

Data File : VU033568.D
Acq On : 02 Aug 2019 14:34
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Aug 03 00:43:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	263155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	266568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	124863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	76774	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.26%
7) Chloroethane-d5	1.67	69	71366	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.94%
11) 1,1-Dichloroethene-d2	2.26	63	110314	31.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.54%
21) 2-Butanone-d5	4.15	46	147784	116.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.62%
24) Chloroform-d	4.62	84	157188	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.29	65	104385	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
32) Benzene-d6	5.32	84	304237	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.31	67	104042	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.44%
41) Toluene-d8	7.55	98	262044	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%
43) trans-1,3-Dichloropropene-	7.83	79	46418	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.34%
47) 2-Hexanone-d5	8.30	63	101758	103.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165061	51.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	116220	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

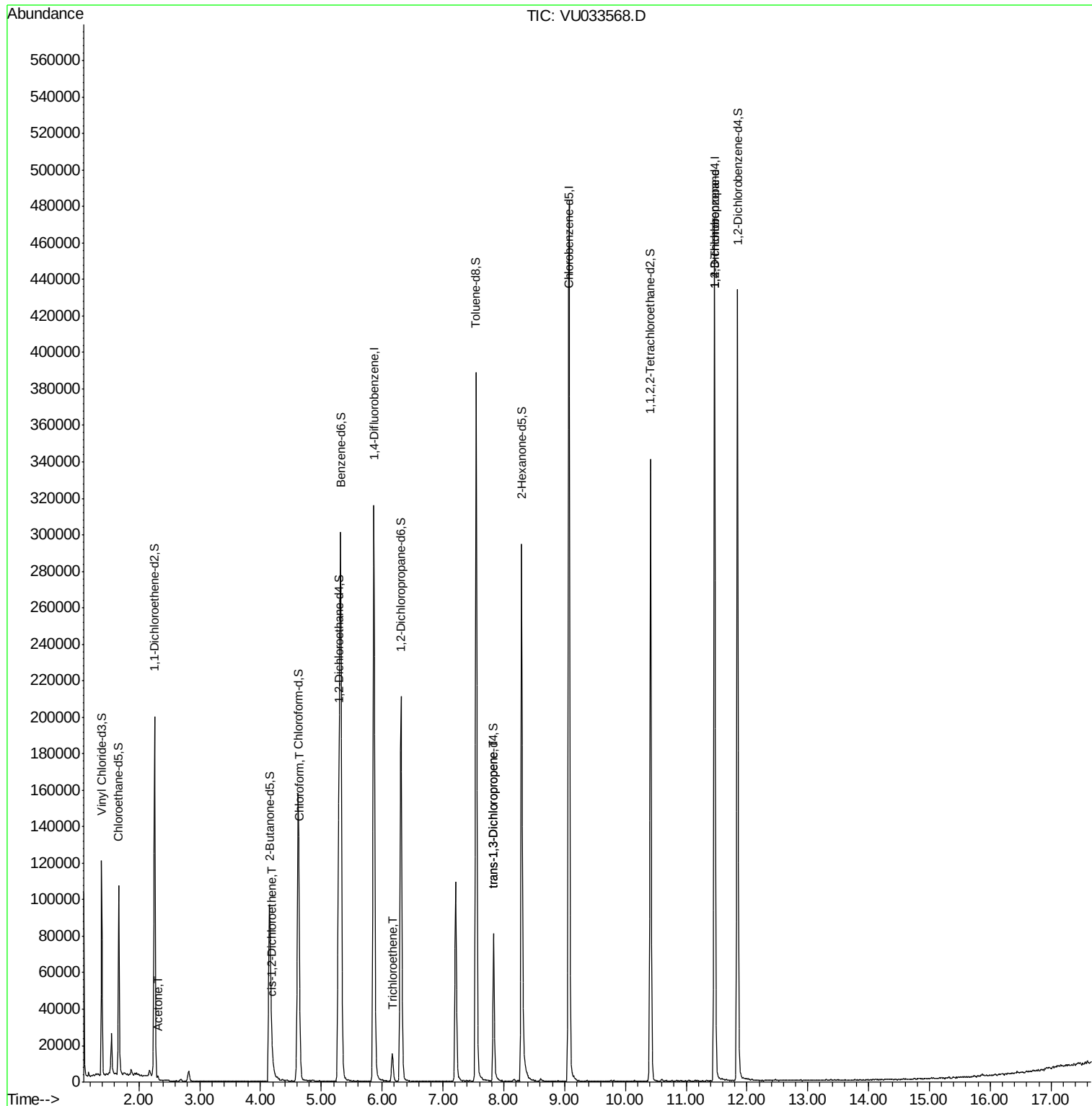
					Qvalue
13) Acetone	2.31	43	684	0.528 ug/L	75
20) cis-1,2-Dichloroethene	4.20	96	2467	1.231 ug/L	86
25) Chloroform	4.64	83	3997	1.133 ug/L	96
34) Trichloroethene	6.17	95	5396	2.660 ug/L	97
44) trans-1,3-Dichloropropene	7.83	75	1962	0.676 ug/L	84
59) 1,2,3-Trichloropropane	11.47	75	14438	5.314 ug/L	89

