

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
 Data File : VU036357.D
 Acq On : 27 Dec 2019 16:14
 Operator : JC/MD
 Sample : VU1227MBL01
 Misc : 5.00G/5ML/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:10:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 28 00:08:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	525797	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	490117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	211887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188216	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.88%
7) Chloroethane-d5	1.93	69	163159	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.42%
11) 1,1-Dichloroethene-d2	2.54	63	191	0.03	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.68	46	282145	92.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	5.11	84	335574	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.75	65	229911	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.77	84	685700	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
36) 1,2-Dichloropropane-d6	6.73	67	222531	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.93	98	640503	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.21	79	121141	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
47) 2-Hexanone-d5	8.67	63	236565	100.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.23%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	335181	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	12.22	152	224443	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

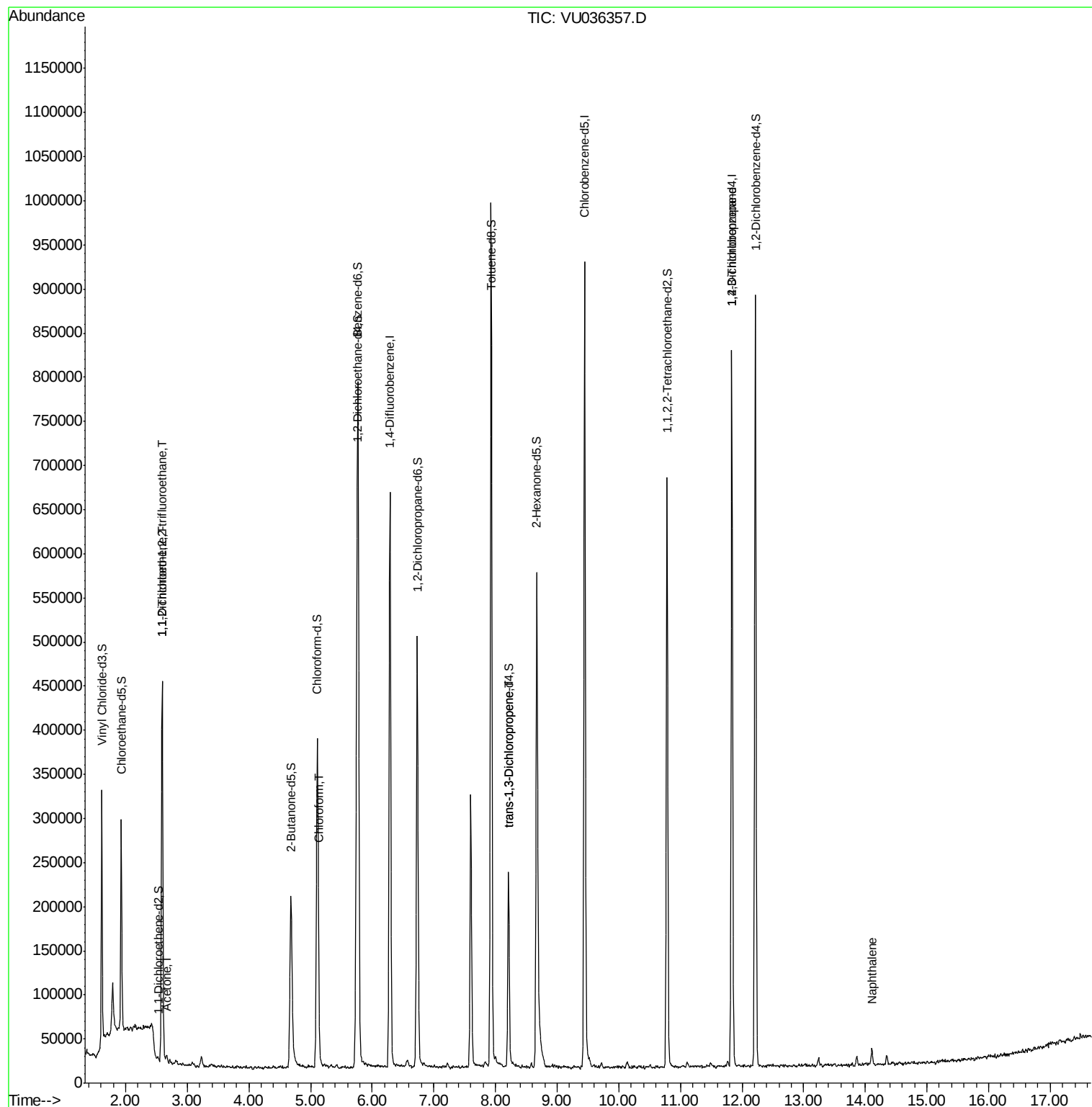
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2832	0.918 ug/L #	24
12) 1,1-Dichloroethene	2.59	96	2372	0.780 ug/L #	1
13) Acetone	2.66	43	8062	2.548 ug/L	96
25) Chloroform	5.14	83	11834	1.687 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	6715	1.104 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	30166	5.515 ug/L	94
69) Naphthalene	14.11	128	11885	1.004 ug/L #	89

