

Data File : VU033550.D
Acq On : 01 Aug 2019 15:35
Operator : JC/SP
Sample : K4116-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JLLH2

Quant Time: Aug 02 02:31:34 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	310547	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142502	63.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.22%
7) Chloroethane-d5	1.67	69	132982	68.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	137.30%#
11) 1,1-Dichloroethene-d2	2.26	63	193792	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.58%
21) 2-Butanone-d5	4.16	46	190016	127.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.06%
24) Chloroform-d	4.62	84	216921	57.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.64%
26) 1,2-Dichloroethane-d4	5.29	65	141498	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.08%
32) Benzene-d6	5.32	84	449434	59.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.10%
36) 1,2-Dichloropropane-d6	6.31	67	141875	59.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.92%
41) Toluene-d8	7.55	98	400498	56.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.30%
43) trans-1,3-Dichloropropene-	7.83	79	64654	54.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.24%
47) 2-Hexanone-d5	8.30	63	131334	115.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.93%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	205352	55.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	154199	59.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.60%

Target Compounds

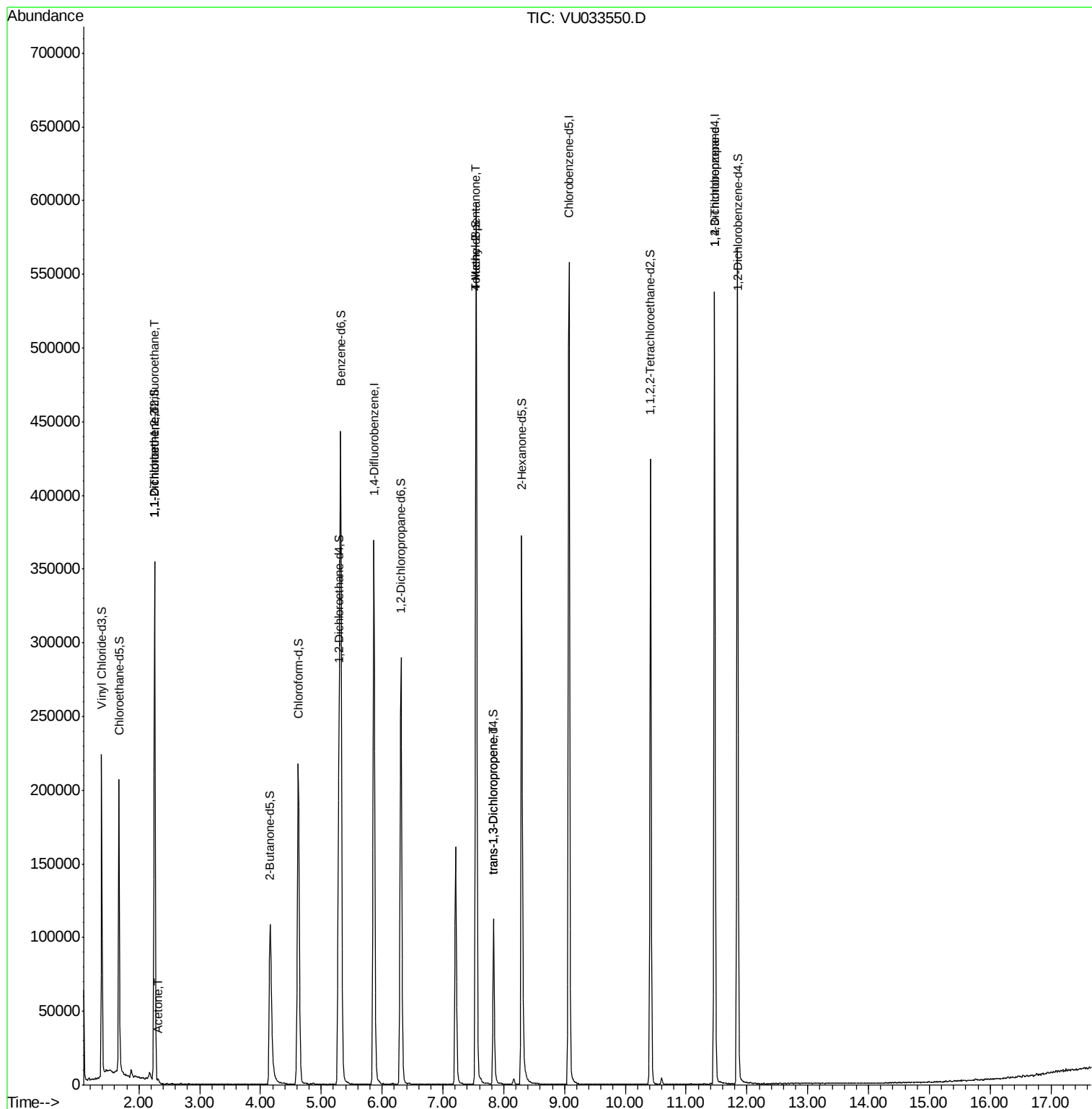
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1777	0.847	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1562	0.777	ug/L #	1
13) Acetone	2.32	43	807	0.527	ug/L #	42
40) 4-Methyl-2-pentanone	7.54	43	1645	0.502	ug/L #	1
44) trans-1,3-Dichloropropene	7.83	75	2810	0.840	ug/L	91
59) 1,2,3-Trichloropropane	11.47	75	16803	5.369	ug/L	93

