

Data File : VU033567.D
Acq On : 02 Aug 2019 14:09
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Aug 03 00:43:13 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	286919	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282800	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	128078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79064	37.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.80%
7) Chloroethane-d5	1.67	69	86527	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.68%
11) 1,1-Dichloroethene-d2	2.26	63	110521	29.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.38%#
21) 2-Butanone-d5	4.16	46	155349	112.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	4.62	84	163098	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	5.29	65	108194	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
32) Benzene-d6	5.32	84	314921	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
36) 1,2-Dichloropropane-d6	6.31	67	106827	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.55	98	271665	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	7.83	79	48461	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.30	63	108210	103.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	168565	49.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	114704	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds

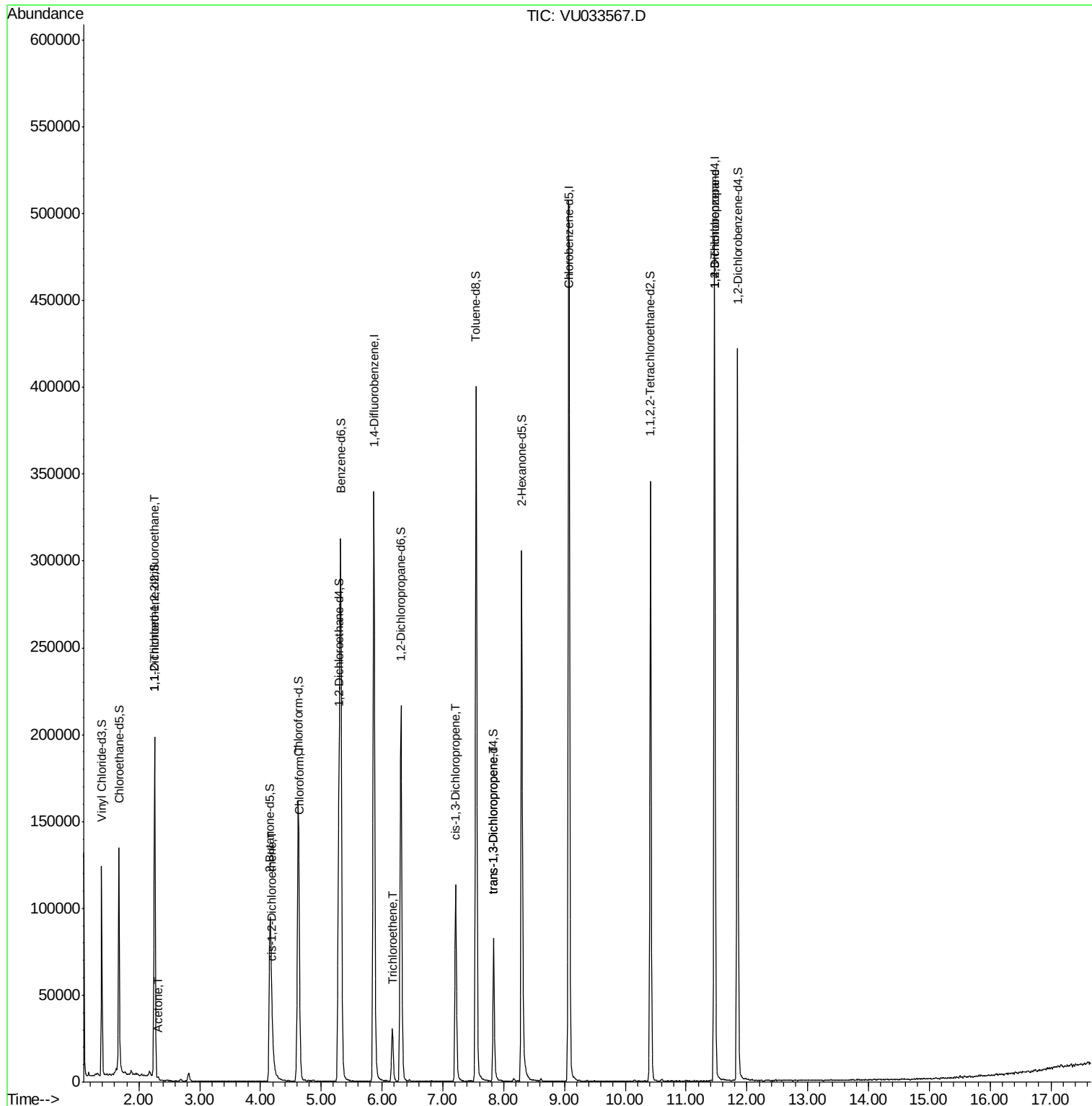
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1106	0.571 ug/L #	19
13) Acetone	2.32	43	824	0.583 ug/L	56
20) cis-1,2-Dichloroethene	4.20	96	4667	2.136 ug/L	99
25) Chloroform	4.64	83	4371	1.137 ug/L	98
34) Trichloroethene	6.17	95	10412	4.838 ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	2785	0.817 ug/L #	61
44) trans-1,3-Dichloropropene	7.83	75	2200	0.714 ug/L	91
59) 1,2,3-Trichloropropane	11.47	75	14843	5.149 ug/L	90

