

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036105.D
 Acq On : 11 Dec 2019 00:53
 Operator : JC/MD
 Sample : K6214-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:34:09 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	259345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287556	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	96052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116398	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	109056	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	126707	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.70	46	250209	63.52	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.04%
24) Chloroform-d	5.11	84	190980	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	100811	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	363820	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.73	67	115747	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.93	98	285696	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	41092	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.68	63	187816	56.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106964	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	97975	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

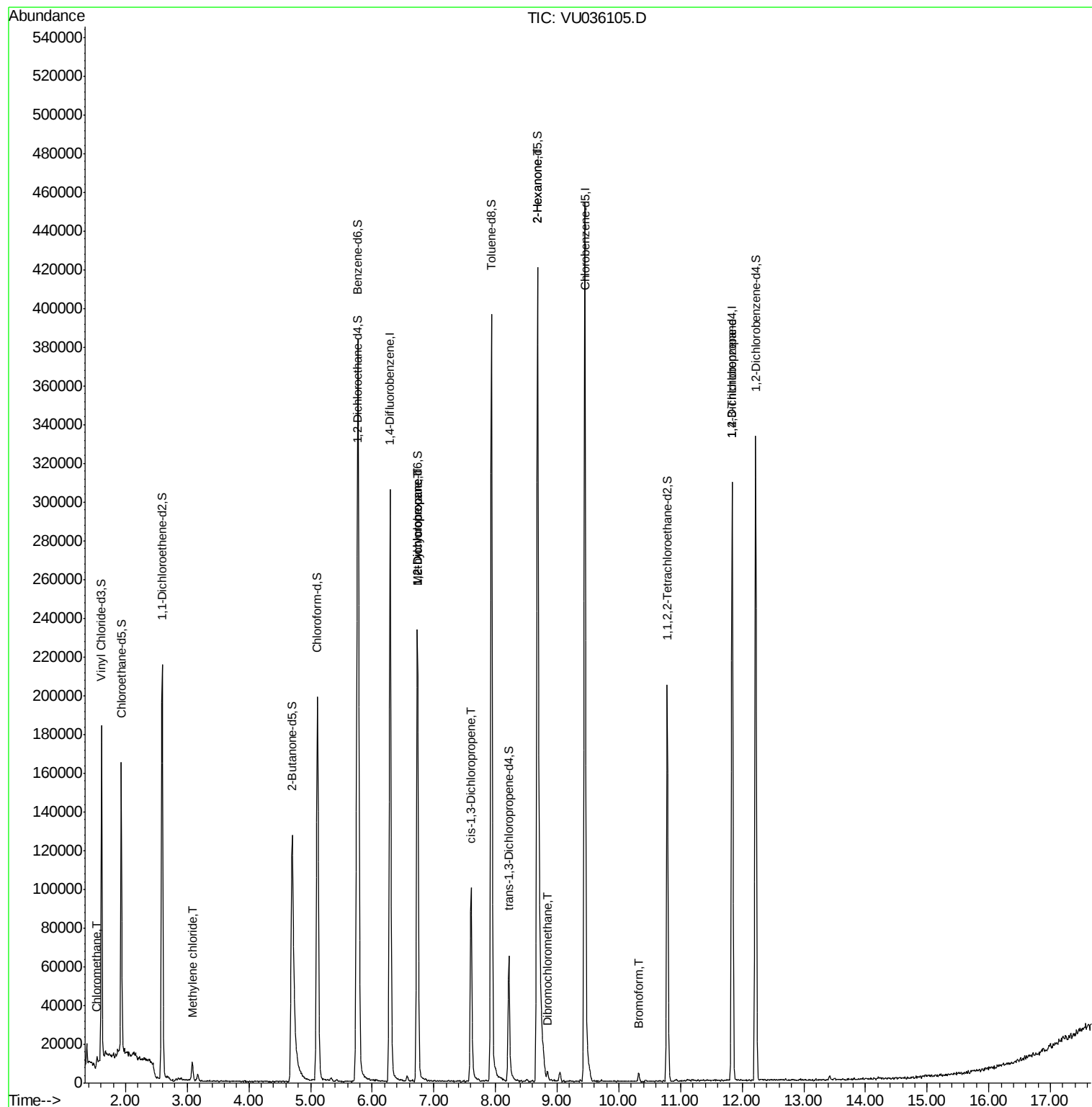
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	3233	0.130	ug/L	94
16) Methylene chloride	3.08	84	5037	0.192	ug/L #	85
35) Methylcyclohexane	6.73	83	26394	0.943	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12269	0.622	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	1887	0.070	ug/L #	32
48) 2-Hexanone	8.68	43	22103	2.992	ug/L #	71
49) Dibromochloromethane	8.85	129	2018	0.098	ug/L	91
59) 1,2,3-Trichloropropane	11.84	75	9912	0.703	ug/L #	86
61) Bromoform	10.32	173	1986	0.208	ug/L #	80

