

Data File : VU030407.D
Acq On : 25 Mar 2019 17:08
Operator : JC/SP
Sample : K2048-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 26 01:29:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	449905	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170804	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194469	53.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.42%
7) Chloroethane-d5	1.67	69	146711	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.24%
11) 1,1-Dichloroethene-d2	2.27	63	262468	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
21) 2-Butanone-d5	4.17	46	339859	99.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.85%
24) Chloroform-d	4.64	84	304640	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
26) 1,2-Dichloroethane-d4	5.31	65	202562	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.34	84	625284	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
36) 1,2-Dichloropropane-d6	6.32	67	219690	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.74%
41) Toluene-d8	7.56	98	537127	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%
43) trans-1,3-Dichloropropene-	7.85	79	92943	47.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.14%
47) 2-Hexanone-d5	8.31	63	230344	102.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292567	49.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	174218	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

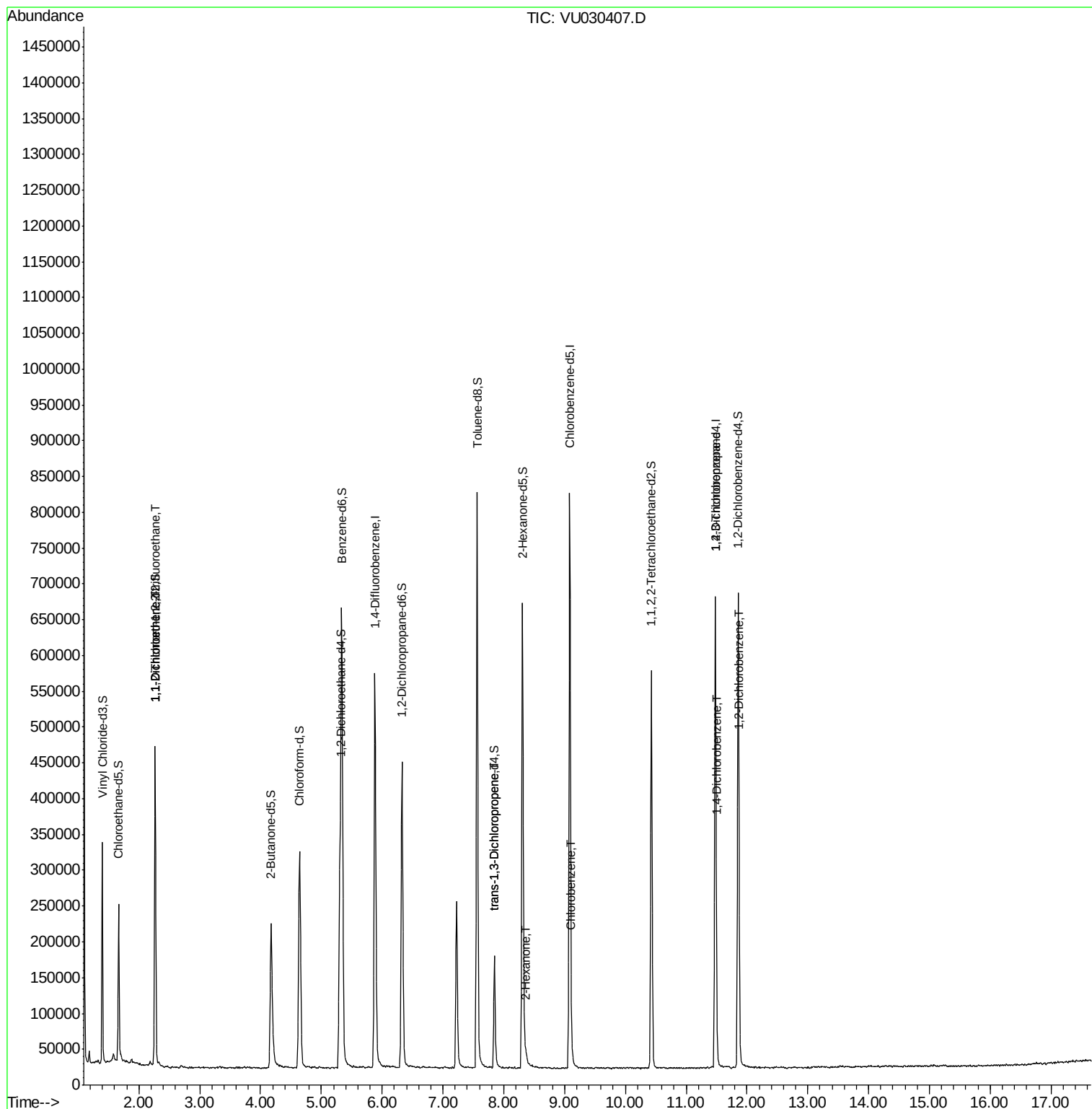
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2015	0.614	ug/L #	23
12) 1,1-Dichloroethene	2.26	96	2117	0.658	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3870	0.748	ug/L	91
48) 2-Hexanone	8.36	43	5947	1.056	ug/L #	76
51) Chlorobenzene	9.12	112	11125	1.227	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	25004	5.021	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	8612	1.498	ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	7486	1.325	ug/L #	87

