

Data File : VU033546.D
Acq On : 01 Aug 2019 14:01
Operator : JC/SP
Sample : VU0801WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Quant Time: Aug 02 02:31:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	302614	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	91672	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.32%
7) Chloroethane-d5	1.67	69	85269	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.34%
11) 1,1-Dichloroethene-d2	2.26	63	126365	31.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	4.15	46	165866	113.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.82%
24) Chloroform-d	4.62	84	174967	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.29	65	114609	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.32	84	345664	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.31	67	115493	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.98%
41) Toluene-d8	7.55	98	304575	44.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.83	79	52274	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.22%
47) 2-Hexanone-d5	8.30	63	118123	107.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.69%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	175370	49.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	125759	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%

Target Compounds

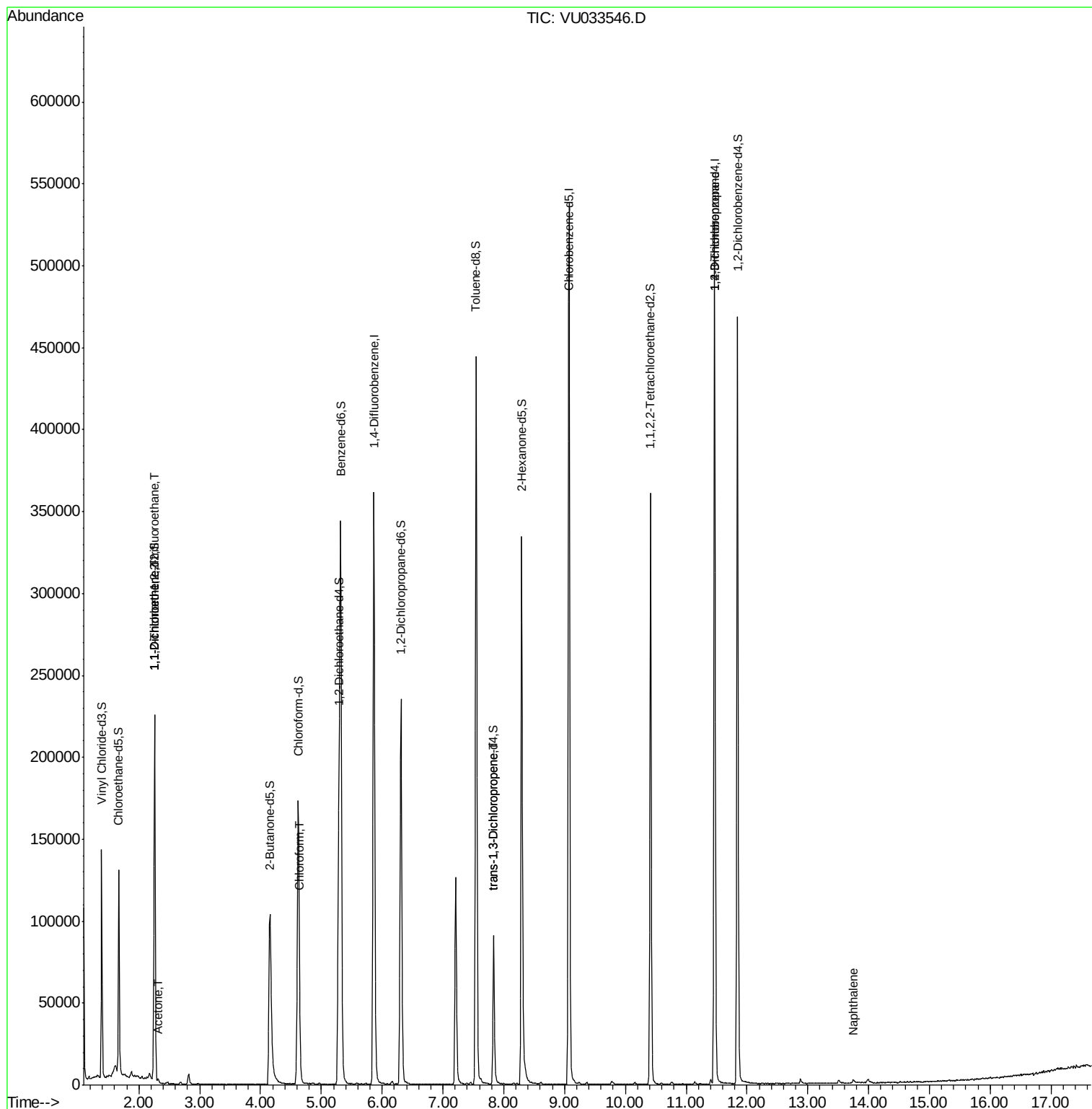
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1265	0.619 ug/L #	25
12) 1,1-Dichloroethene	2.26	96	1204	0.614 ug/L #	1
13) Acetone	2.32	43	1123	0.753 ug/L	70
25) Chloroform	4.65	83	2163	0.533 ug/L	99
44) trans-1,3-Dichloropropene	7.83	75	2701	0.834 ug/L	95
59) 1,2,3-Trichloropropane	11.47	75	16745	5.526 ug/L	93
69) Naphthalene	13.75	128	3702	0.435 ug/L #	83