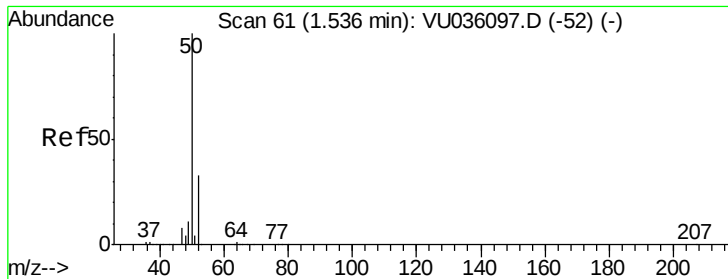
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036105.D

Acq: 11 Dec 2019 00:53

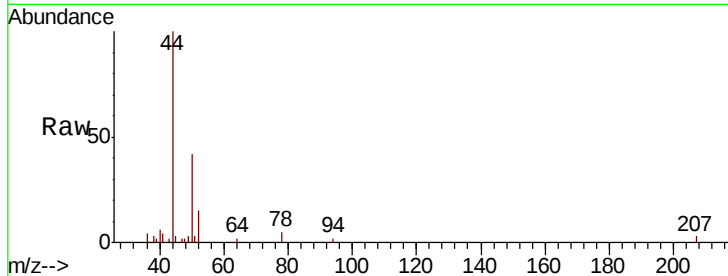
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 3233

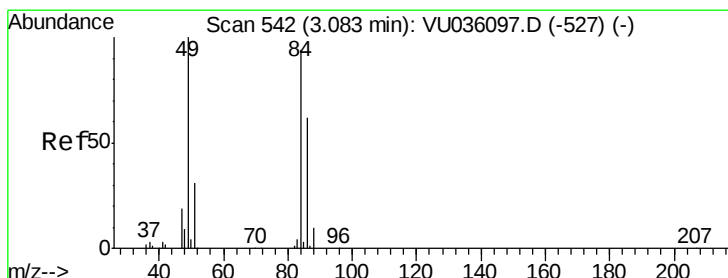
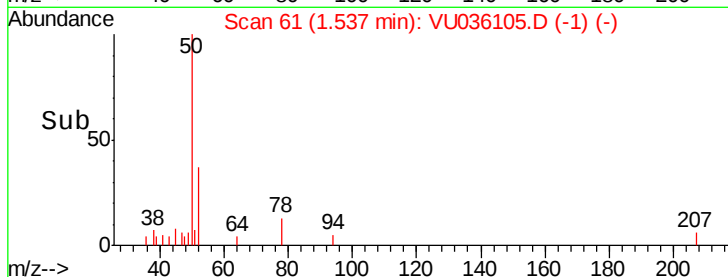
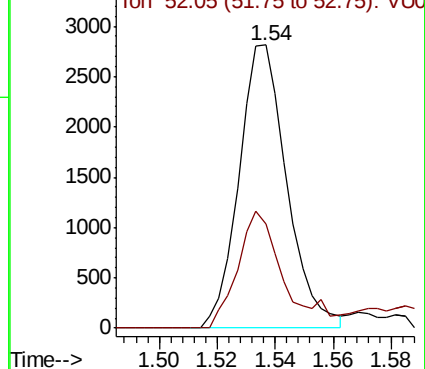
Ion Ratio Lower Upper