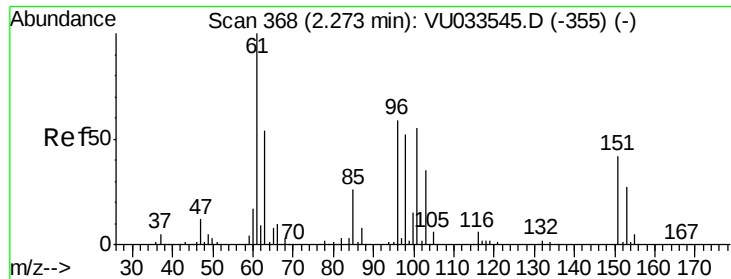
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.847 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033550.D

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Instrument :

MSVOA_U

ClientSampleId :

JLLH2

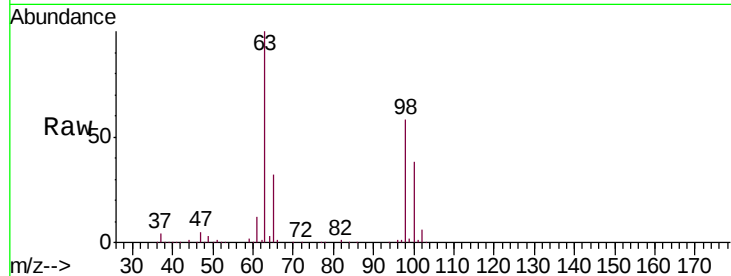
Tgt Ion:101 Resp: 1777

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

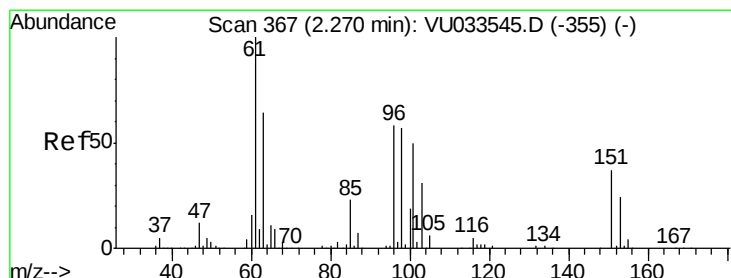
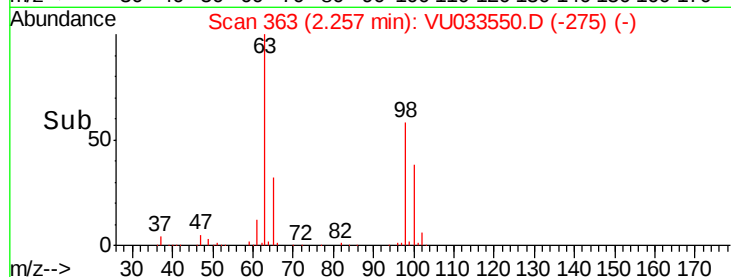
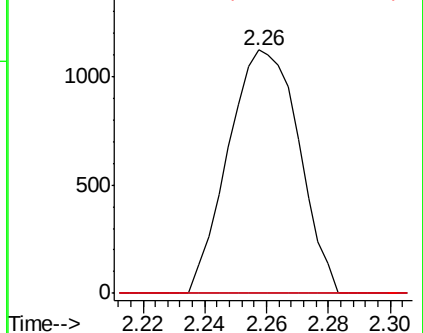
151 0.0 60.1 90.1#