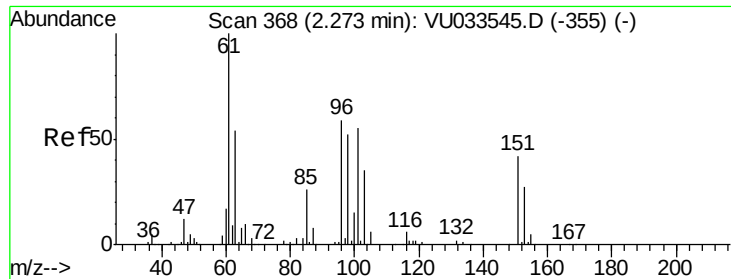
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 02:28:15 2019
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#10

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

Concen: 0.619 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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VBLK38

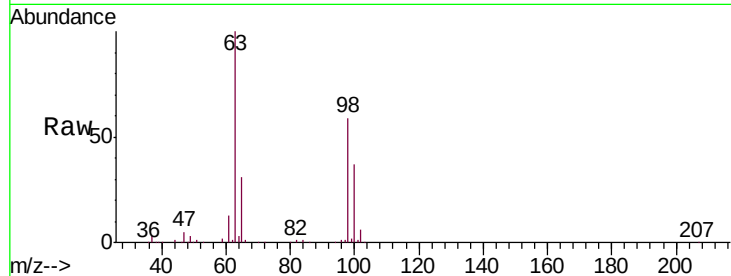
Tgt Ion: 101 Resp: 1265

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

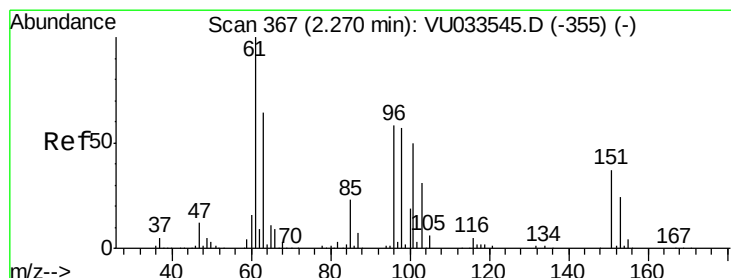
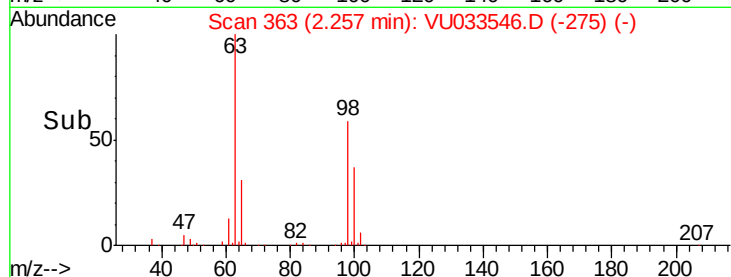
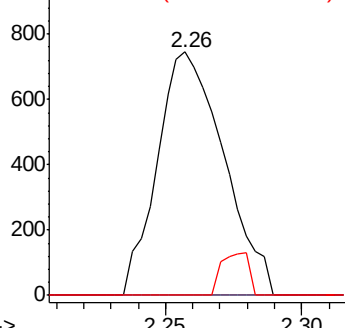
151 7.4 60.1 90.1#