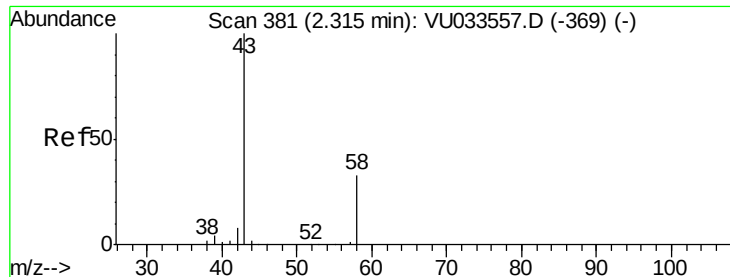
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.528 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VU033568.D

Acq: 02 Aug 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

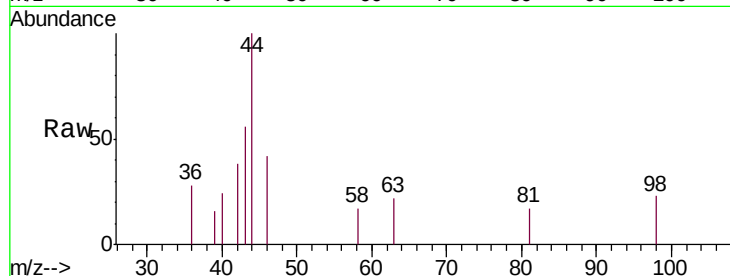
VIBLK41

Tgt Ion: 43 Resp: 684

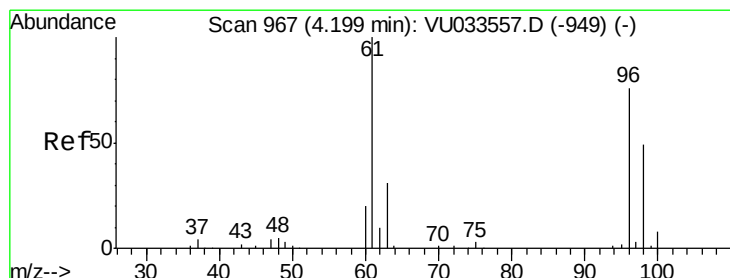
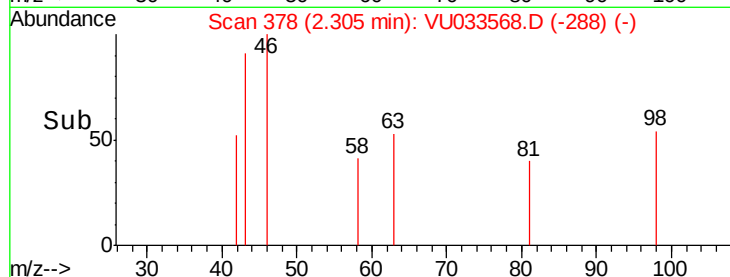
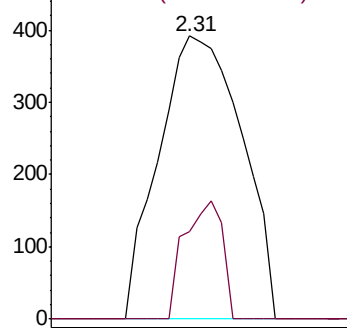
Ion Ratio Lower Upper