50 100

52 36.9 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036097.D (-52) (-)



#16

Methylene chloride

Concen: 0.192 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036105.D

Acq: 11 Dec 2019 00:53

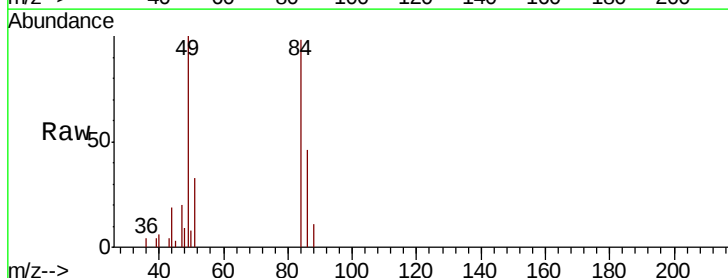
Tgt Ion: 84 Resp: 5037

Ion Ratio Lower Upper

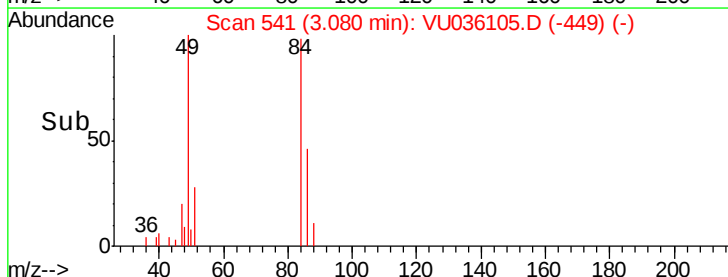
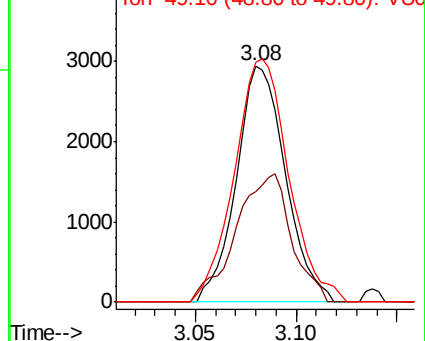
84 100

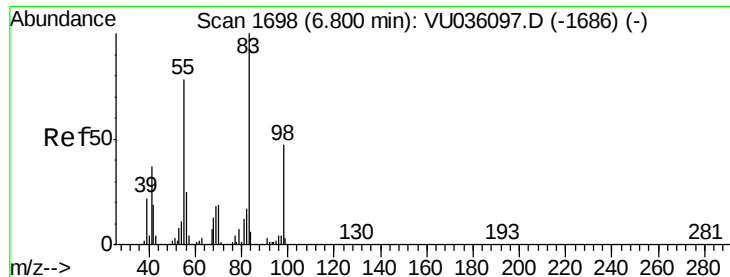
86 46.9 47.5 88.3#

49 101.6 76.9 142.9



Abundance Ion 84.05 (83.75 to 84.75): VU036097.D (-527) (-)