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: 0.614 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033546.D

Acq: 01 Aug 2019 14:01

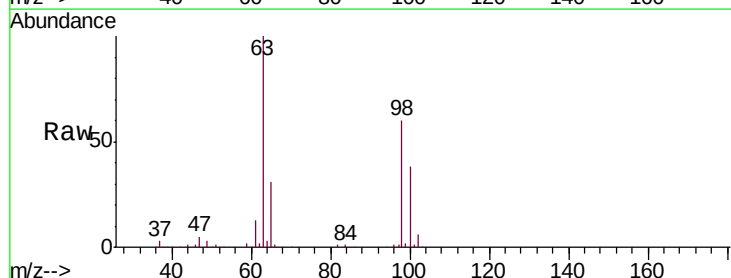
Tgt Ion: 96 Resp: 1204

Ion Ratio Lower Upper

96 100

61 1236.5 119.3 221.5#

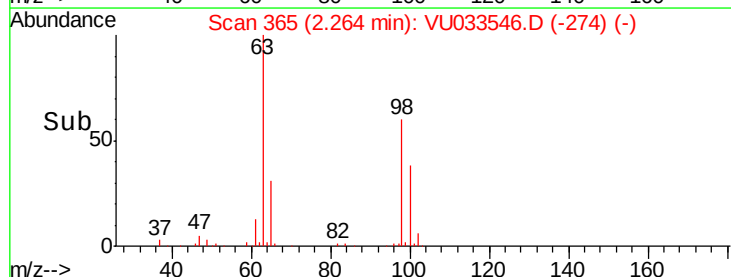
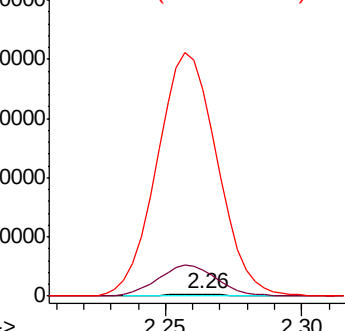
63 9675.5 86.6 160.8#

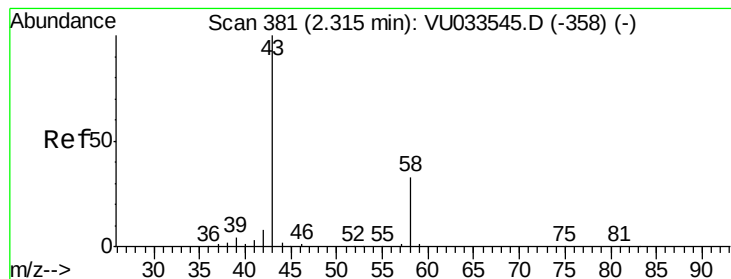


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.753 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