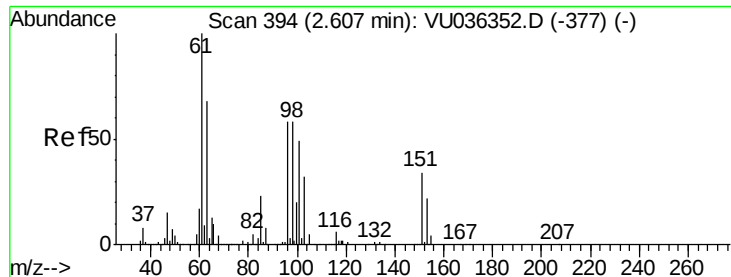
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 28 00:10:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 28 00:08:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.918 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036357.D

Acq: 27 Dec 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

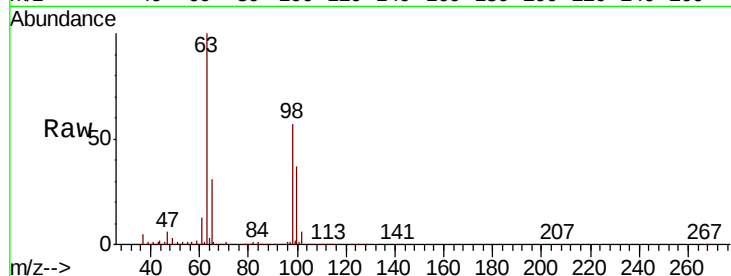
Tot Ion:101 Resp: 2832

Ion Ratio Lower Upper

101 100

85 3.6 37.1 55.7#

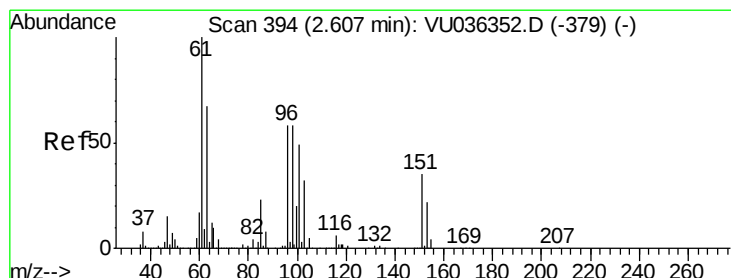
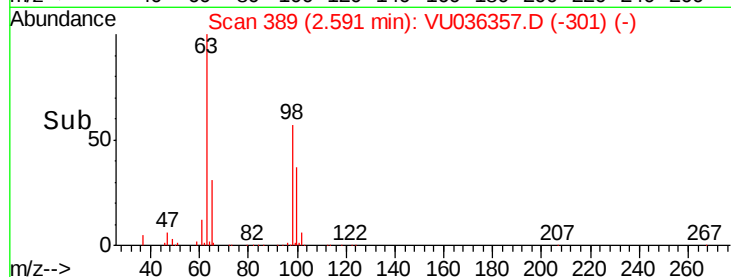
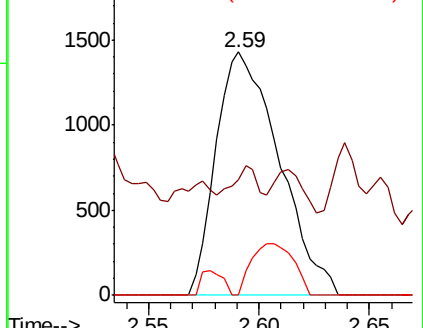
151 0.0 54.3 81.5#



