

Data File : VU030547.D
Acq On : 29 Mar 2019 17:21
Operator : JC/SP
Sample : VU0330WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Quant Time: Mar 30 02:14:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	341999	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	133204	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144896	52.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.28%
7) Chloroethane-d5	1.67	69	118667	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.78%
11) 1,1-Dichloroethene-d2	2.27	63	210077	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.48%
21) 2-Butanone-d5	4.18	46	270505	104.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.55%
24) Chloroform-d	4.65	84	258885	54.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.18%
26) 1,2-Dichloroethane-d4	5.31	65	181583	58.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.04%
32) Benzene-d6	5.34	84	521472	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
36) 1,2-Dichloropropane-d6	6.33	67	187224	56.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.64%
41) Toluene-d8	7.56	98	450592	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%
43) trans-1,3-Dichloropropene-	7.85	79	80261	51.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.60%
47) 2-Hexanone-d5	8.31	63	166547	93.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253737	53.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	152006	56.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.90%

Target Compounds

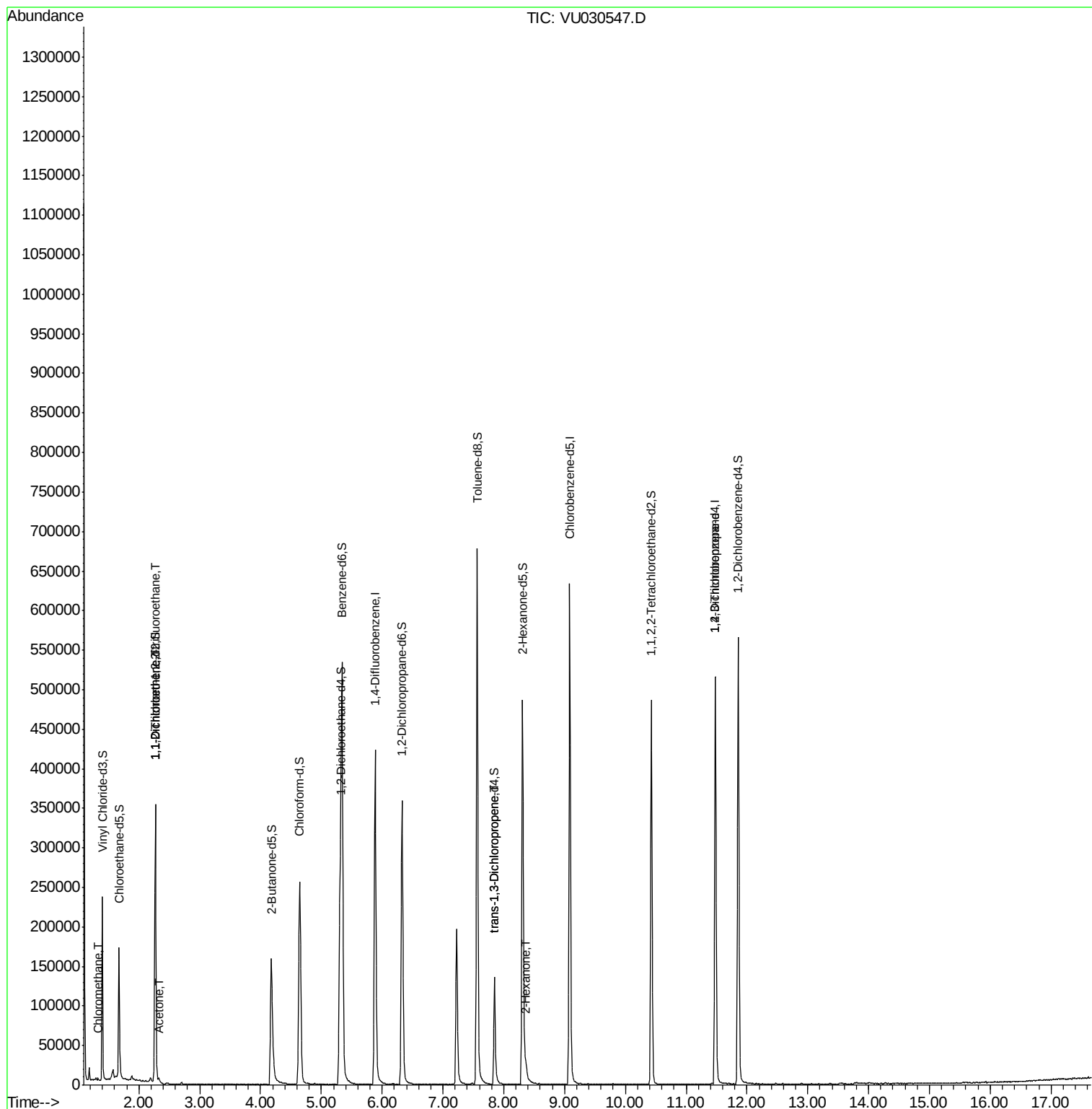
					Qvalue
3) Chloromethane	1.33	50	2825	0.669 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1912	0.766 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1672	0.683 ug/L #	1
13) Acetone	2.32	43	1690	0.646 ug/L	65
44) trans-1,3-Dichloropropene	7.85	75	2815	0.686 ug/L	86
48) 2-Hexanone	8.37	43	11718	2.624 ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	18236	4.618 ug/L	90

