

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036104.D
 Acq On : 11 Dec 2019 00:29
 Operator : JC/MD
 Sample : K6214-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:34:02 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	273985	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	310304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115686	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	105324	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.59	63	124385	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.70	46	235121	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	5.11	84	185345	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	100915	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.77	84	357232	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.73	67	113148	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	284502	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.21	79	42645	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.68	63	184210	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	105090	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	99897	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

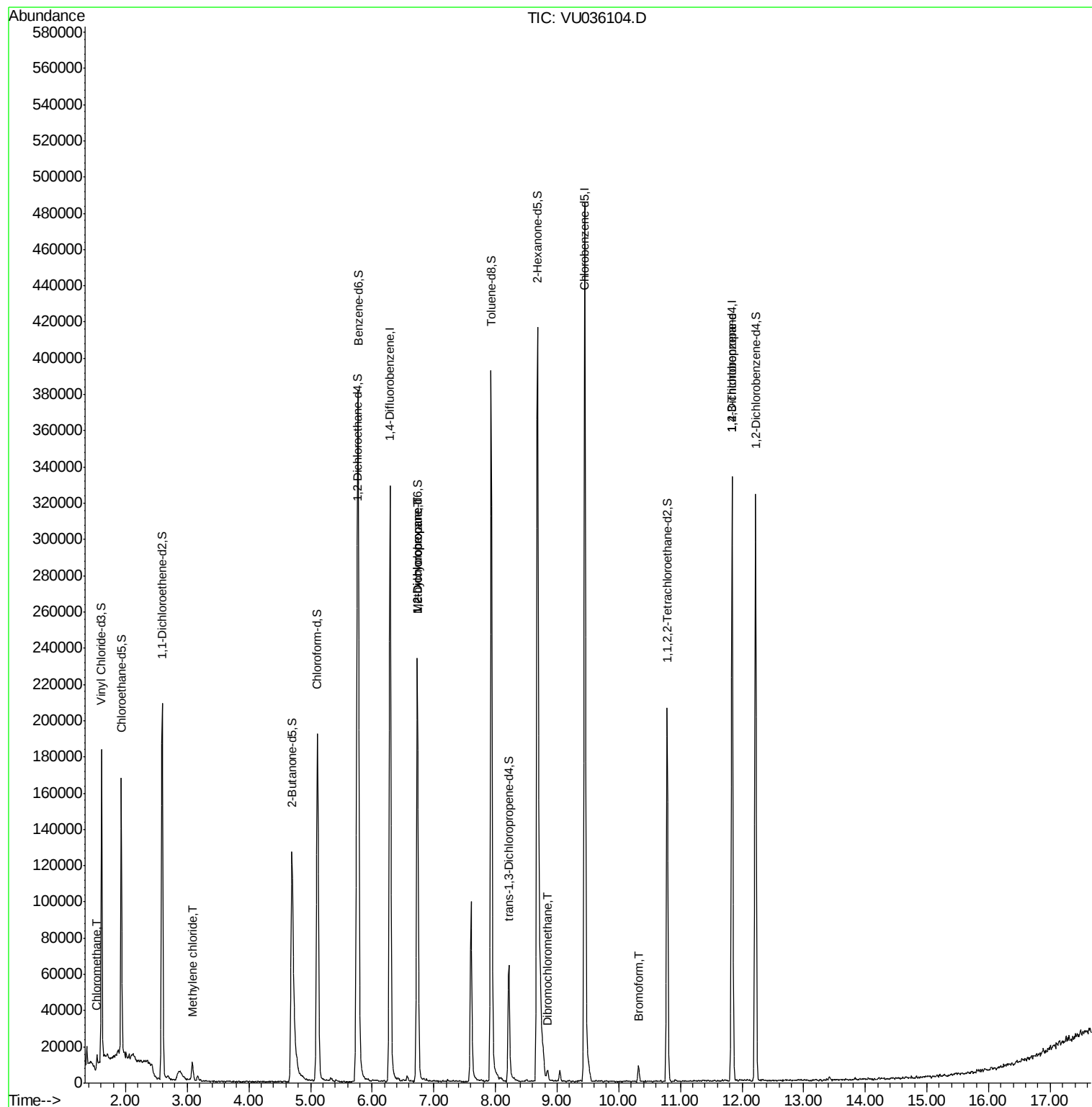
					Ovalue
3) Chloromethane	1.53	50	4500	0.171 ug/L	97
16) Methylene chloride	3.09	84	5038	0.182 ug/L	91
35) Methylcyclohexane	6.73	83	26907	0.891 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11808	0.555 ug/L #	86
49) Dibromochloromethane	8.84	129	3335	0.150 ug/L	95
59) 1,2,3-Trichloropropane	11.84	75	10836	0.713 ug/L #	81
61) Bromoform	10.32	173	4219	0.411 ug/L	93