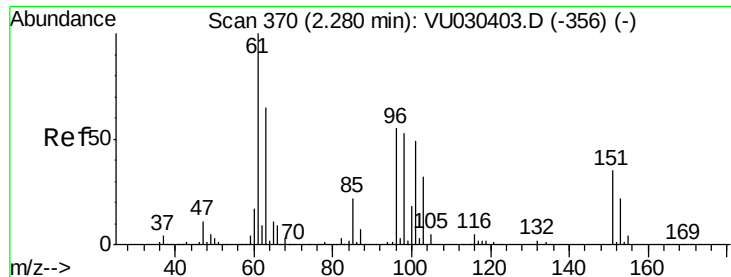
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.614 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK02

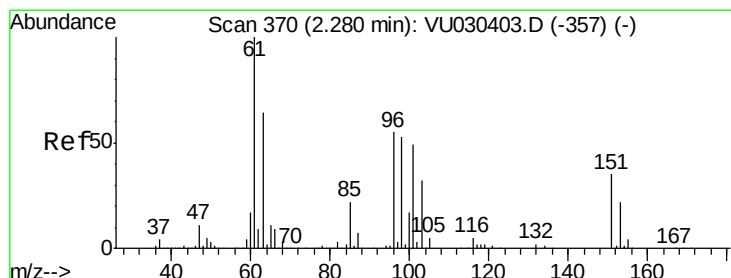
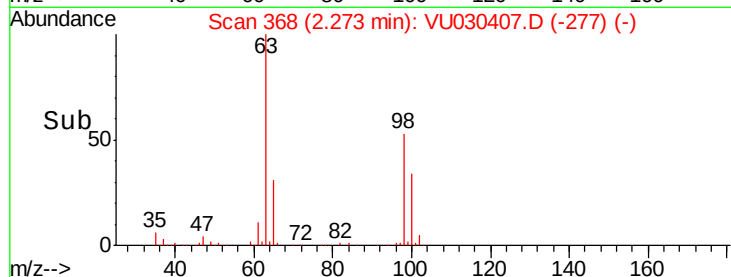
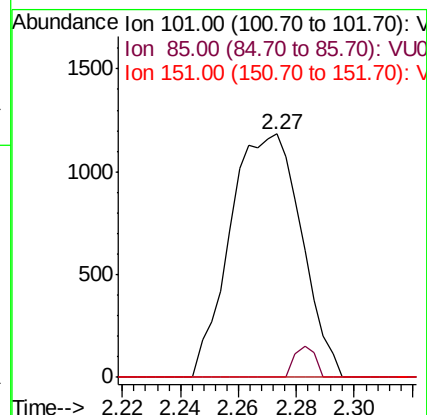
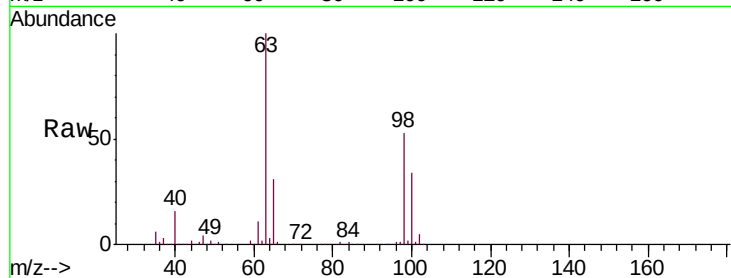
Tgt Ion: 101 Resp: 2015

Ion Ratio Lower Upper

101 100

85 3.7 34.8 52.2#

151 0.0 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 0.658 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030407.D

