019 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion:180 Resp: 1415
 Ion Ratio Lower Upper
 180 100
 182 118.1 76.1 114.1#
 145 45.9 24.5 36.7#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

