

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036109.D
 Acq On : 11 Dec 2019 02:32
 Operator : JC/MD
 Sample : K6240-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:34:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116066	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.93	69	112936	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	123516	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.70	46	236681	60.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.76%
24) Chloroform-d	5.11	84	188793	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.75	65	98764	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	356586	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.73	67	114795	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.93	98	290140	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.22	79	40954	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.68	63	186598	58.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107411	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	104937	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

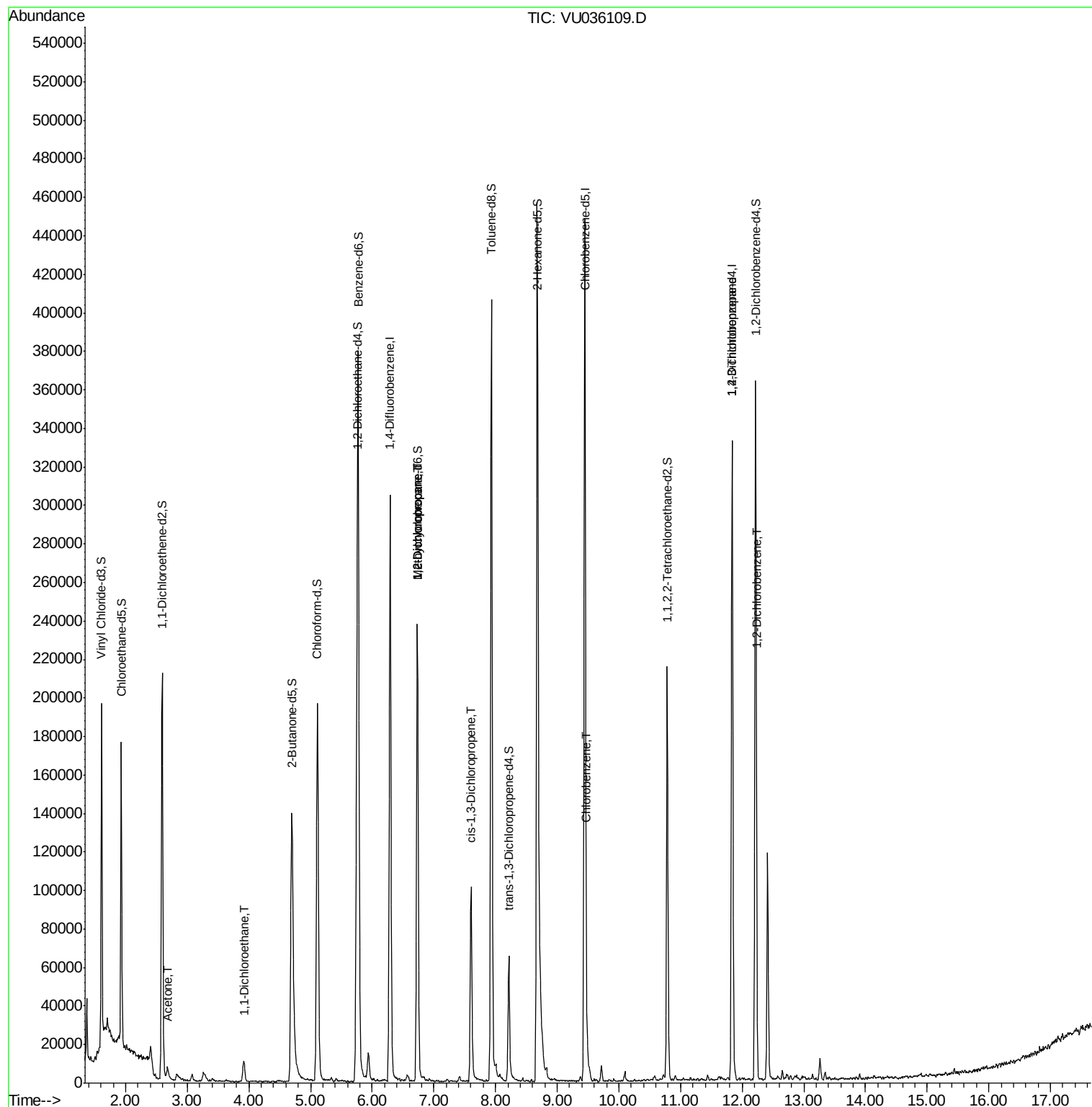
					Ovalue
13) Acetone	2.68	43	8532	1.729 ug/L	99
19) 1,1-Dichloroethane	3.92	63	12599	0.369 ug/L	96
35) Methylcyclohexane	6.73	83	28221	1.040 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11956	0.626 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2737	0.105 ug/L #	9
51) Chlorobenzene	9.48	112	5962	0.105 ug/L	92
59) 1,2,3-Trichloropropane	11.84	75	11589	0.848 ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	6200	0.193 ug/L #	83