Acq: 25 Mar 2019 17:08

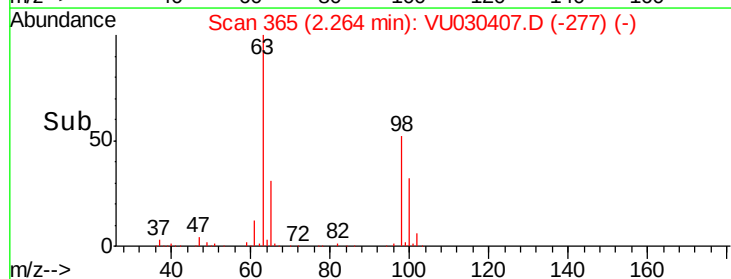
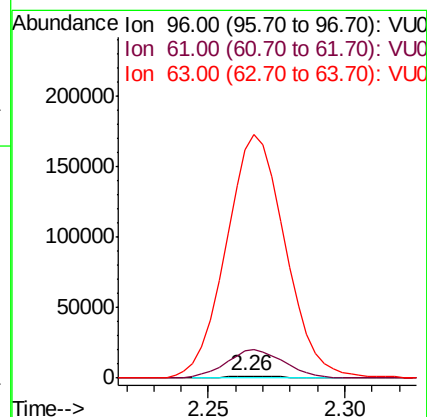
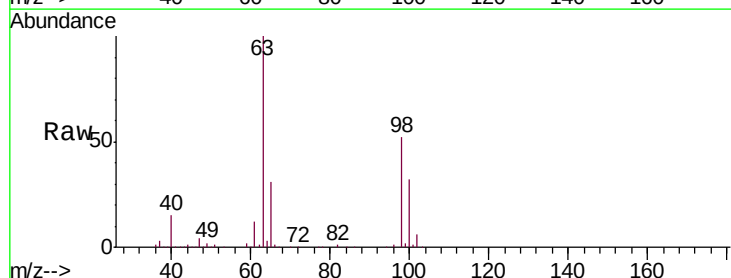
Tgt Ion: 96 Resp: 2117

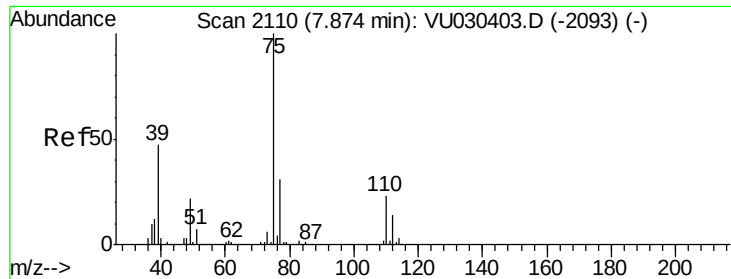
Ion Ratio Lower Upper

96 100

61 1326.1 131.0 243.4#

63 11256.5 92.4 171.6#





#44

trans-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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MSVOA_U

ClientSampleId :

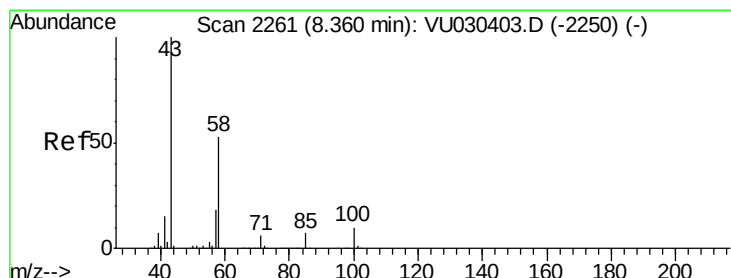
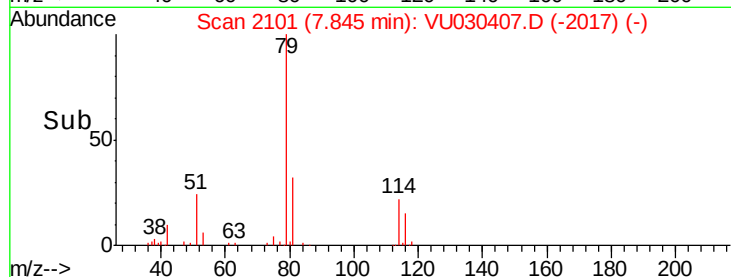
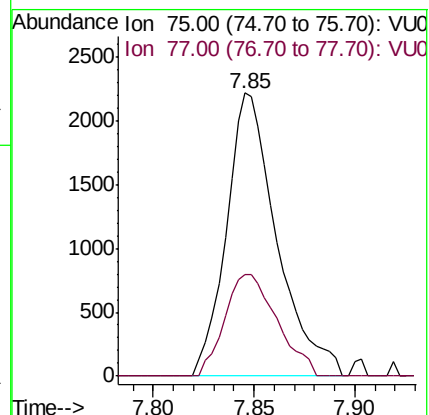
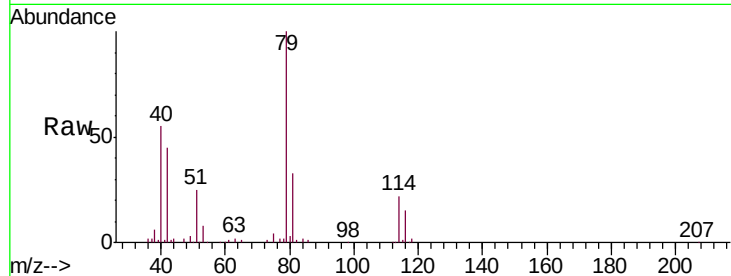
VHBLK02