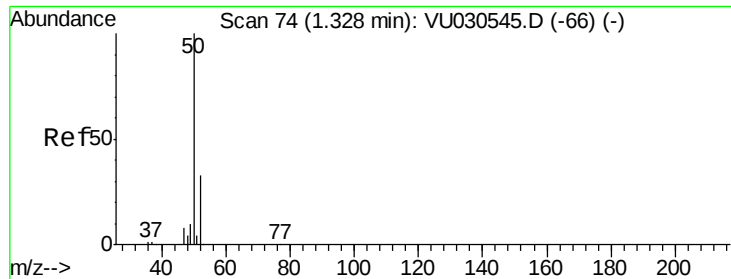
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.669 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030547.D

Acq: 29 Mar 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

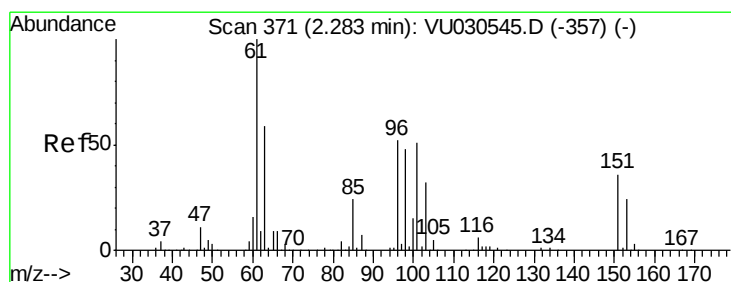
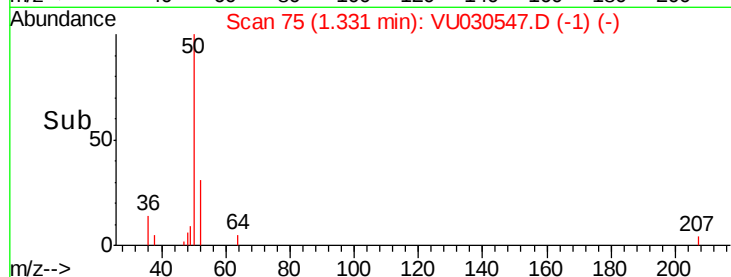
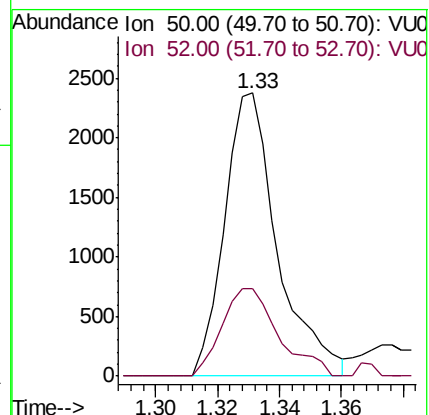
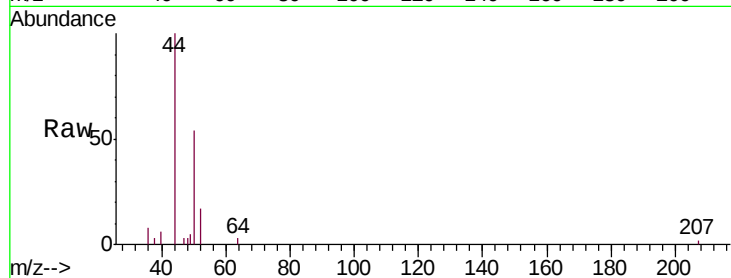
VBLK34