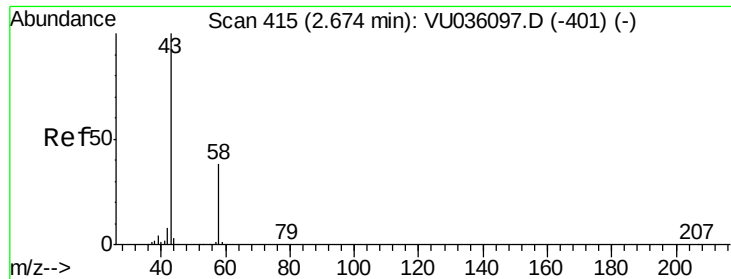
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.729 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036109.D

Acq: 11 Dec 2019 02:32

Instrument :

MSVOA_U

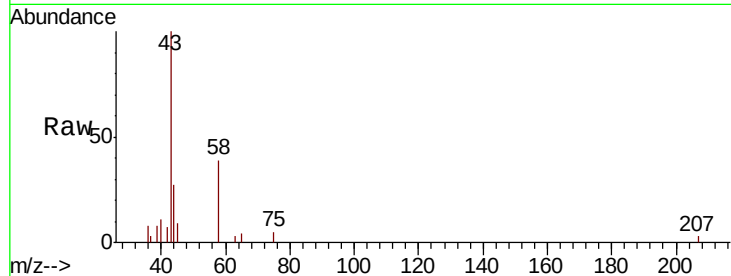
ClientSampleId :

Tot Ion: 43 Resp: 8532

Ion Ratio Lower Upper

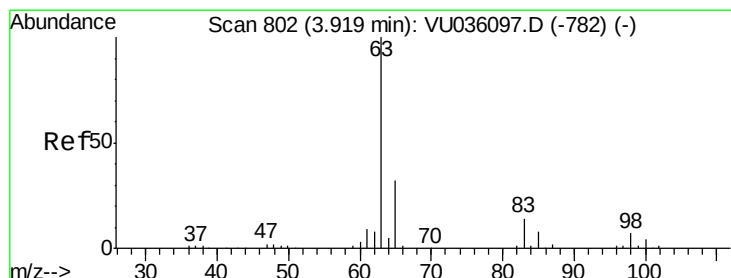
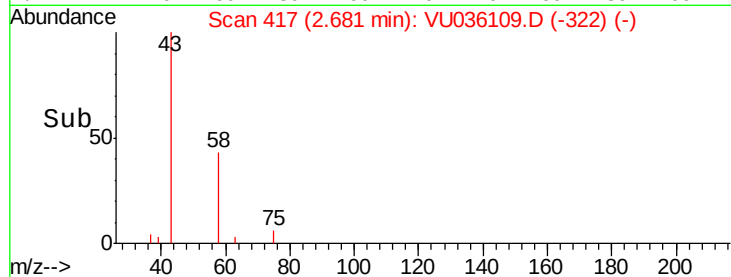
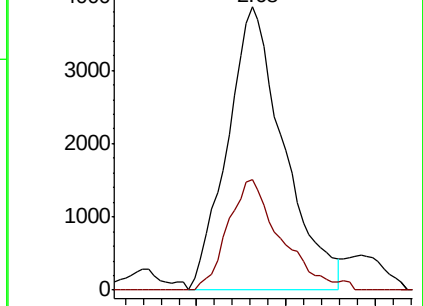
43 100

58 36.7 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036109.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036109.D (-322) (-)