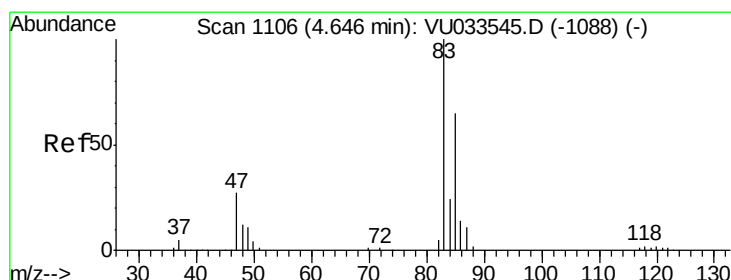
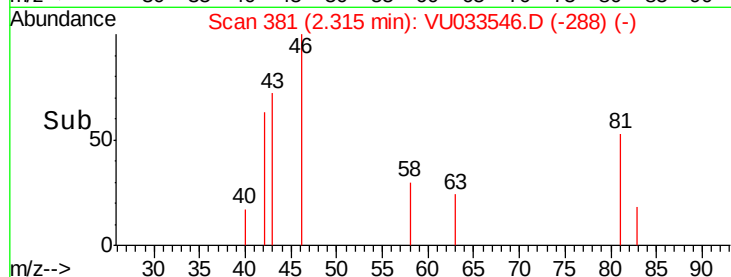
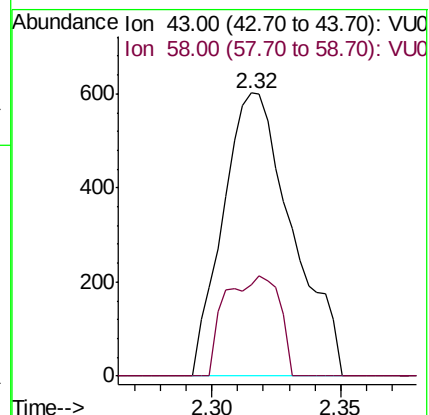
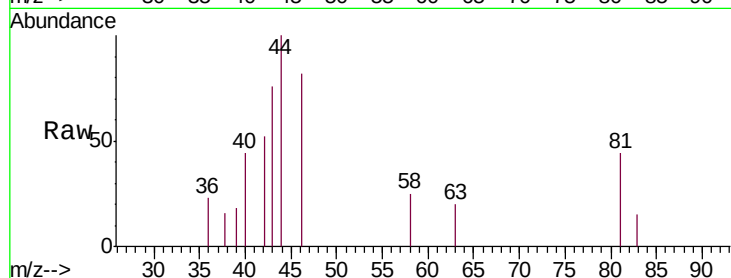
VBLK38

Tgt Ion: 43 Resp: 1123

Ion Ratio Lower Upper

43 100

58 16.0 0.0 66.2



#25

Chloroform

Concen: 0.533 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033546.D

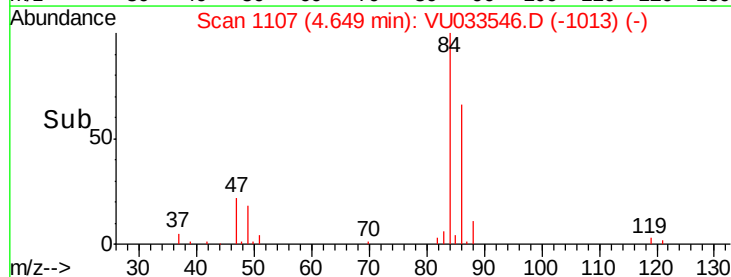
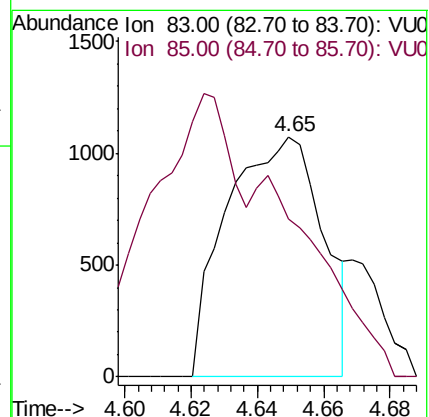
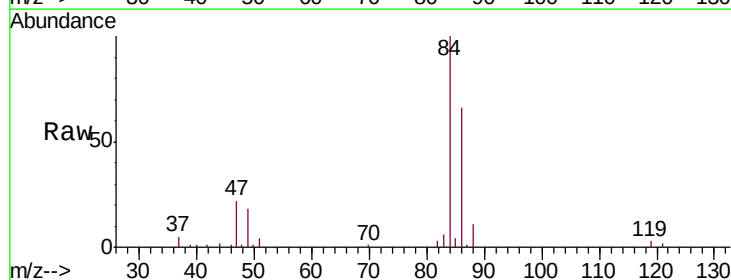
Acq: 01 Aug 2019 14:01