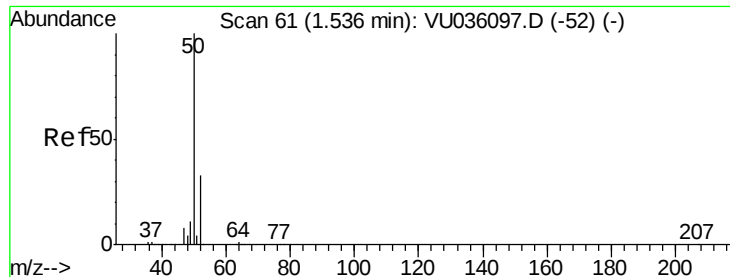
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.171 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036104.D

Acq: 11 Dec 2019 00:29

Instrument :

MSVOA_U

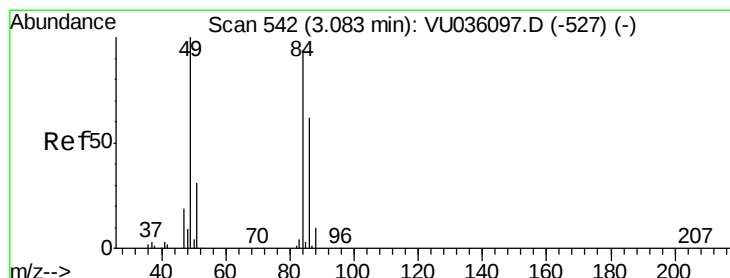
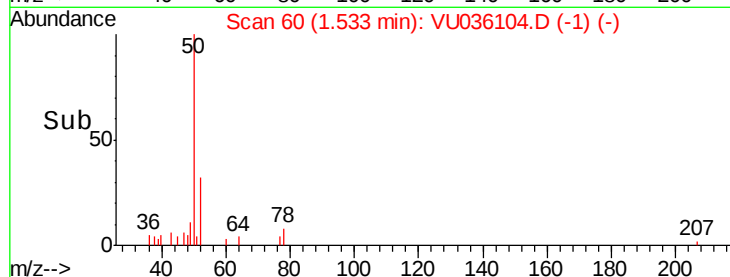
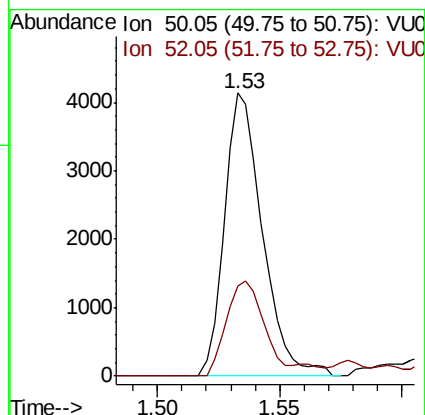
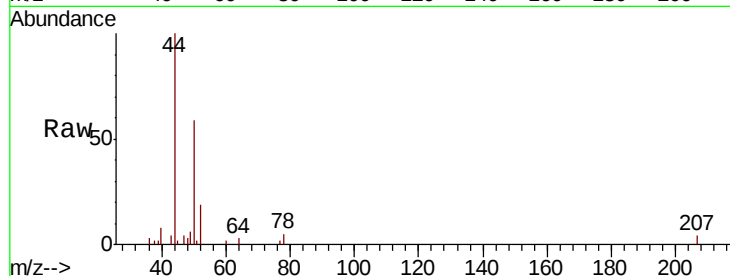
ClientSampleId :