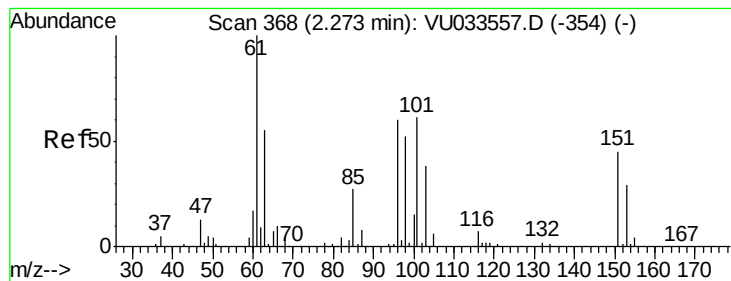
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.571 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033567.D

Acq: 02 Aug 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

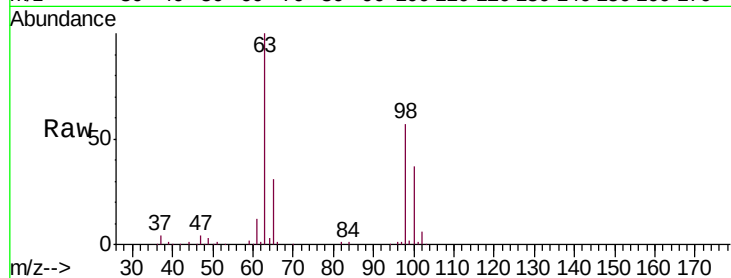
Tgt Ion: 101 Resp: 1106

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

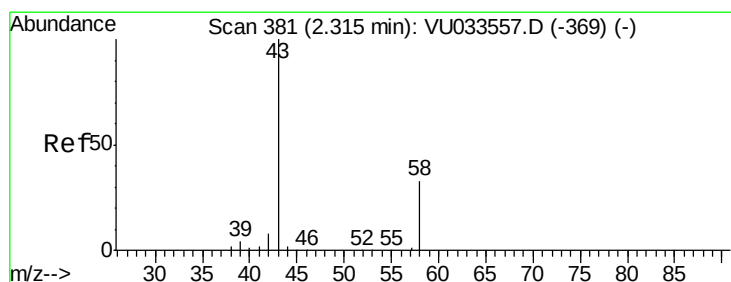
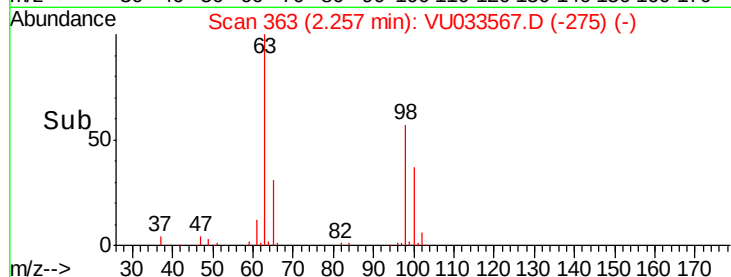
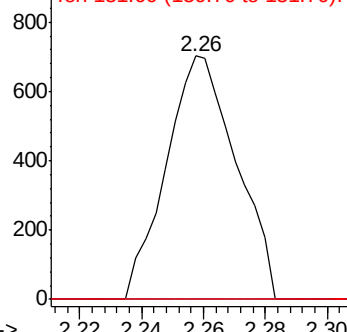
151 0.0 60.1 90.1#