Tgt Ion: 50 Resp: 2825

Ion Ratio Lower Upper

50 100

52 30.7 23.0 42.6



#10

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

Concen: 0.766 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030547.D

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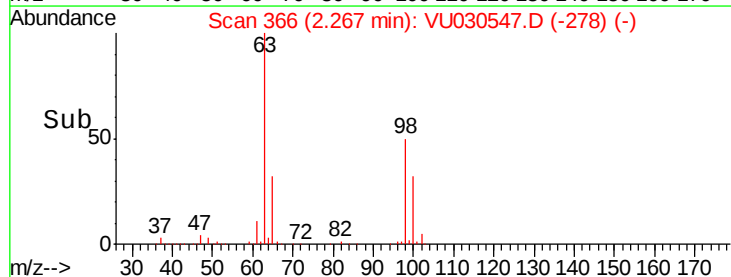
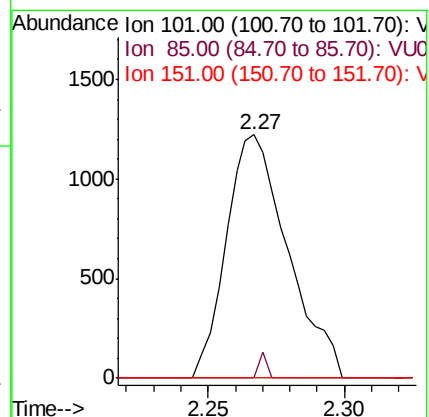
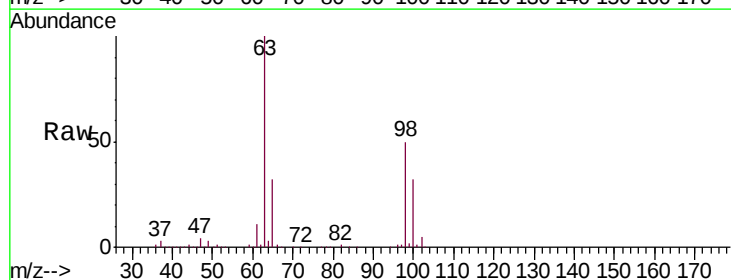
Tgt Ion: 101 Resp: 1912

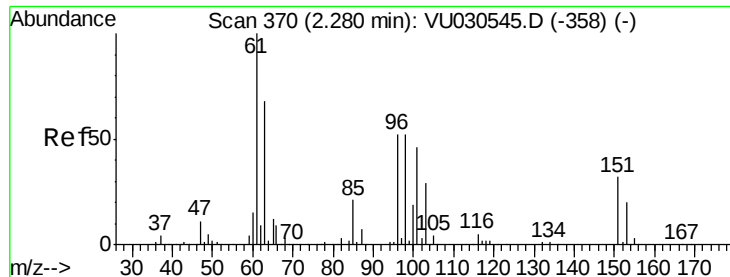
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#