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: 0.777 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033550.D

Acq: 01 Aug 2019 15:35

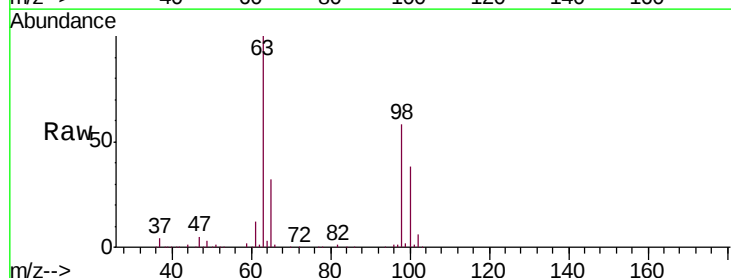
Tgt Ion: 96 Resp: 1562

Ion Ratio Lower Upper

96 100

61 1432.9 119.3 221.5#

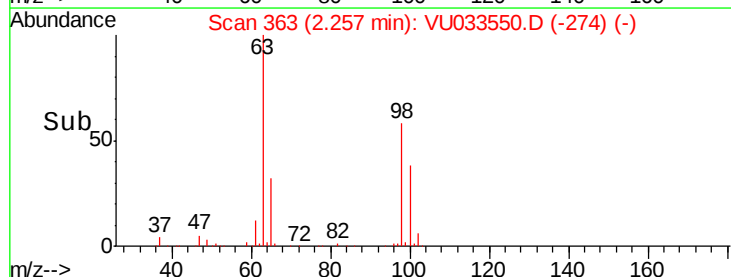
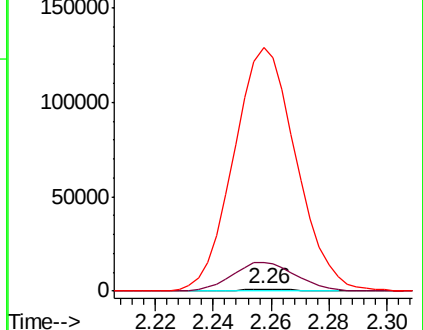
63 12006.0 86.6 160.8#

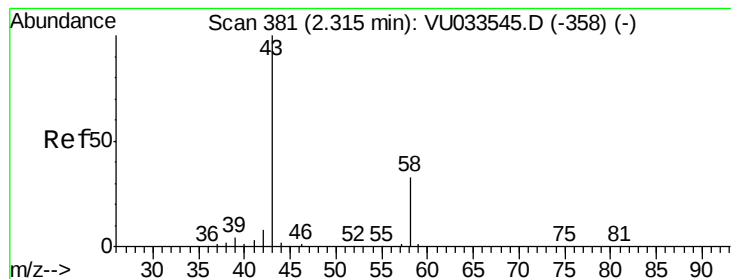


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.527 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU033550.D

Acq: 01 Aug 2019 15:35

Instrument :

MSVOA_U

ClientSampled :