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



#13

Acetone

Concen: 0.583 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU033567.D

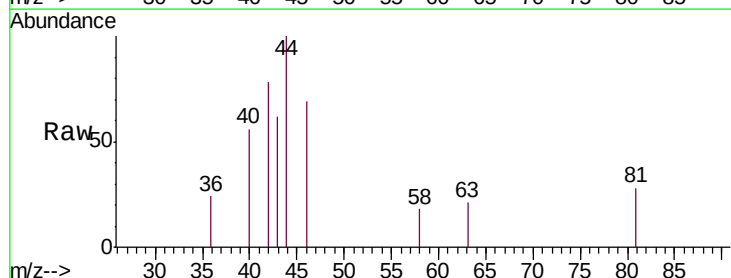
Acq: 02 Aug 2019 14:09

Tgt Ion: 43 Resp: 824

Ion Ratio Lower Upper

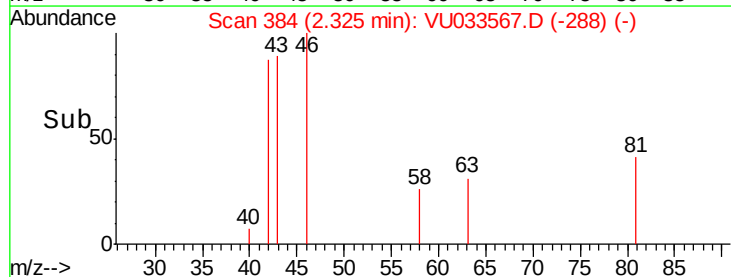
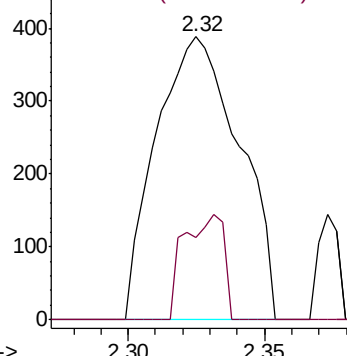
43 100

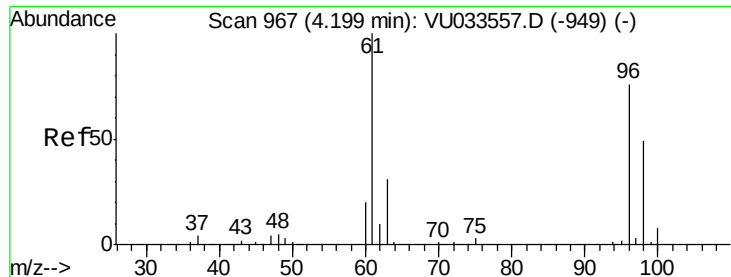
58 8.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

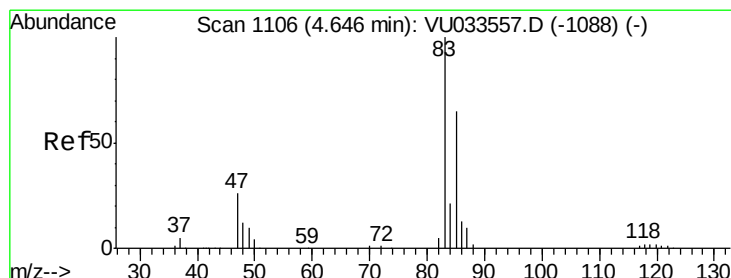
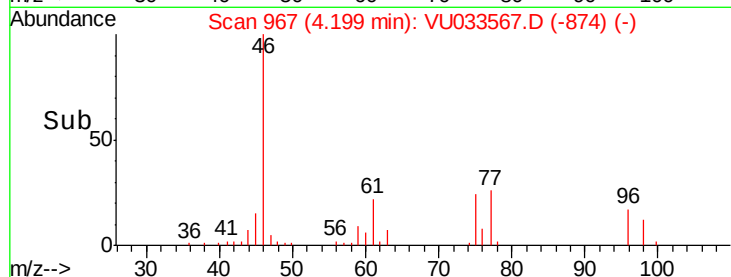
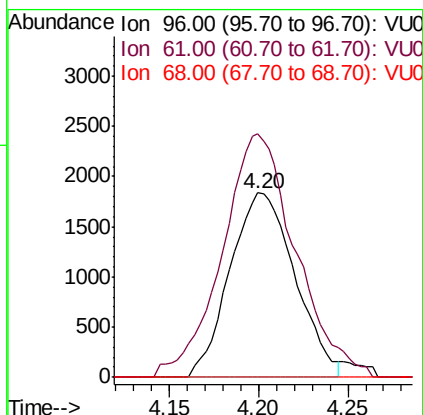
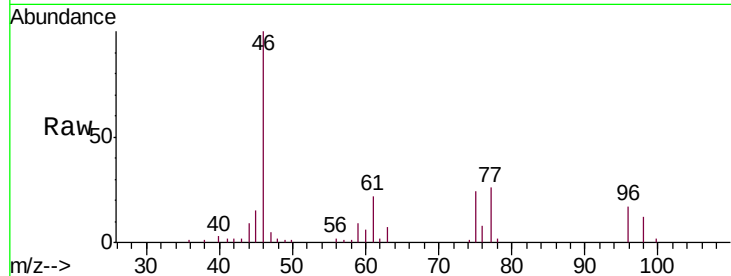