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: 0.780 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036357.D

Acq: 27 Dec 2019 16:14

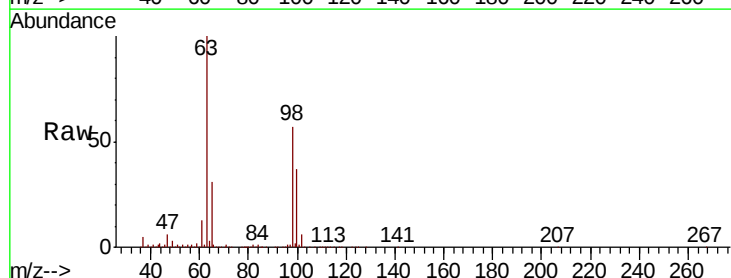
Tgt Ion: 96 Resp: 2372

Ion Ratio Lower Upper

96 100

61 1291.9 120.9 224.5#

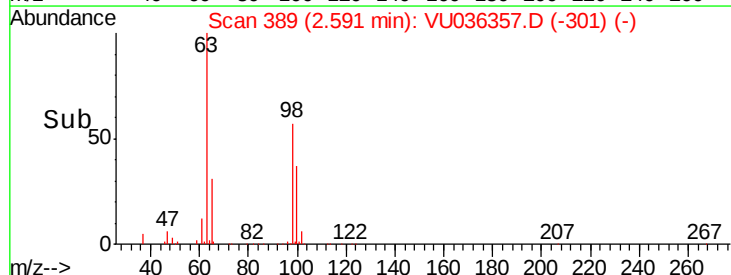
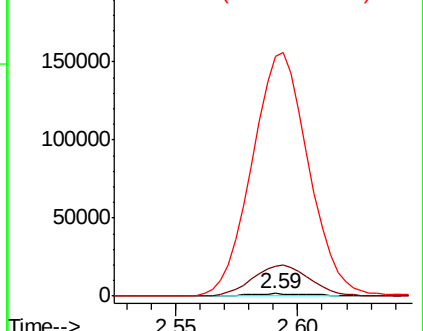
63 10279.3 81.8 152.0#