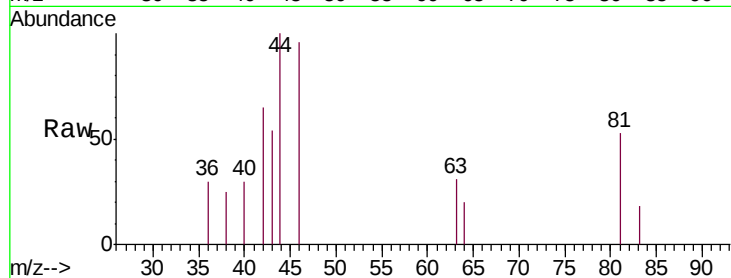
JLLH2

Tgt Ion: 43 Resp: 807

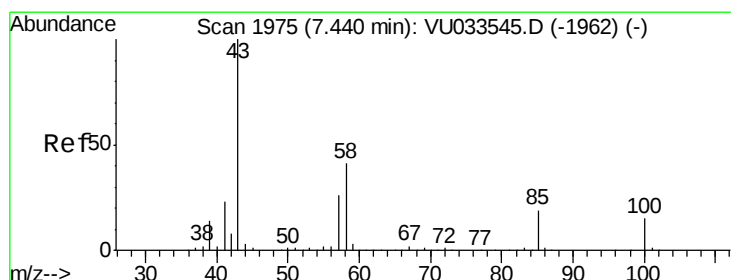
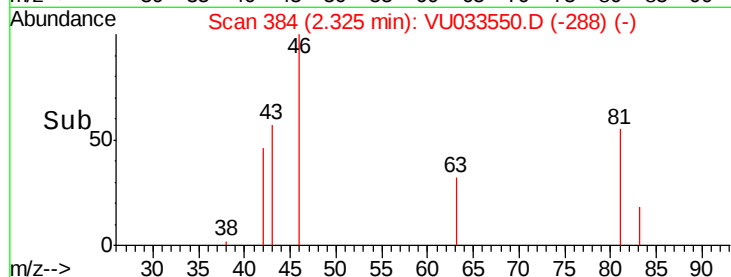
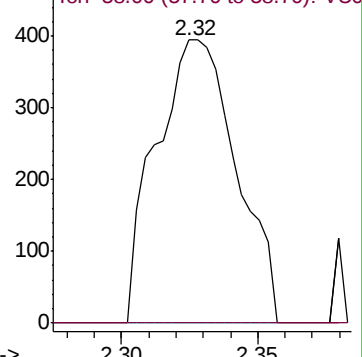
Ion Ratio Lower Upper

43 100

58 0.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033550.D (-288) (-)



#40

4-Methyl-2-pentanone

Concen: 0.502 ug/L

RT: 7.54 min Scan# 2007

Delta R.T. 0.10 min

Lab File: VU033550.D

Acq: 01 Aug 2019 15:35

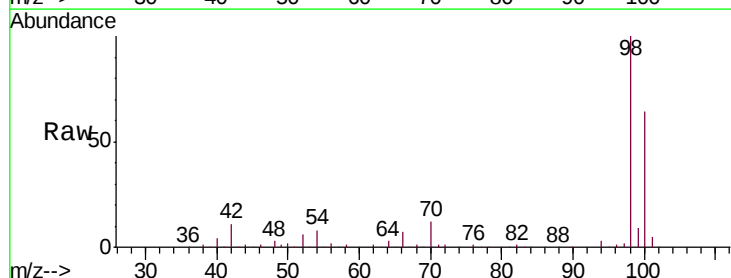
Tgt Ion: 43 Resp: 1645

Ion Ratio Lower Upper

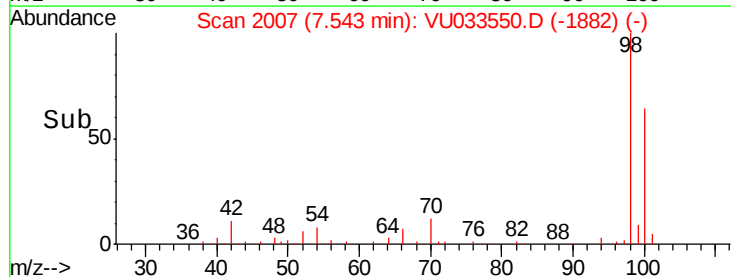
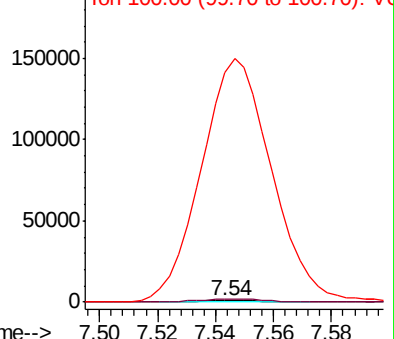
43 100