Tot Ion: 50 Resp: 4500

Ion Ratio Lower Upper

50 100

52 31.7 23.6 43.8



#16

Methylene chloride

Concen: 0.182 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU036104.D

Acq: 11 Dec 2019 00:29

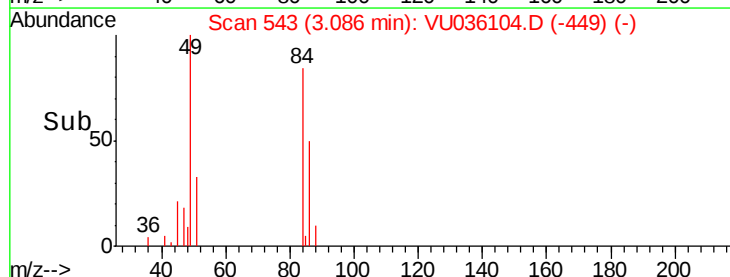
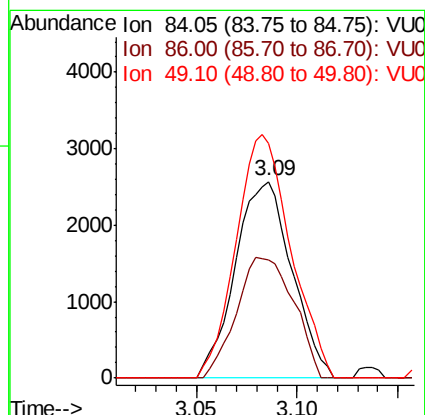
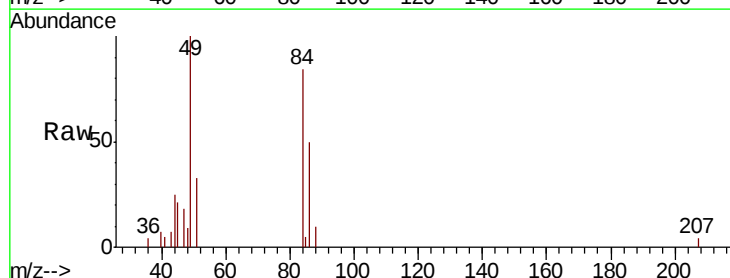
Tgt Ion: 84 Resp: 5038

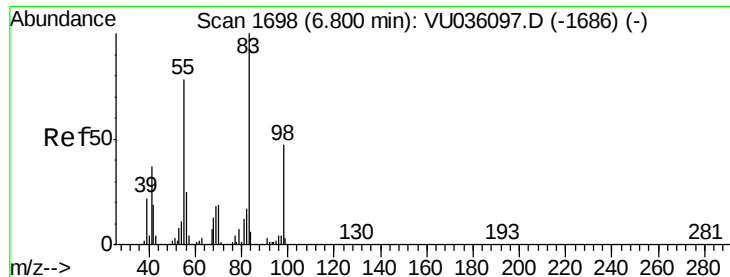
Ion Ratio Lower Upper

84 100

86 59.9 47.5 88.3

49 119.3 76.9 142.9

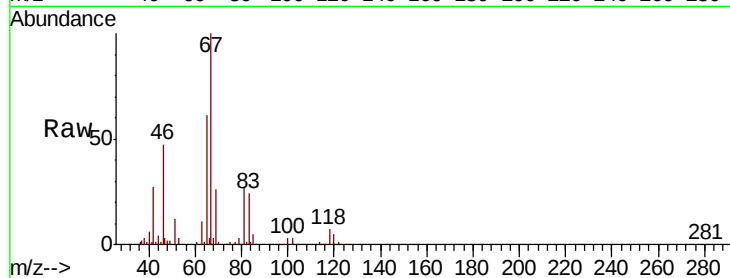




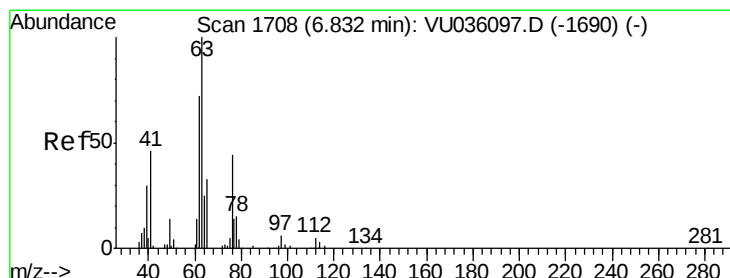
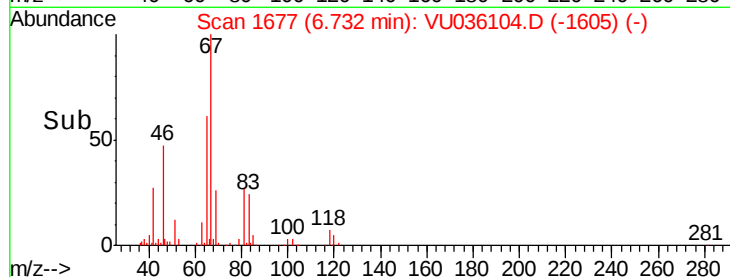
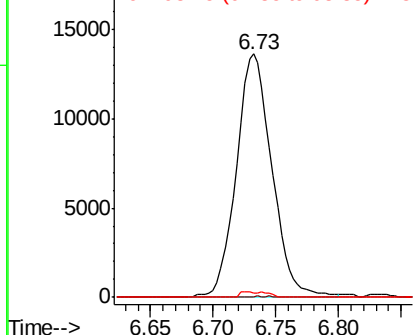
#35
Methvlcvclohexane
Concen: 0.891 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036104.D
Acq: 11 Dec 2019 00:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26907
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 0.8 37.0 55.4#