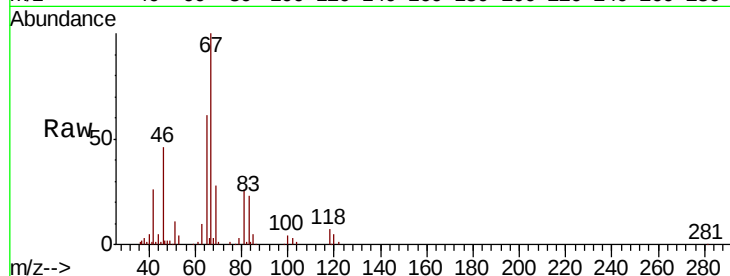




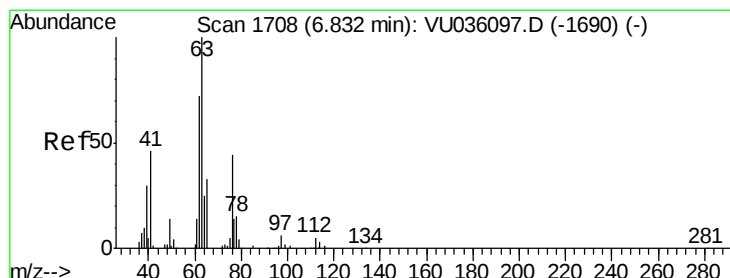
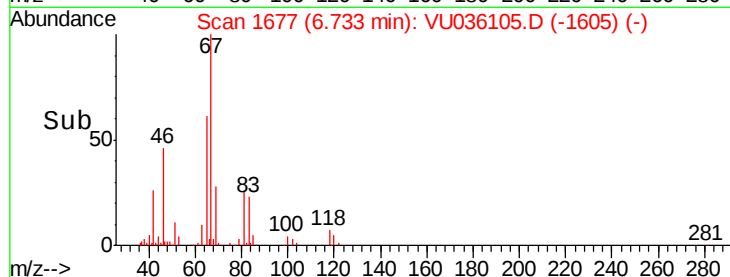
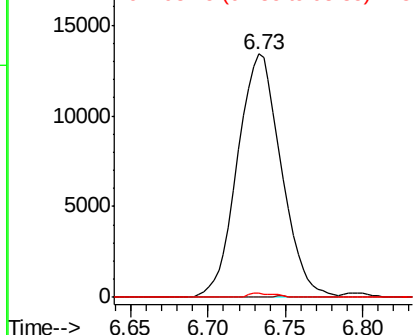
#35
Methvlcvclohexane
Concen: 0.943 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036105.D
Acq: 11 Dec 2019 00:53

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26394
Ion Ratio Lower Upper
83 100
55 0.2 62.1 93.1#
98 1.1 37.0 55.4#

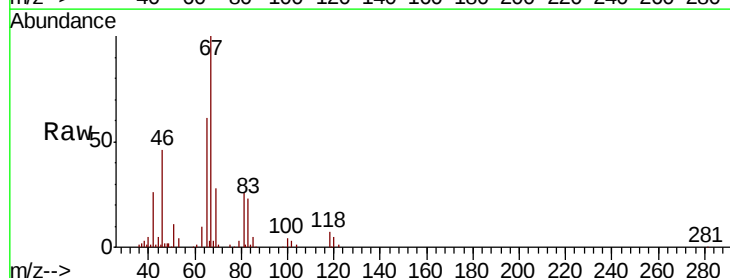


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

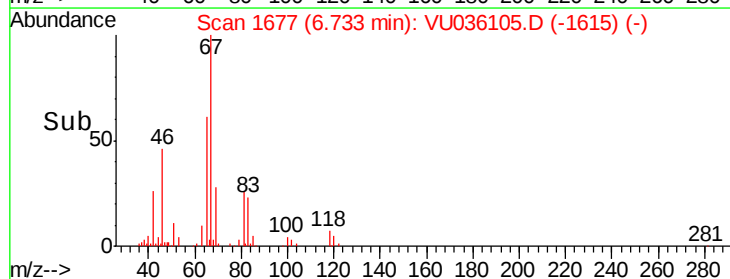
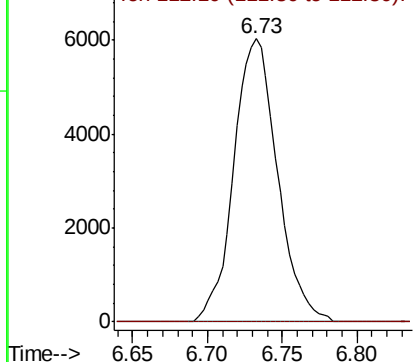