#12

1,1-Dichloroethene

Concen: 0.683 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030547.D

Acq: 29 Mar 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

VBLK34

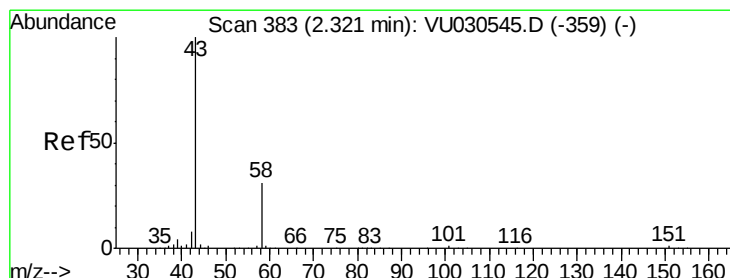
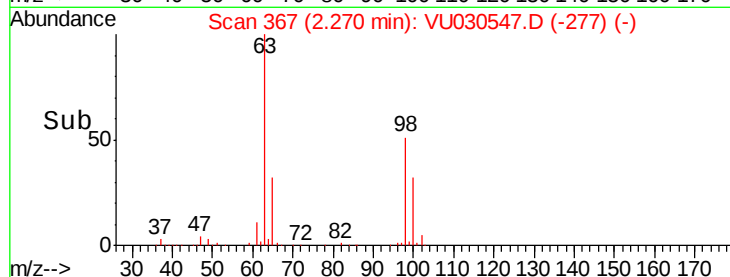
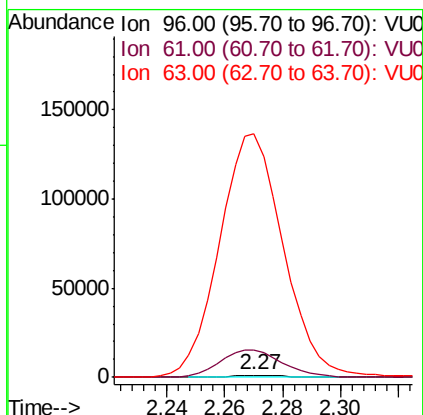
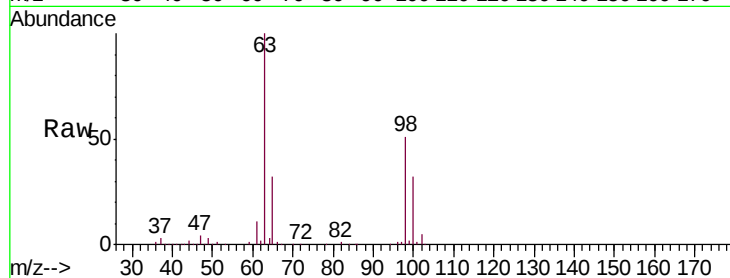
Tgt Ion: 96 Resp: 1672