Tgt Ion: 75 Resp: 3870

Ion Ratio Lower Upper

75 100

77 36.1 22.0 40.8



#48

2-Hexanone

Concen: 1.056 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030407.D

Acq: 25 Mar 2019 17:08

Tgt Ion: 43 Resp: 5947

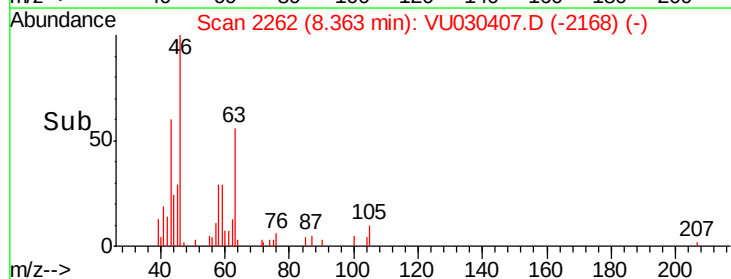
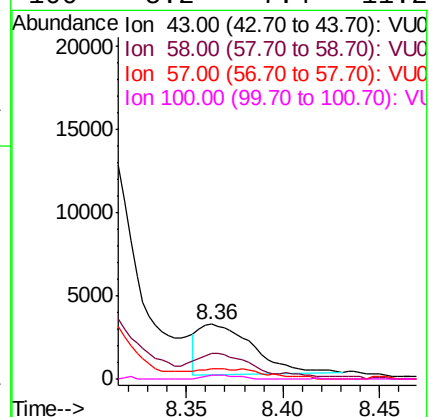
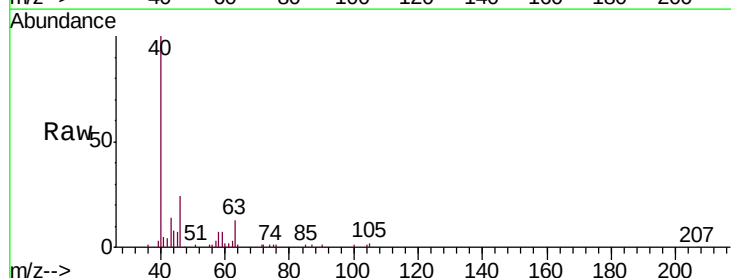
Ion Ratio Lower Upper