43 100

58 19.2 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033557.D (-369) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.231 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033568.D

Acq: 02 Aug 2019 14:34

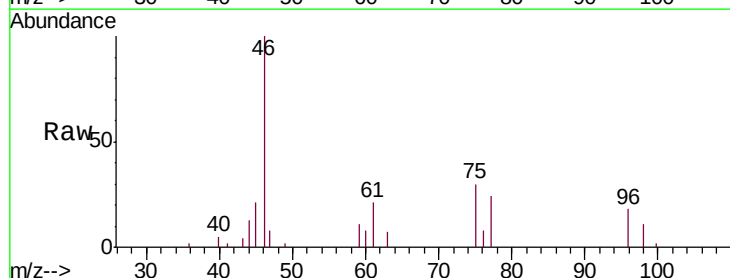
Tgt Ion: 96 Resp: 2467

Ion Ratio Lower Upper

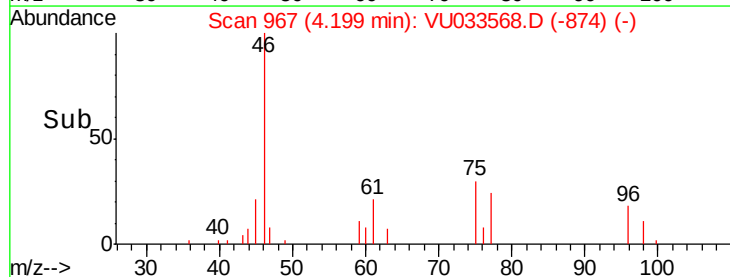
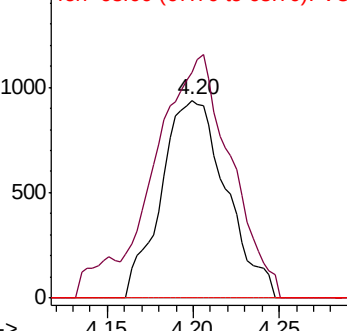
96 100

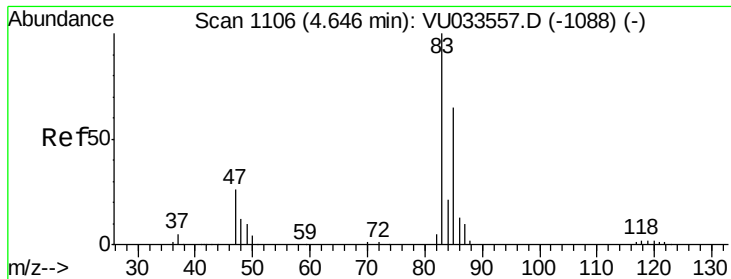
61 114.3 91.3 169.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033557.D (-949) (-)