Ion Ratio Lower Upper

96 100

61 1253.7 131.0 243.4#

63 11213.1 92.4 171.6#



#13

Acetone

Concen: 0.646 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030547.D

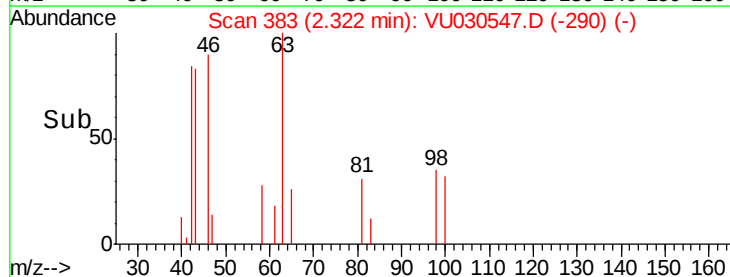
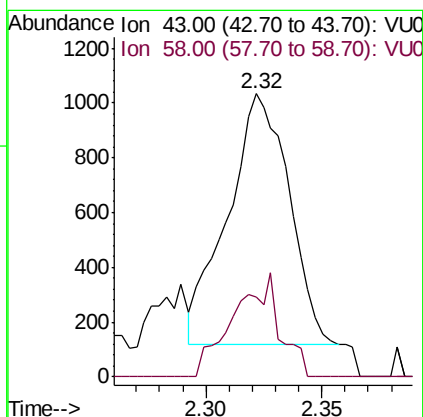
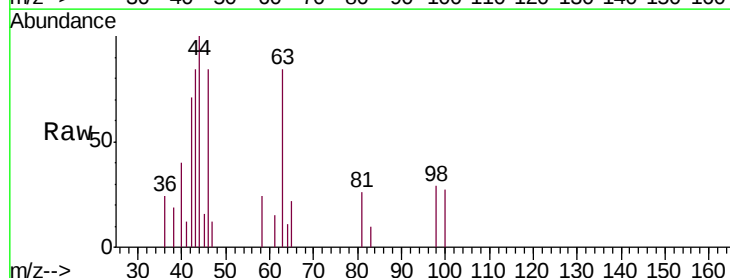
Acq: 29 Mar 2019 17:21

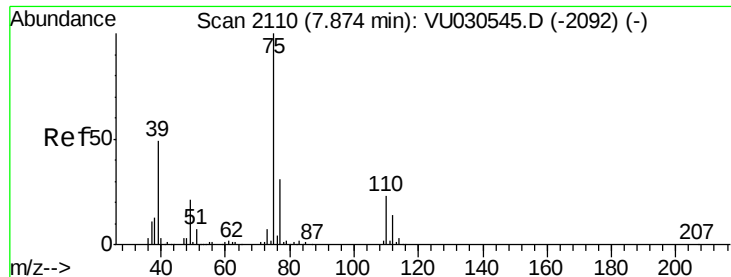
Tgt Ion: 43 Resp: 1690

Ion Ratio Lower Upper

43 100

58 11.9 0.0 62.8





#44

trans-1,3-Dichloropropene

Concen: 0.686 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030547.D

Acq: 29 Mar 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

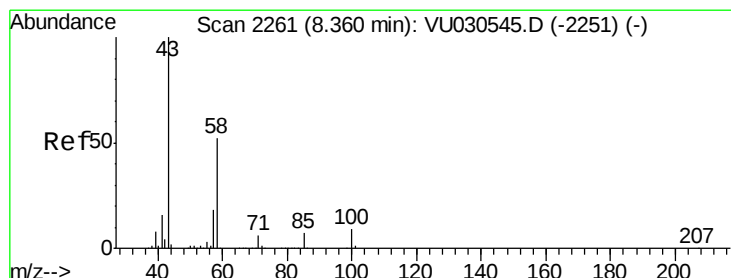
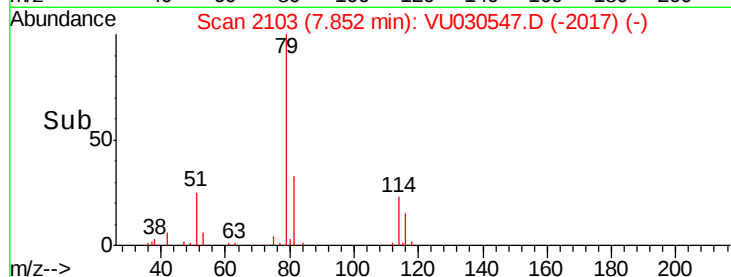
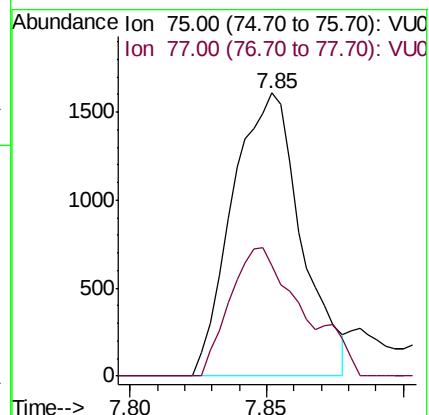
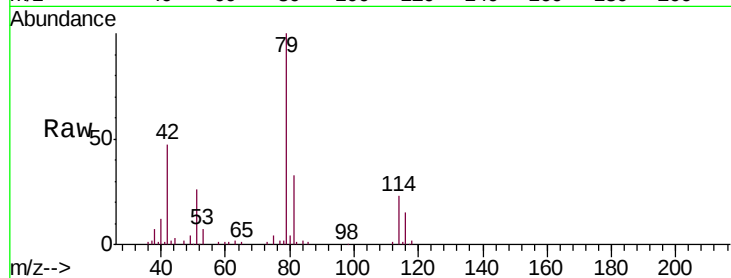
VBLK34