#19

1,1-Dichloroethane

Concen: 0.369 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.00 min

Lab File: VU036109.D

Acq: 11 Dec 2019 02:32

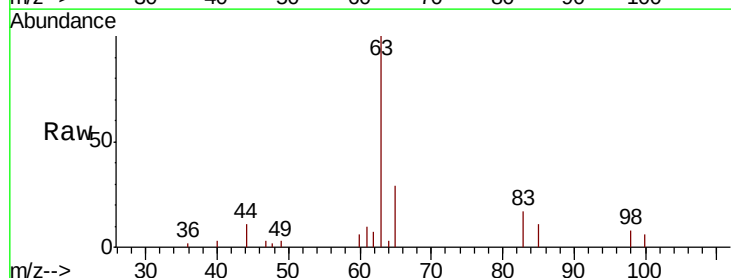
Tgt Ion: 63 Resp: 12599

Ion Ratio Lower Upper

63 100

65 29.4 21.8 40.4

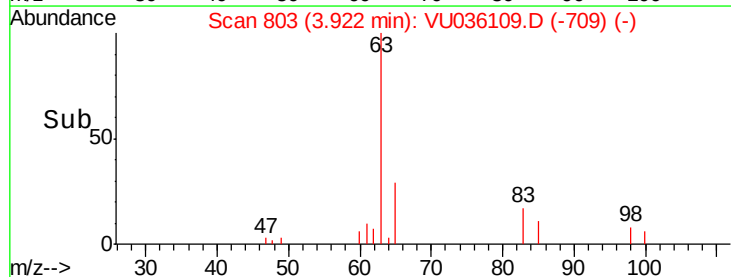
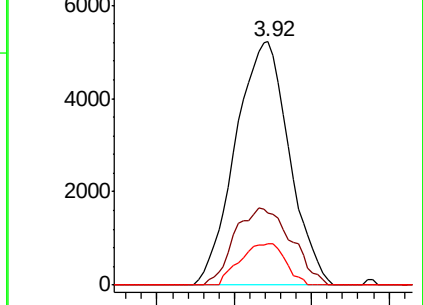
83 17.1 10.1 18.9

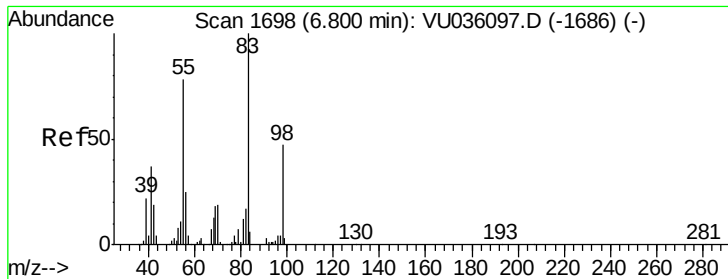


Abundance Ion 63.10 (62.80 to 63.80): VU036109.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU036109.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU036109.D (-709) (-)





#35

Methylcyclohexane

Concen: 1.040 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036109.D

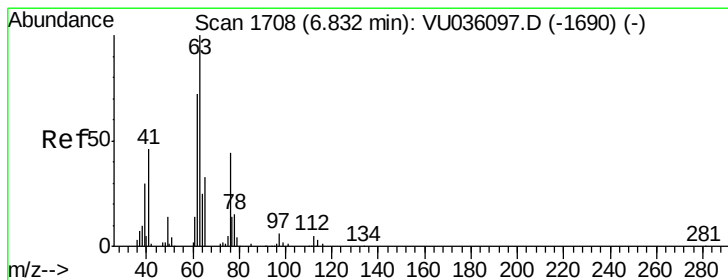
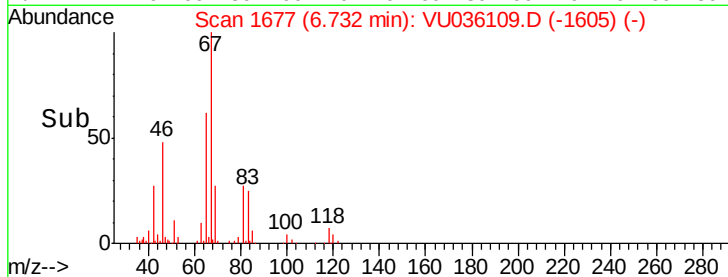
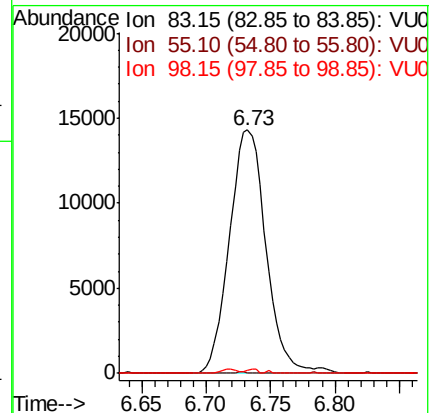
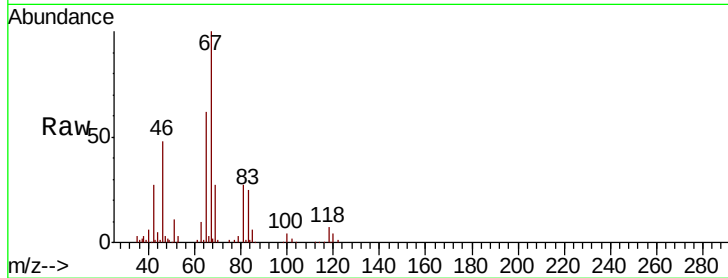
Acq: 11 Dec 2019 02:32