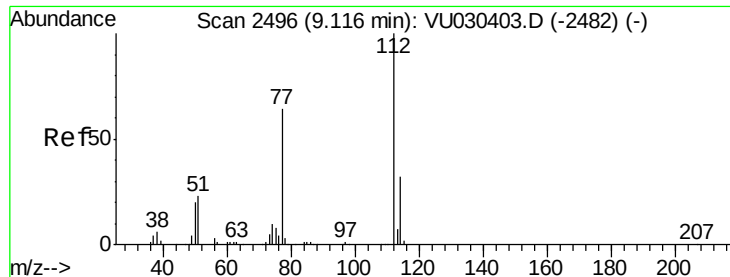
43 100

58 38.9 42.5 63.7#

57 0.0 15.0 22.6#

100 5.2 7.4 11.2#





#51

Chlorobenzene

Concen: 1.227 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

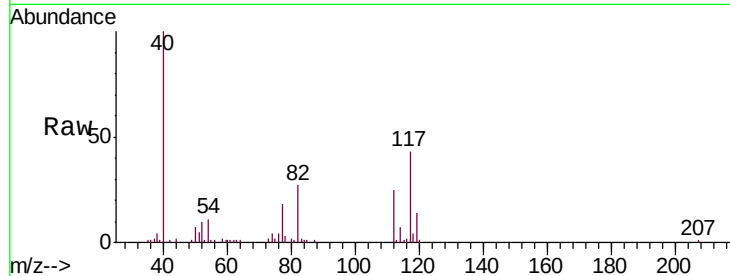
Tgt Ion: 112 Resp: 11125

Ion Ratio Lower Upper

112 100

114 29.5 21.5 39.9

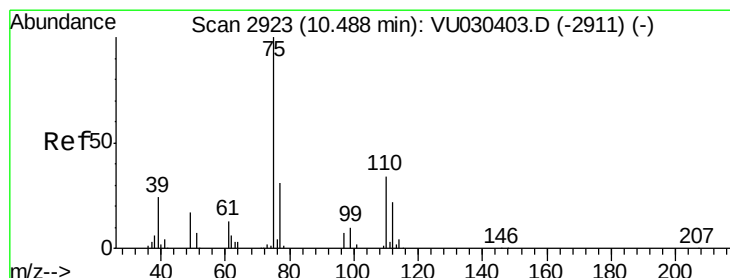
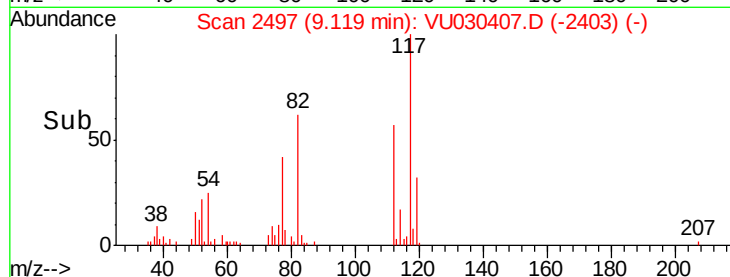
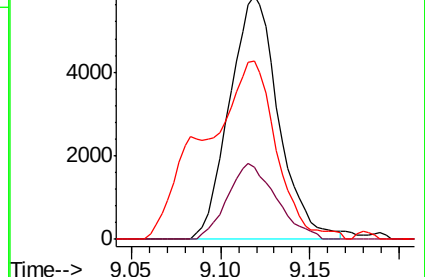
77 73.1 51.4 77.0



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: 5.021 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030407.D

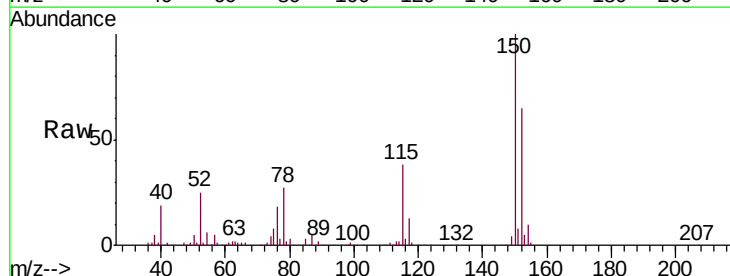
Acq: 25 Mar 2019 17:08

Tgt Ion: 75 Resp: 25004

Ion Ratio Lower Upper

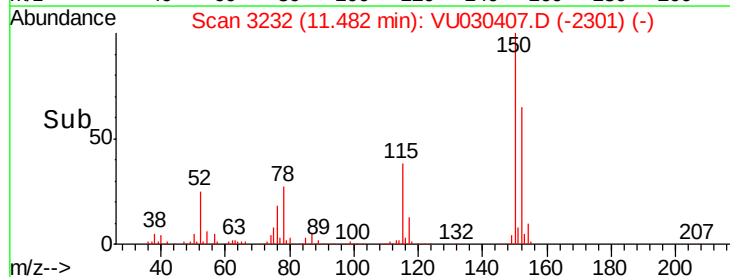
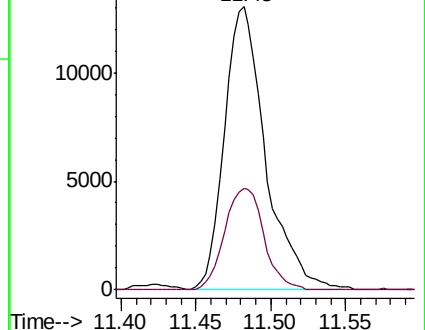
75 100