Tgt Ion: 75 Resp: 2815

Ion Ratio Lower Upper

75 100

77 39.1 22.0 40.8



#48

2-Hexanone

Concen: 2.624 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU030547.D

Acq: 29 Mar 2019 17:21

Tgt Ion: 43 Resp: 11718

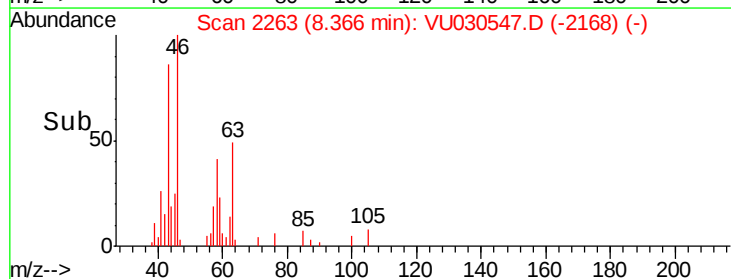
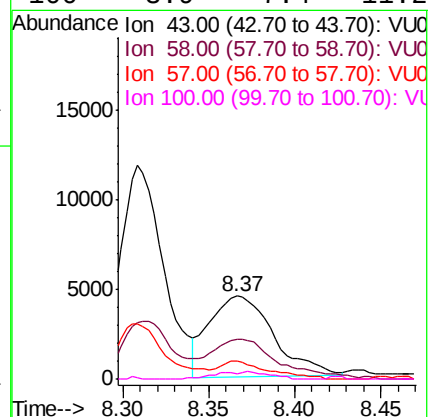
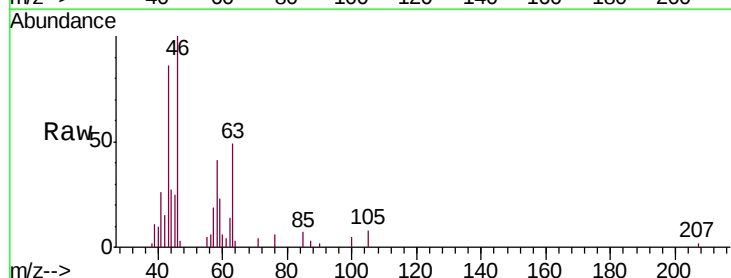
Ion Ratio Lower Upper

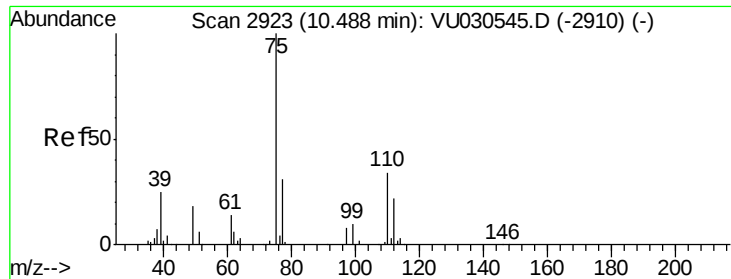
43 100

58 50.3 42.5 63.7

57 17.1 15.0 22.6

100 3.9 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 4.618 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030547.D

Acq: 29 Mar 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

VBLK34

Tgt Ion: 75 Resp: 18236

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2