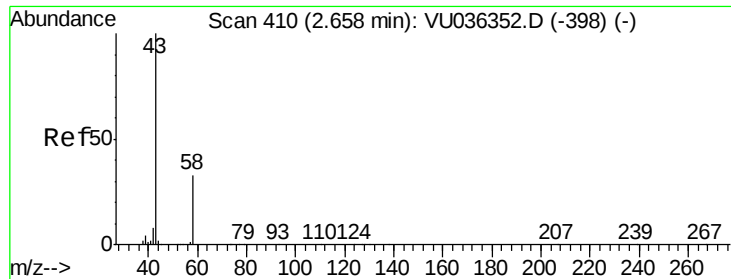


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

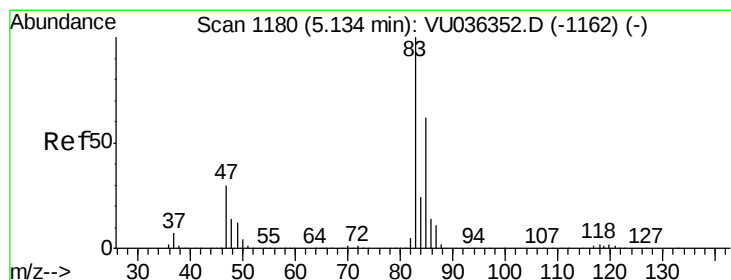
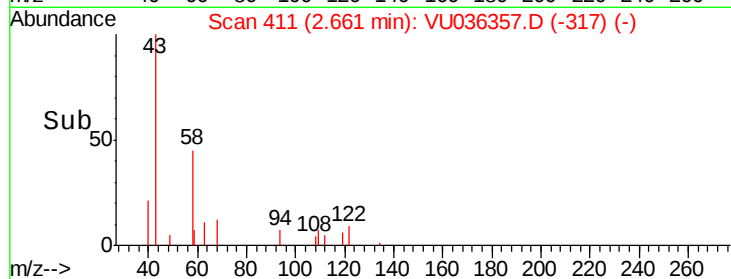
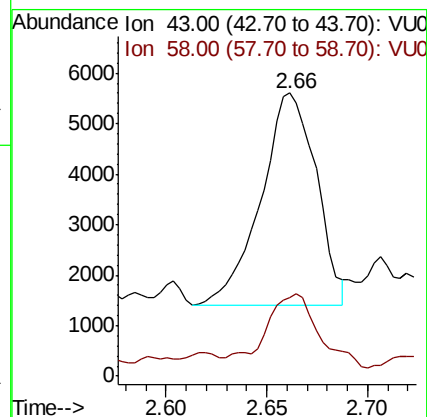
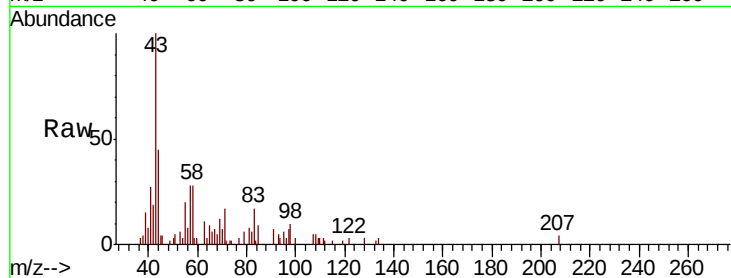




#13
Acetone
Concen: 2.548 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036357.D
Acq: 27 Dec 2019 16:14

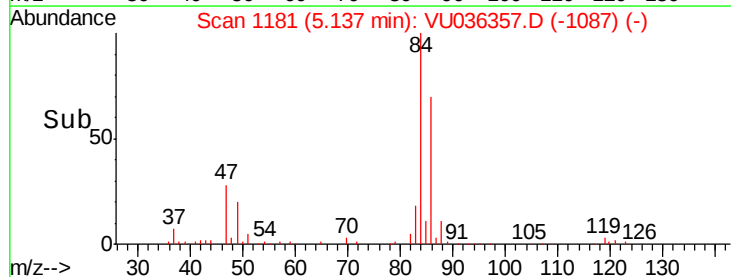
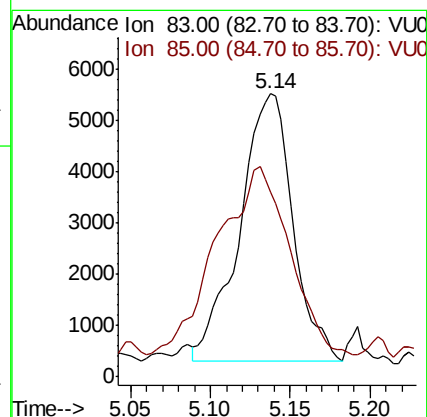
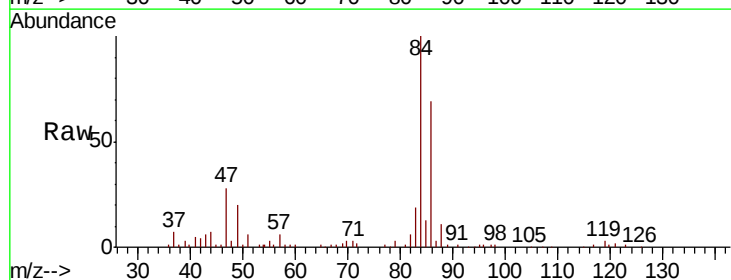
Instrument :
MSVOA_U
ClientSampleId :