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:	83	Resp:	28221
Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.1	93.1#
98	0.5	37.0	55.4#



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

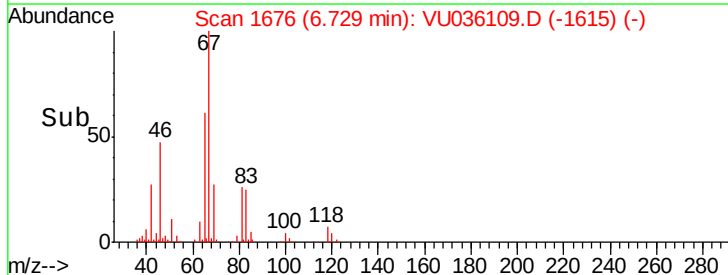
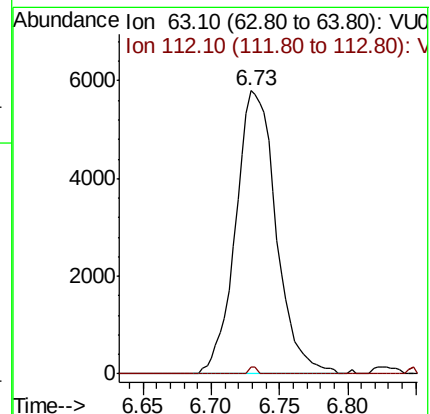
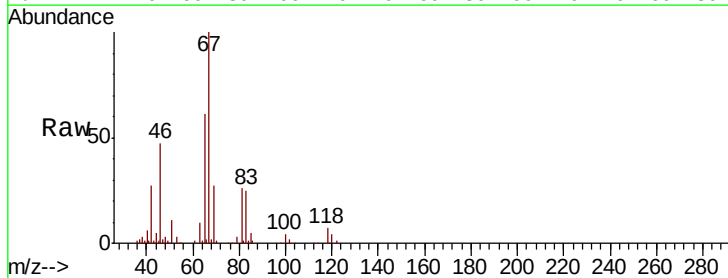
RT: 6.73 min Scan# 1676

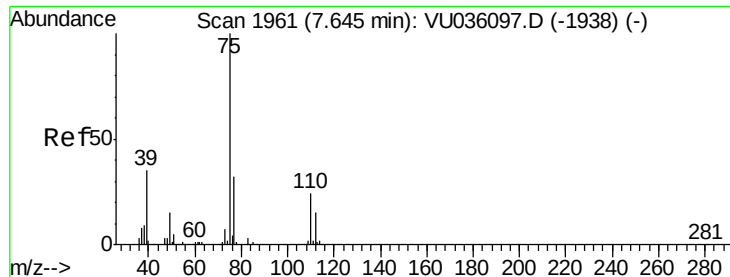
Delta R.T. -0.10 min

Lab File: VU036109.D

Acq: 11 Dec 2019 02:32

Tgt Ion:	63	Resp:	11956
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036109.D

Acq: 11 Dec 2019 02:32

Instrument :