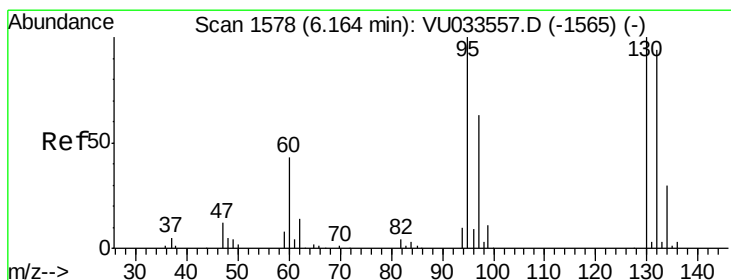
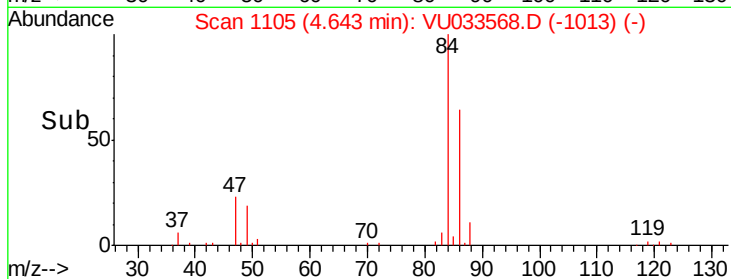
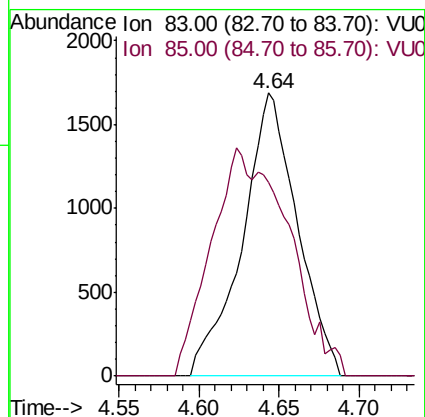
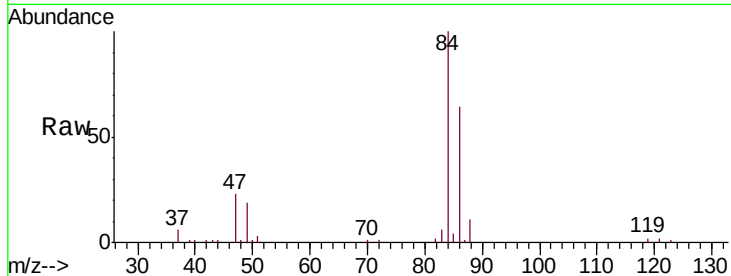




#25
Chloroform
Concen: 1.133 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033568.D
Acq: 02 Aug 2019 14:34

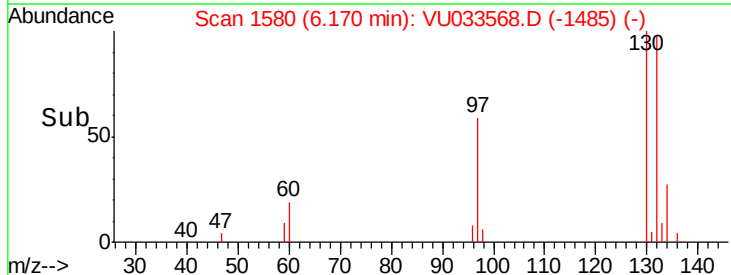
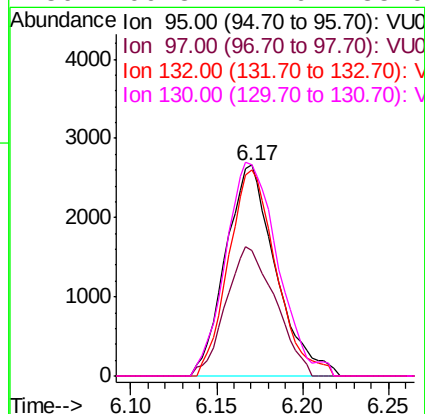
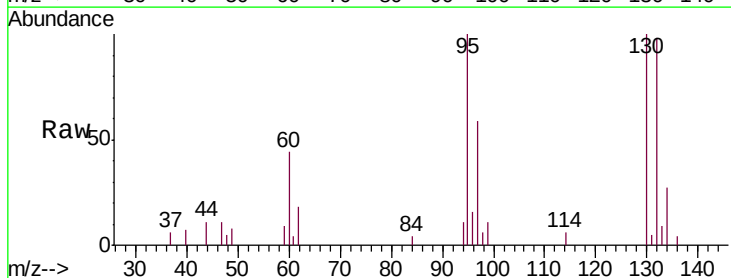
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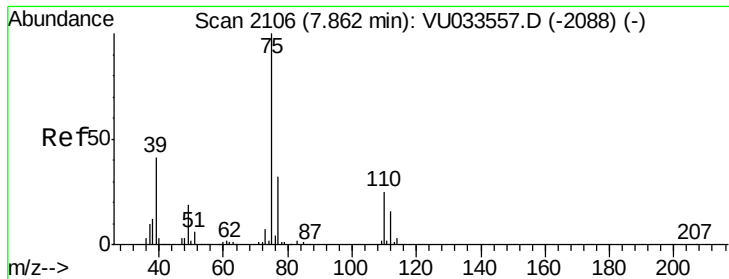
Tgt Ion: 83 Resp: 3997
Ion Ratio Lower Upper
83 100
85 68.5 45.6 84.8