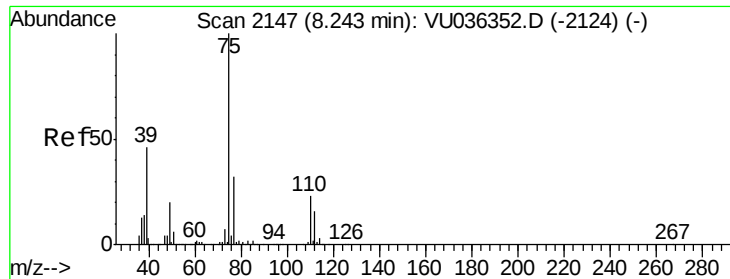
Tot Ion: 43 Resp: 8062
Ion Ratio Lower Upper
43 100
58 30.6 0.0 66.2



#25
Chloroform
Concen: 1.687 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036357.D
Acq: 27 Dec 2019 16:14

Tgt Ion: 83 Resp: 11834
Ion Ratio Lower Upper
83 100
85 65.2 43.9 81.5





#44

trans-1,3-Dichloropropene

Concen: 1.104 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.03 min

Lab File: VU036357.D

Acq: 27 Dec 2019 16:14

Instrument :

MSVOA_U

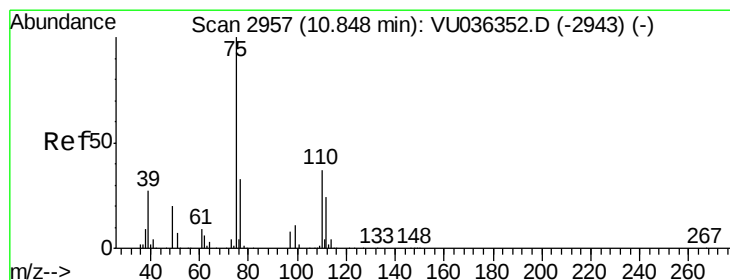
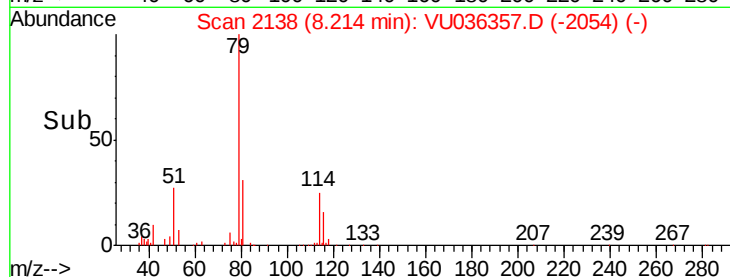
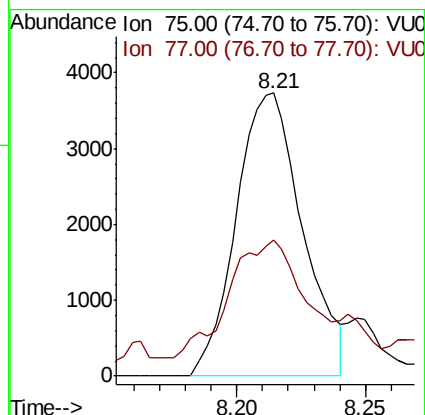
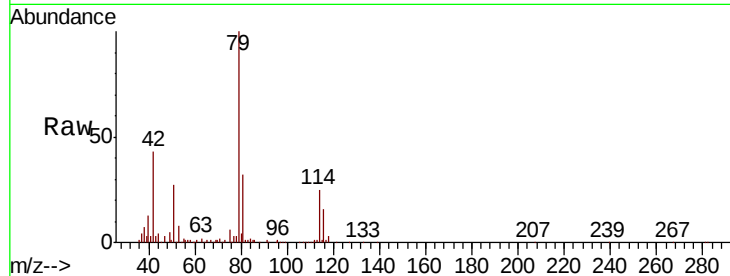
ClientSampleId :