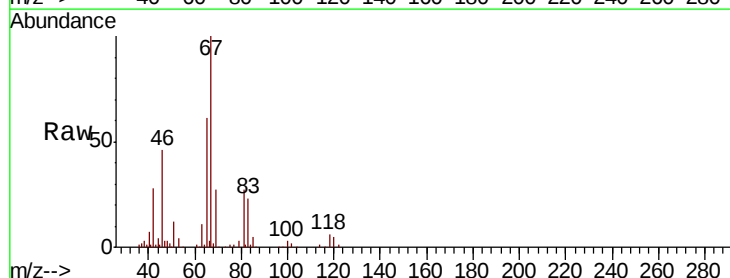


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

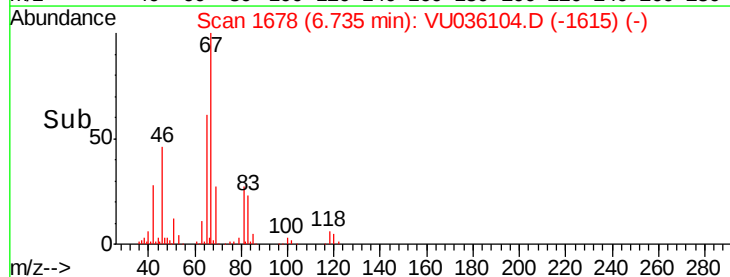
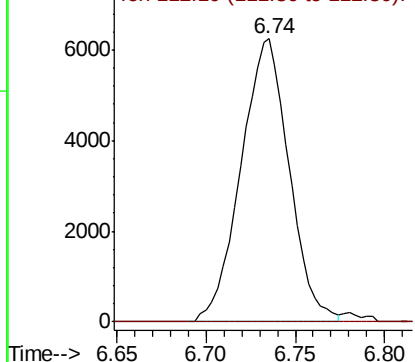


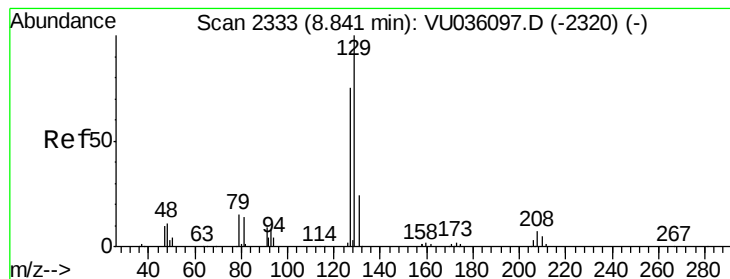
#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU036104.D
Acq: 11 Dec 2019 00:29

Tgt Ion: 63 Resp: 11808
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#49

Dibromochloromethane

Concen: 0.150 ug/L

RT: 8.84 min Scan# 2334

Delta R.T. 0.00 min

Lab File: VU036104.D

Acq: 11 Dec 2019 00:29

Instrument :

MSVOA_U

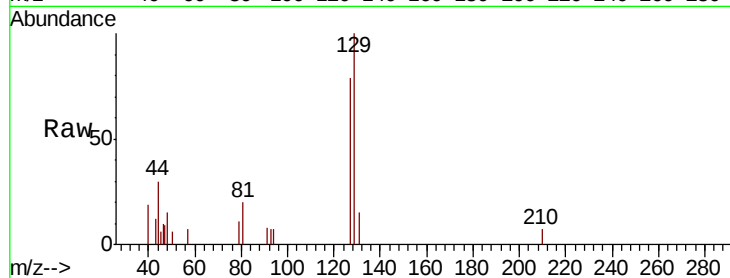
ClientSampleId :