#20
 cis-1,2-Dichloroethene
 Concen: 2.136 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033567.D
 Acq: 02 Aug 2019 14:09

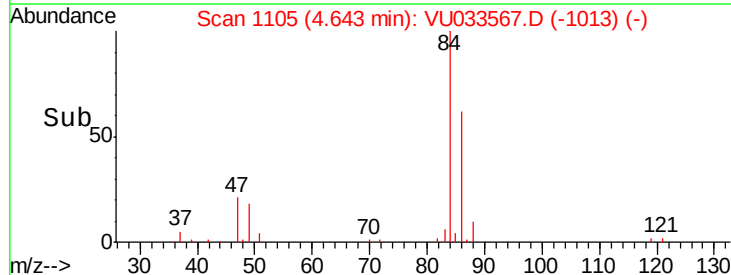
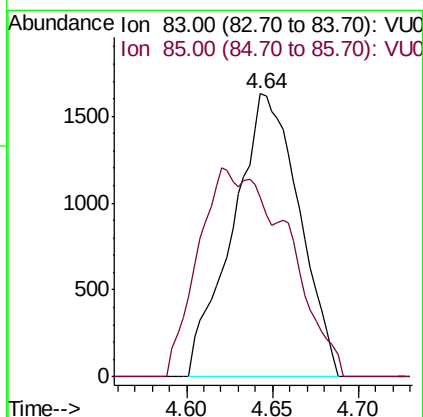
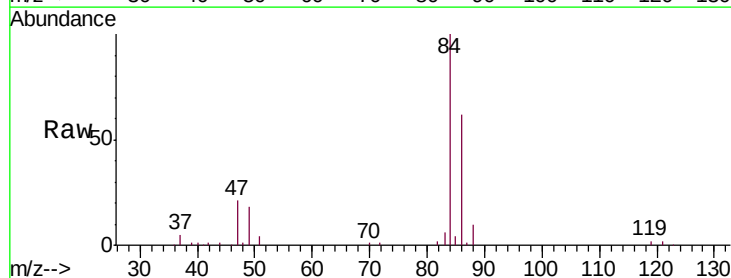
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

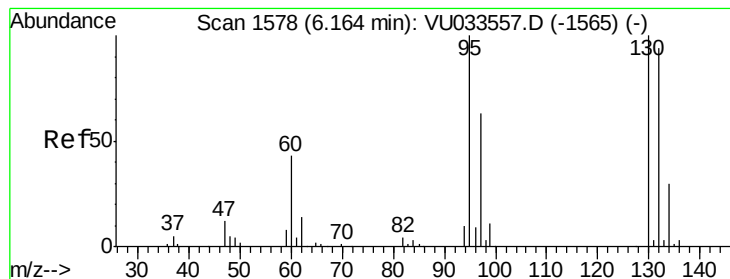
Tgt Ion: 96 Resp: 4667
 Ion Ratio Lower Upper
 96 100
 61 132.1 91.3 169.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.137 ug/L
 RT: 4.64 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: VU033567.D
 Acq: 02 Aug 2019 14:09

Tgt Ion: 83 Resp: 4371
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.6 84.8