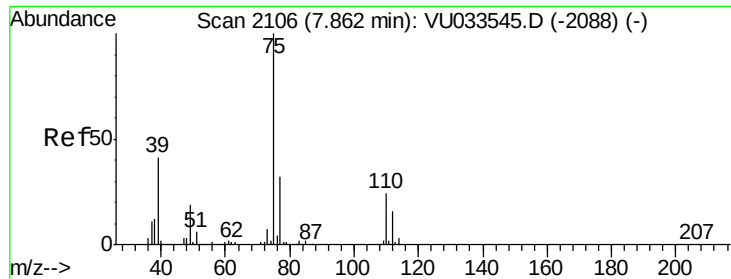
Tgt Ion: 83 Resp: 2163

Ion Ratio Lower Upper

83 100

85 66.0 45.6 84.8





#44

trans-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033546.D

Acq: 01 Aug 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

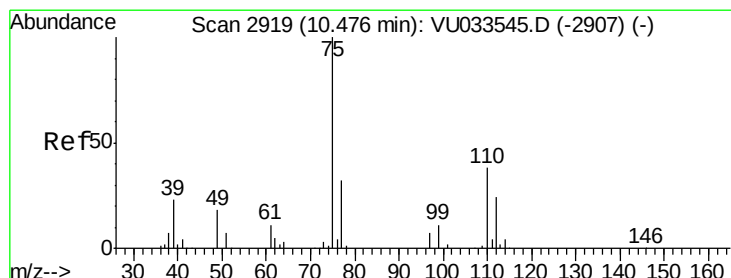
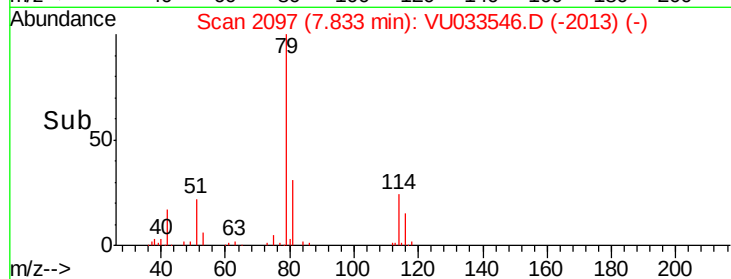
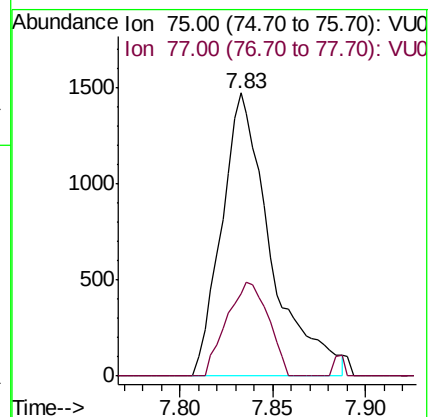
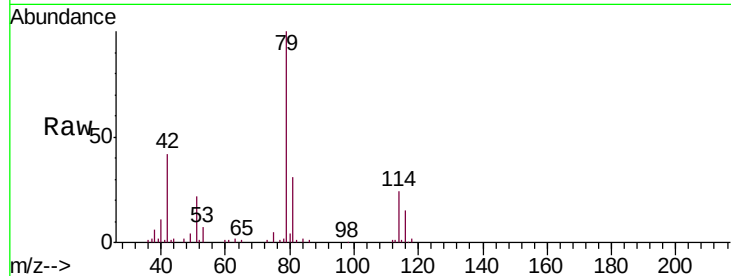
VBLK38