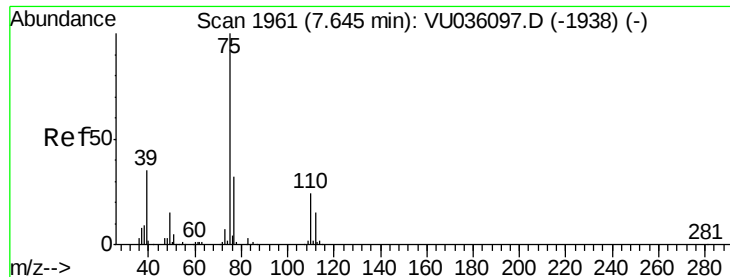
#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036105.D
Acq: 11 Dec 2019 00:53

Tgt Ion: 63 Resp: 12269
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.8#



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



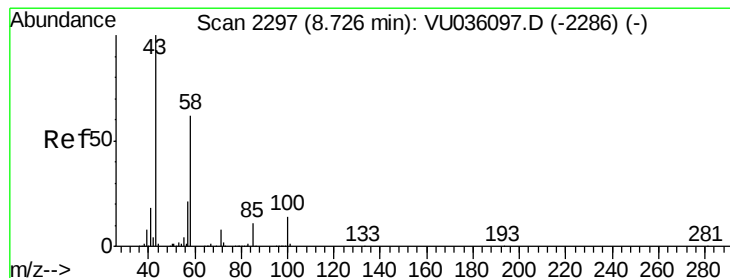
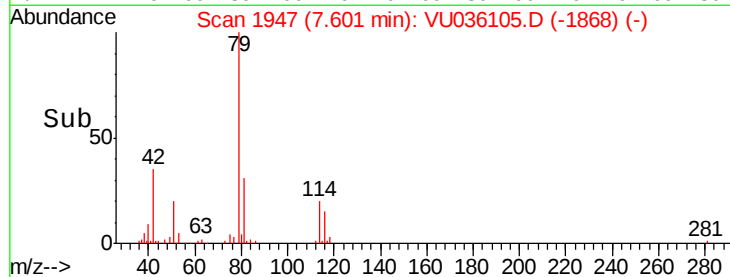
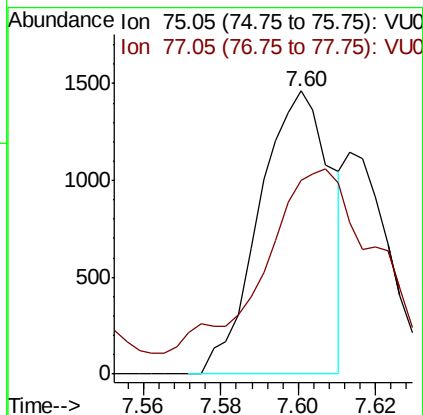
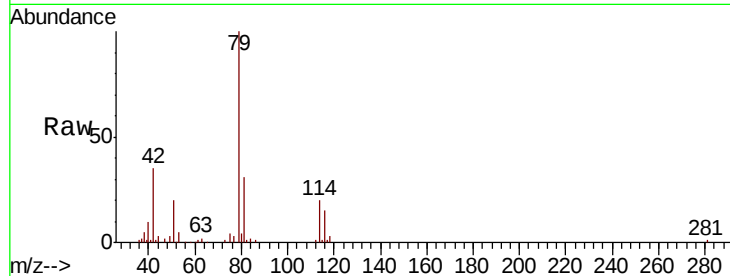


#39

cis-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036105.D
Acq: 11 Dec 2019 00:53

Instrument :
MSVOA_U
ClientSampleId :