Tot Ion:129 Resp: 3335

Ion Ratio Lower Upper

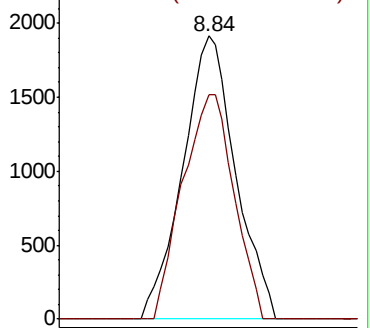
129 100

127 79.5 52.5 97.5

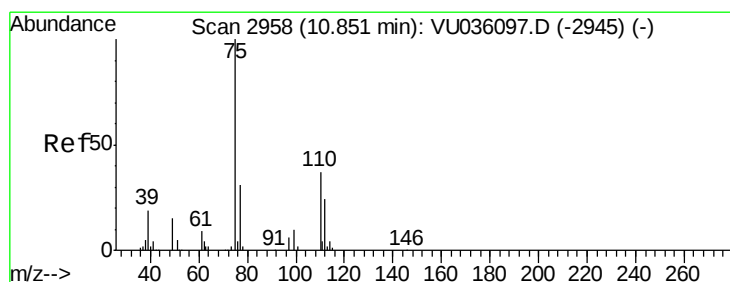
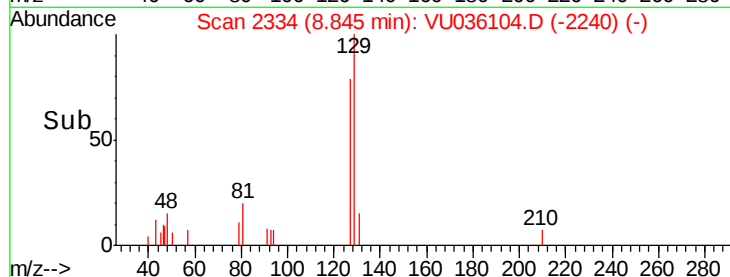


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.713 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036104.D

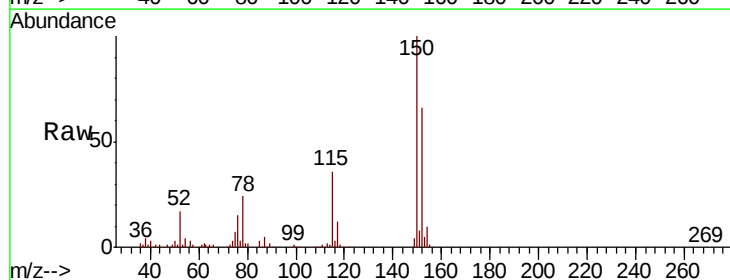
Acq: 11 Dec 2019 00:29

Tgt Ion: 75 Resp: 10836

Ion Ratio Lower Upper

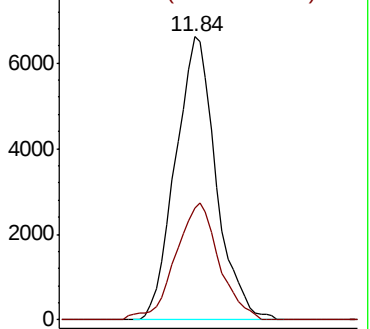
75 100

77 44.3 26.7 40.1#

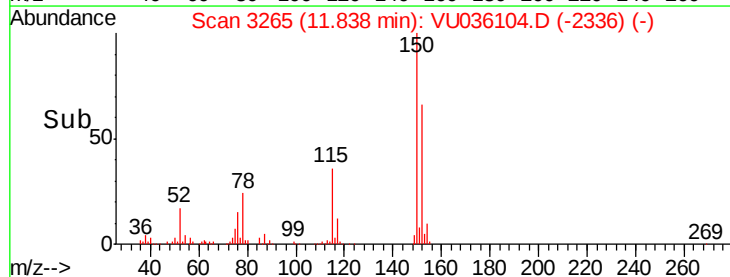


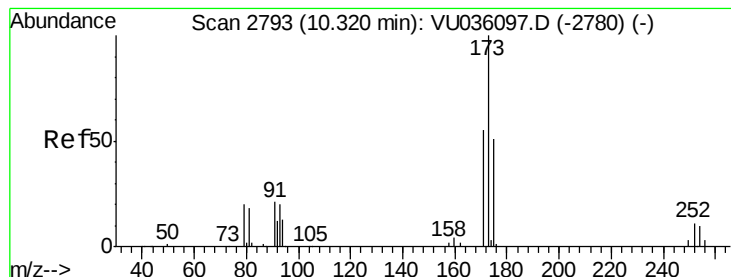
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->





#61

Bromoform

Concen: 0.411 ug/L

RT: 10.32 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VU036104.D

Acq: 11 Dec 2019 00:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:173 Resp: 4219

Ion Ratio Lower Upper

173 100

175 43.7 39.4 59.0

254 10.6 8.1 12.1