#34

Trichloroethene

Concen: 4.838 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033567.D

Acq: 02 Aug 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 95 Resp: 10412

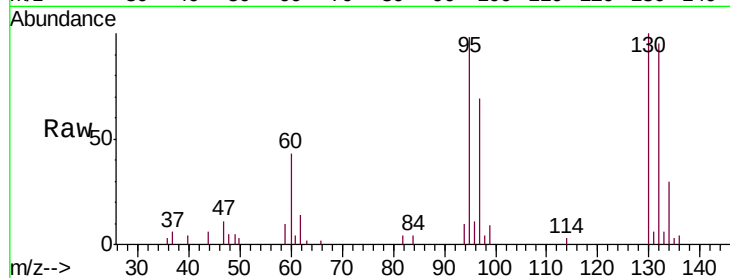
Ion Ratio Lower Upper

95 100

97 70.1 44.7 83.1

132 96.5 66.8 124.0

130 101.6 71.6 133.0

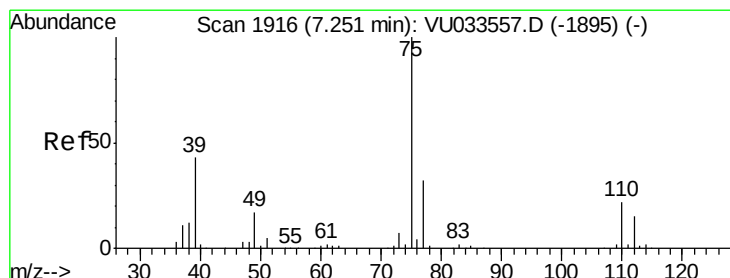
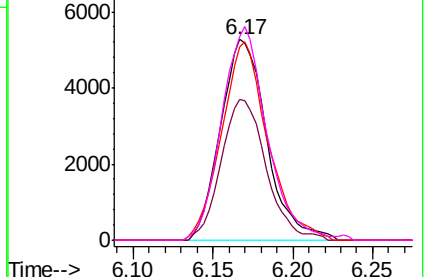
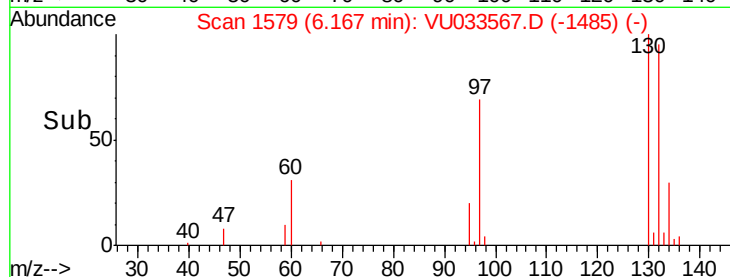


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.817 ug/L

RT: 7.21 min Scan# 1902

Delta R.T. -0.04 min

Lab File: VU033567.D

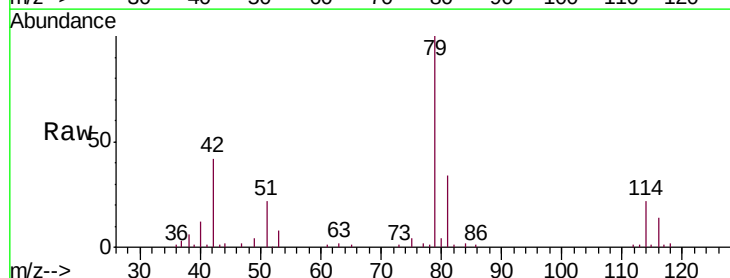
Acq: 02 Aug 2019 14:09

Tgt Ion: 75 Resp: 2785

Ion Ratio Lower Upper

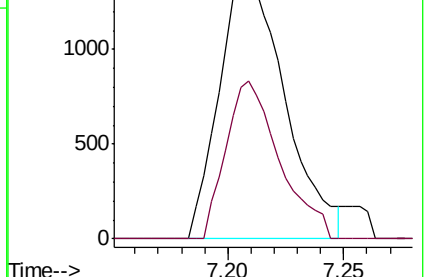
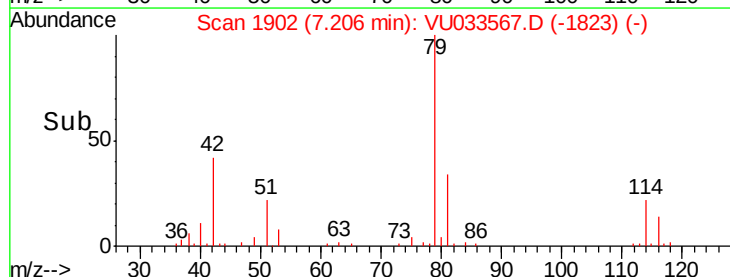
75 100