MSVOA_U

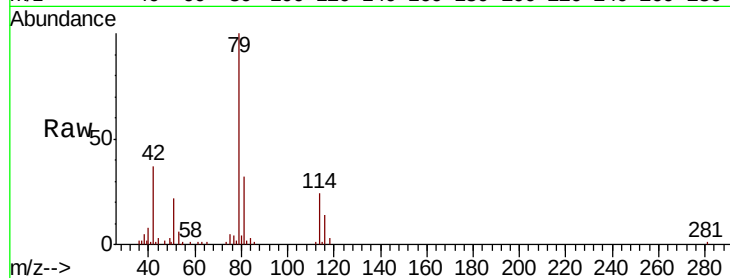
ClientSampleId :

Tot Ion: 75 Resp: 2737

Ion Ratio Lower Upper

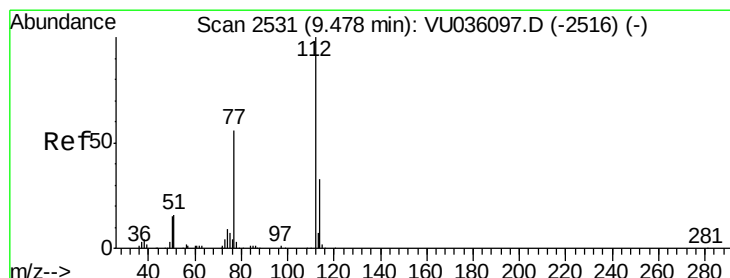
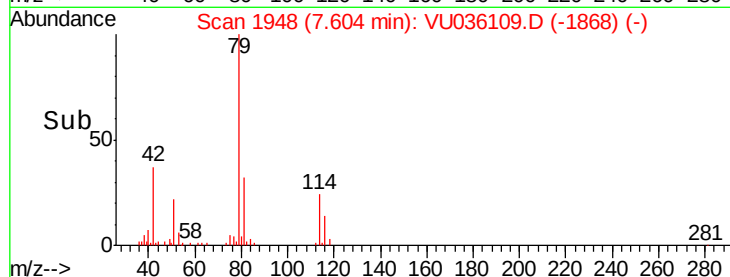
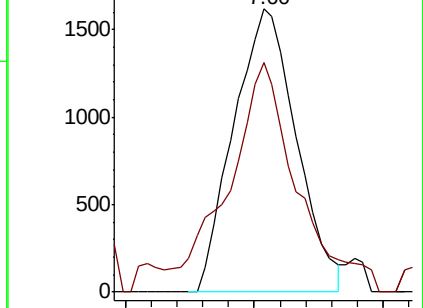
75 100

77 81.0 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU036109.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU036109.D (-1938) (-)



#51

Chlorobenzene

Concen: 0.105 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. 0.00 min

Lab File: VU036109.D

Acq: 11 Dec 2019 02:32

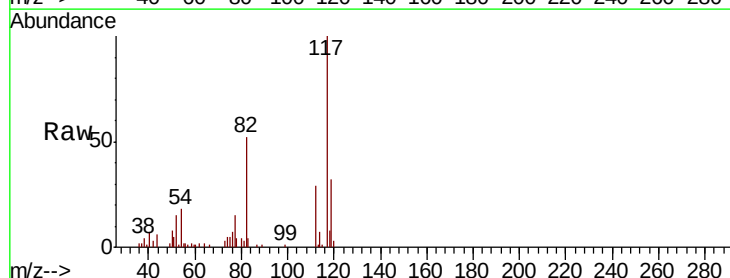
Tgt Ion: 112 Resp: 5962

Ion Ratio Lower Upper

112 100

114 25.3 22.3 41.5

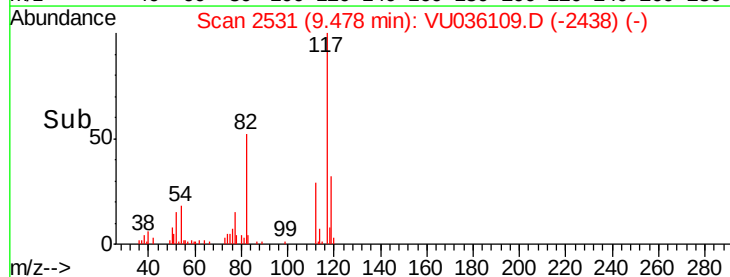
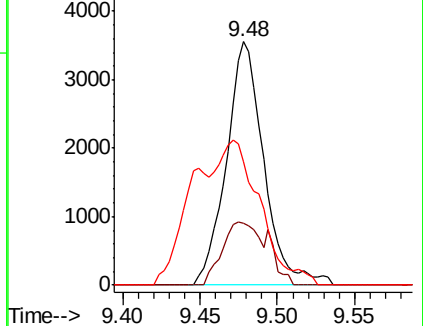
77 50.6 43.8 65.8