#34
Trichloroethene
Concen: 2.660 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033568.D
Acq: 02 Aug 2019 14:34

Tgt Ion: 95 Resp: 5396
Ion Ratio Lower Upper
95 100
97 59.5 44.7 83.1
132 97.9 66.8 124.0
130 100.3 71.6 133.0





#44

trans-1,3-Dichloropropene

Concen: 0.676 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033568.D

Acq: 02 Aug 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

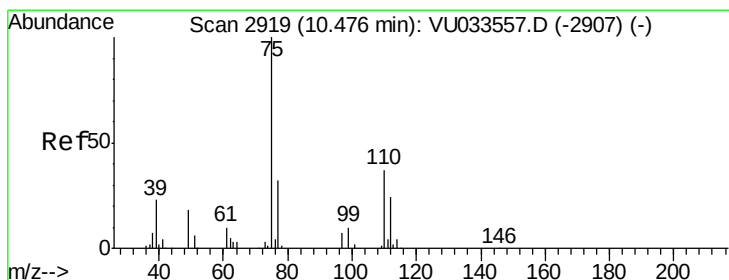
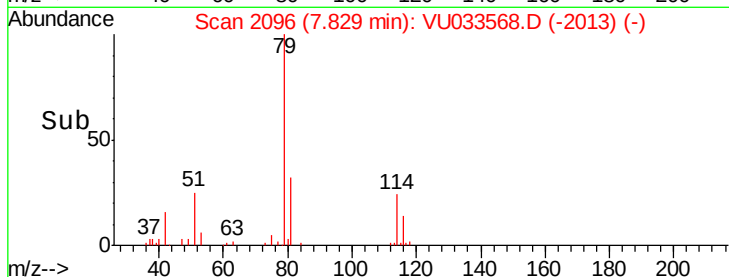
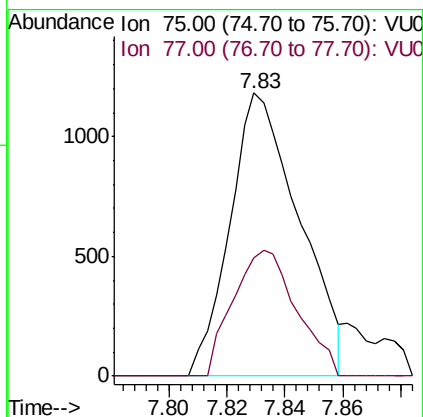
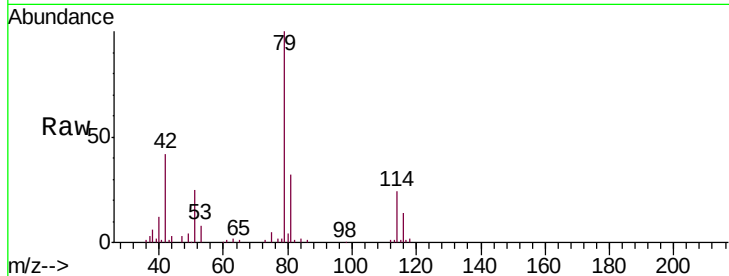
VIBLK41

Tgt Ion: 75 Resp: 1962

Ion Ratio Lower Upper

75 100

77 41.6 22.7 42.1



#59

1,2,3-Trichloropropane

Concen: 5.314 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033568.D

Acq: 02 Aug 2019 14:34

Tgt Ion: 75 Resp: 14438

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.6