Tot Ion: 75 Resp: 6715

Ion Ratio Lower Upper

75 100

77 48.3 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 5.515 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036357.D

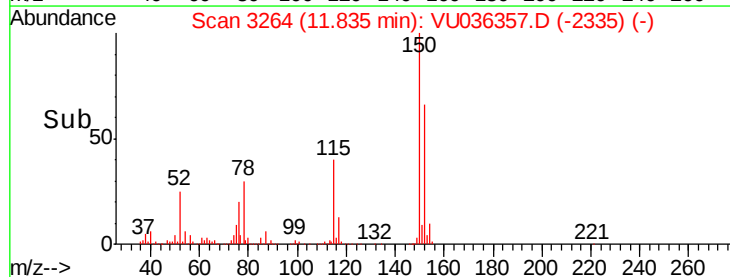
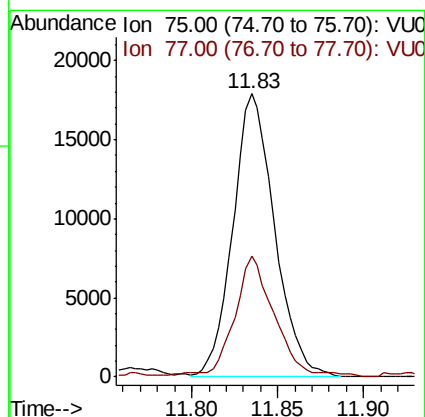
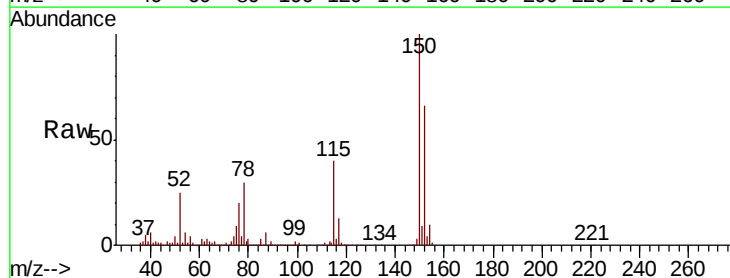
Acq: 27 Dec 2019 16:14

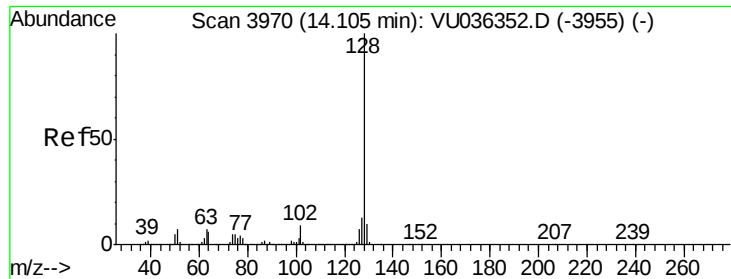
Tgt Ion: 75 Resp: 30166

Ion Ratio Lower Upper

75 100

77 36.2 26.3 39.5





#69

Naphthalene

Concen: 1.004 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. 0.00 min

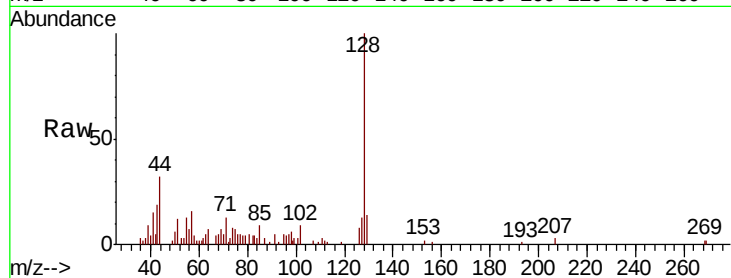
Lab File: VU036357.D

Acq: 27 Dec 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:128 Resp: 11885

Ion Ratio Lower Upper

128 100

127 17.0 10.5 15.7#

129 15.1 8.5 12.7#