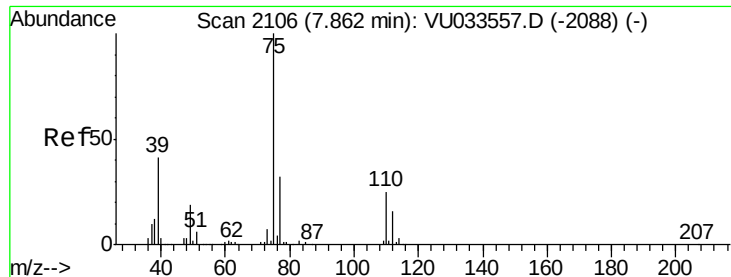
77 53.7 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033567.D

Acq: 02 Aug 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

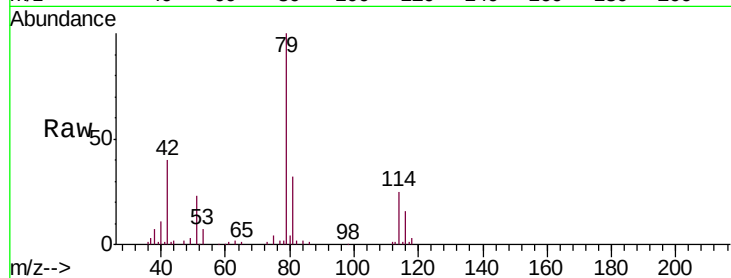
VIBLK40

Tgt Ion: 75 Resp: 2200

Ion Ratio Lower Upper

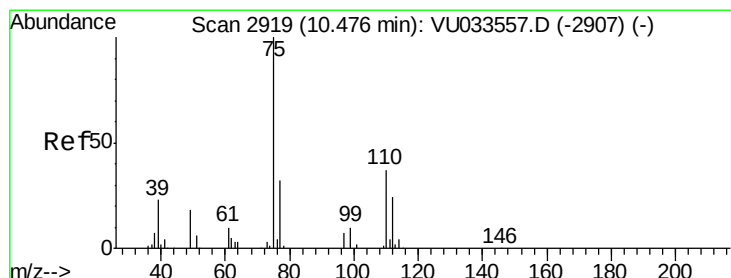
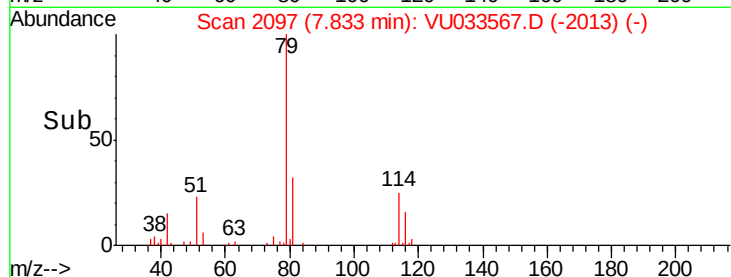
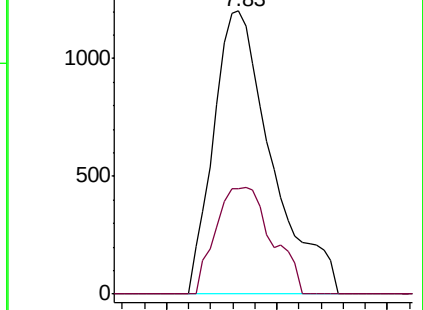
75 100

77 37.3 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU033557.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033557.D (-2088) (-)



#59

1,2,3-Trichloropropane

Concen: 5.149 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033567.D

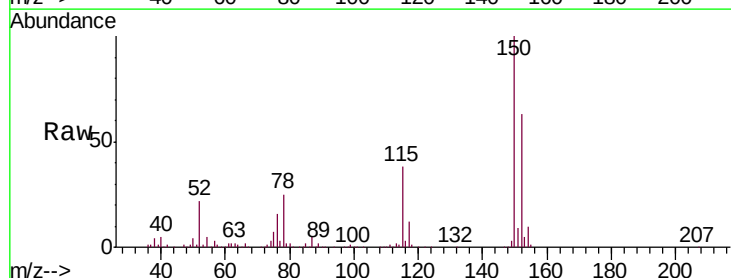
Acq: 02 Aug 2019 14:09

Tgt Ion: 75 Resp: 14843

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU033557.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033557.D (-2907) (-)