Tgt Ion: 75 Resp: 2701

Ion Ratio Lower Upper

75 100

77 29.3 22.7 42.1



#59

1,2,3-Trichloropropane

Concen: 5.526 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033546.D

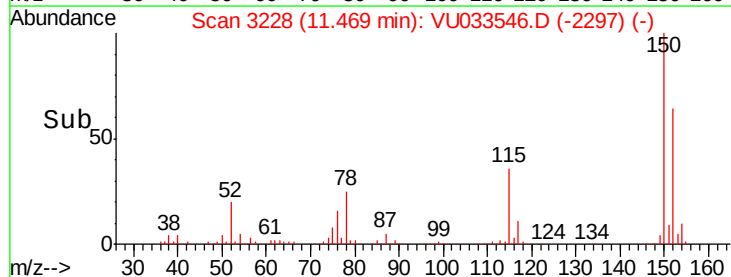
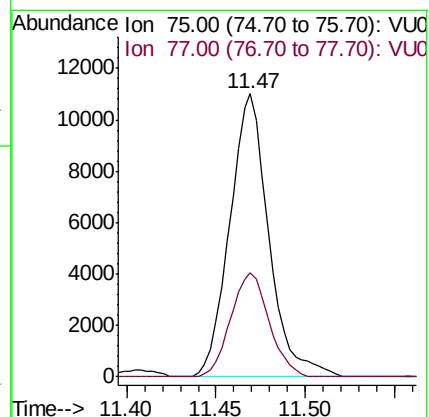
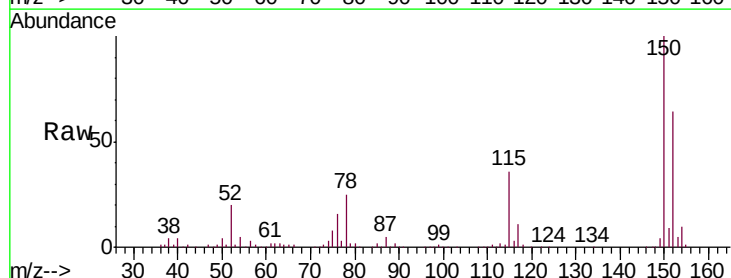
Acq: 01 Aug 2019 14:01

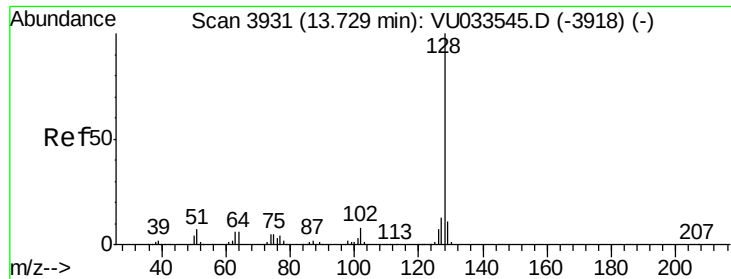
Tgt Ion: 75 Resp: 16745

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6





#69

Naphthalene

Concen: 0.435 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. 0.02 min

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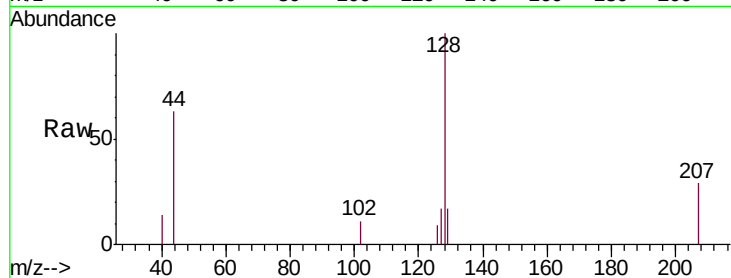
Acq: 01 Aug 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

VBLK38



Tgt Ion:128 Resp: 3702

Ion Ratio Lower Upper

128 100

127 5.0 10.8 16.2#

129 6.3 8.7 13.1#