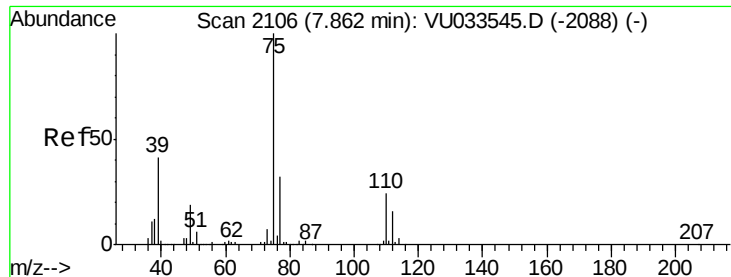
58 190.0 32.8 49.2#

100 15530.4 12.9 19.3#



Abundance Ion 43.00 (42.70 to 43.70): VU033550.D (-1882) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033550.D

Acq: 01 Aug 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

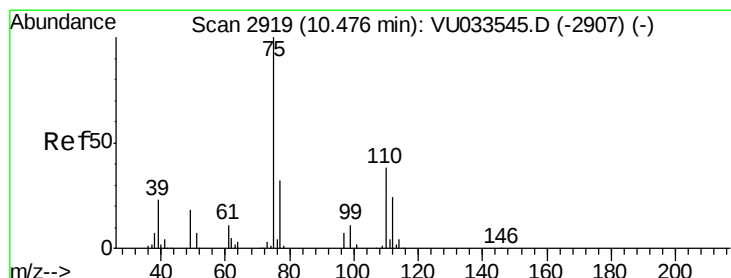
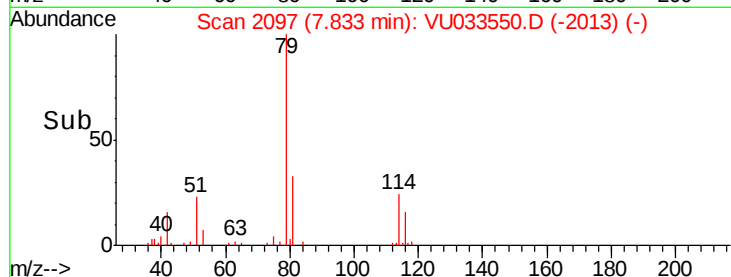
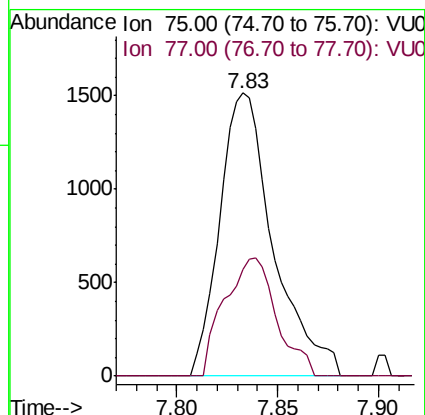
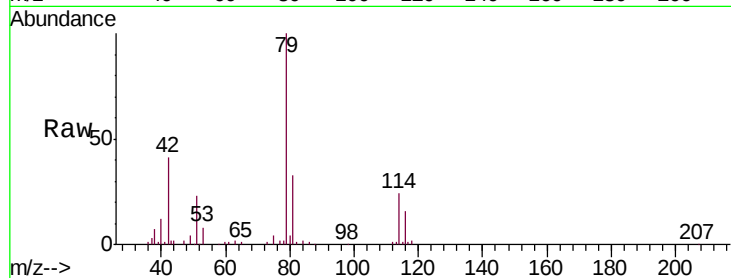
JLLH2

Tgt Ion: 75 Resp: 2810

Ion Ratio Lower Upper

75 100

77 37.6 22.7 42.1



#59

1,2,3-Trichloropropane

Concen: 5.369 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033550.D

Acq: 01 Aug 2019 15:35

Tgt Ion: 75 Resp: 16803

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6