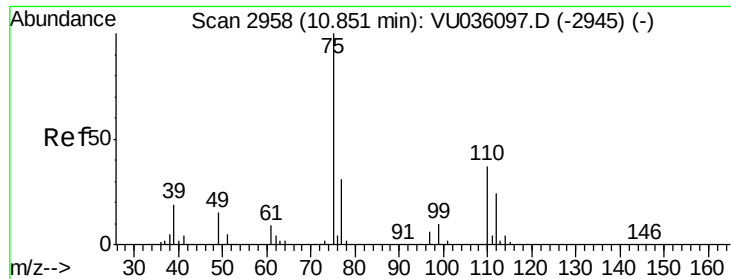


Abundance Ion 112.10 (111.80 to 112.80): VU036109.D (-2516) (-)

Ion 114.05 (113.75 to 114.75): VU036109.D (-2516) (-)

Ion 77.10 (76.80 to 77.80): VU036109.D (-2516) (-)

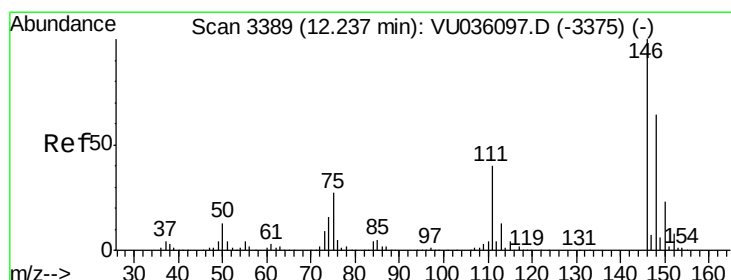
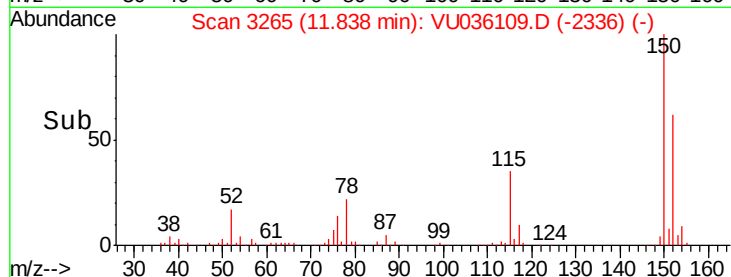
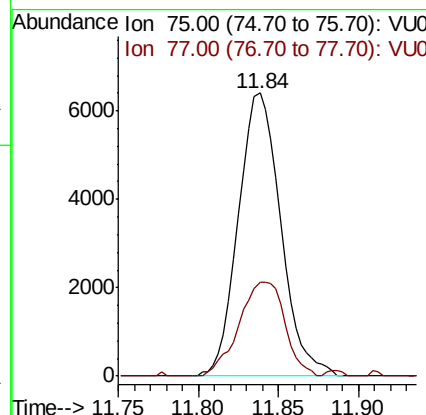
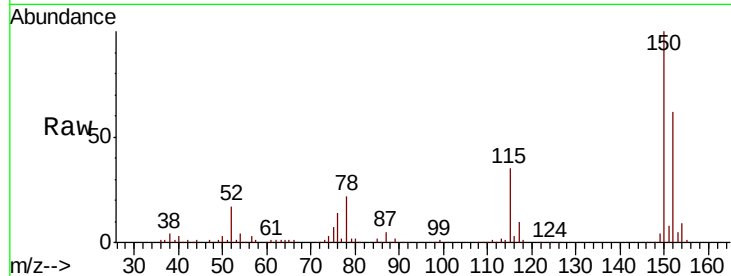




#59
 1,2,3-Trichloropropane
 Concen: 0.848 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036109.D
 Acq: 11 Dec 2019 02:32

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 11589
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.7 40.1



#65
 1,2-Dichlorobenzene
 Concen: 0.193 ug/L
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU036109.D
 Acq: 11 Dec 2019 02:32

Tgt Ion: 146 Resp: 6200
 Ion Ratio Lower Upper
 146 100
 111 49.4 31.3 46.9#
 148 76.2 50.5 75.7#