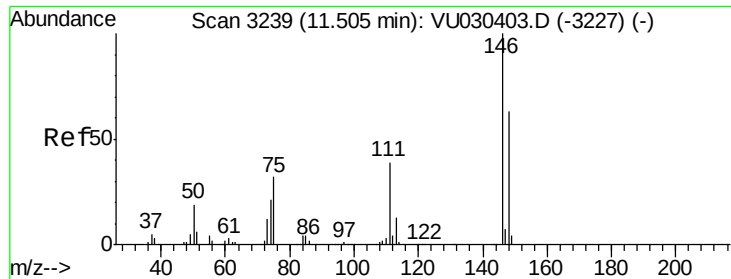
77 34.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

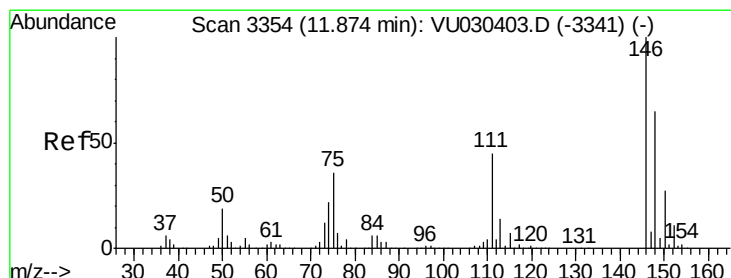
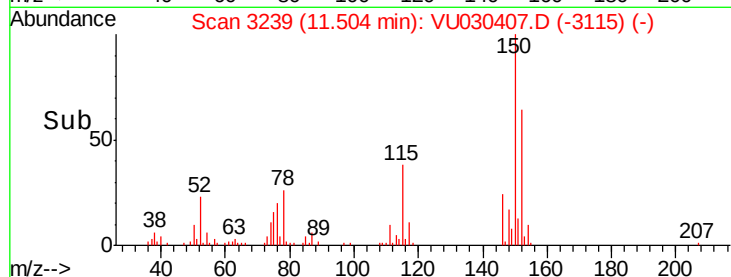
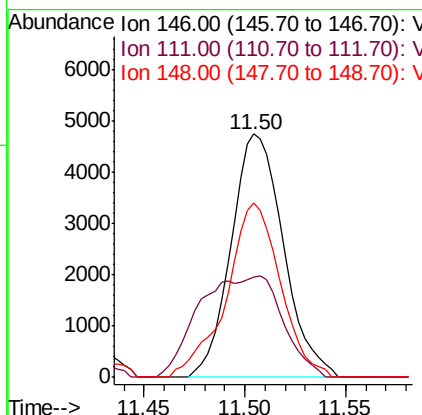
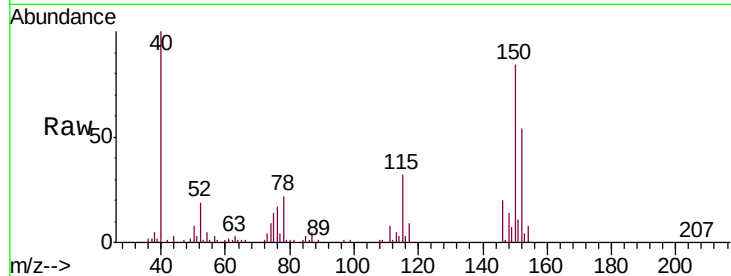




#63
 1,4-Dichlorobenzene
 Concen: 1.498 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030407.D
 Acq: 25 Mar 2019 17:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion:146 Resp: 8612
 Ion Ratio Lower Upper
 146 100
 111 41.2 28.7 53.3
 148 71.6 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 1.325 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030407.D
 Acq: 25 Mar 2019 17:08

Tgt Ion:146 Resp: 7486
 Ion Ratio Lower Upper
 146 100
 111 59.3 34.9 52.3#
 148 67.5 51.2 76.8