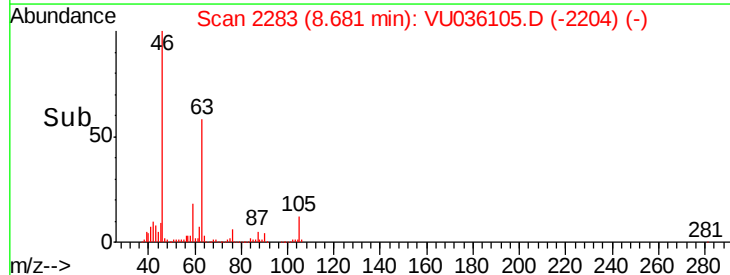
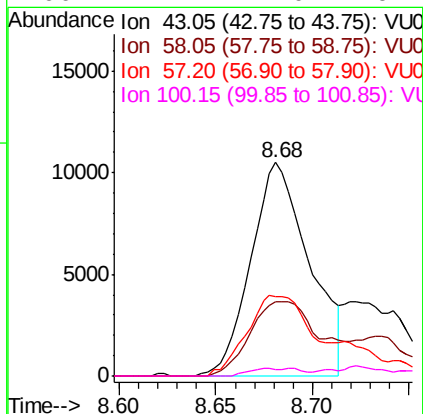
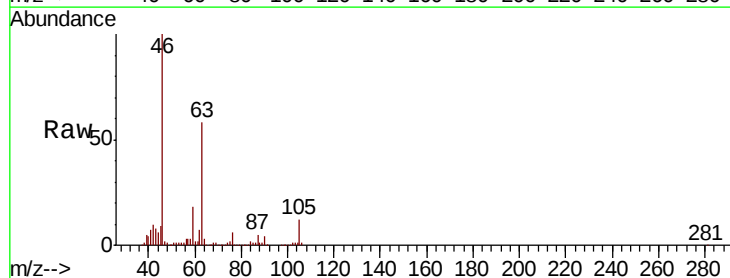
Tot Ion: 75 Resp: 1887
Ion Ratio Lower Upper
75 100
77 68.4 21.7 40.3#

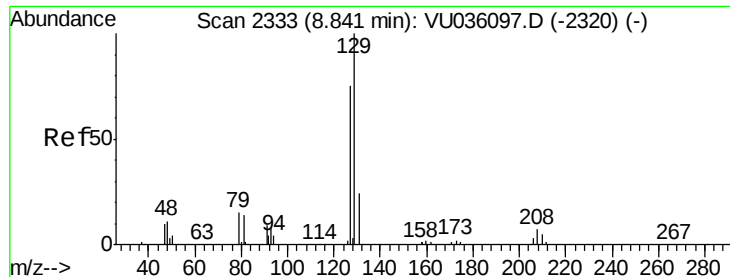


#48

2-Hexanone
Concen: 2.992 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU036105.D
Acq: 11 Dec 2019 00:53

Tgt Ion: 43 Resp: 22103
Ion Ratio Lower Upper
43 100
58 41.4 46.9 70.3#
57 40.8 16.4 24.6#
100 1.7 11.0 16.4#





#49

Dibromochloromethane

Concen: 0.098 ug/L

RT: 8.85 min Scan# 2335

Delta R.T. 0.01 min

Lab File: VU036105.D

Acq: 11 Dec 2019 00:53

Instrument :

MSVOA_U

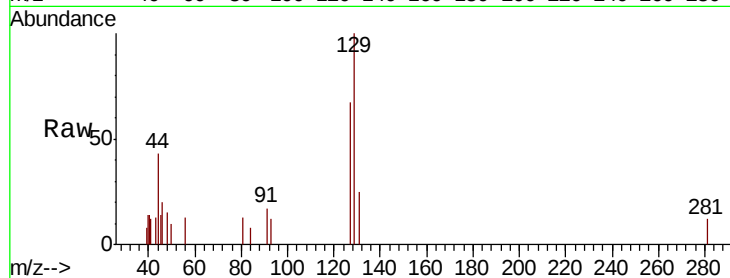
ClientSampled :

Tot Ion:129 Resp: 2018

Ion Ratio Lower Upper

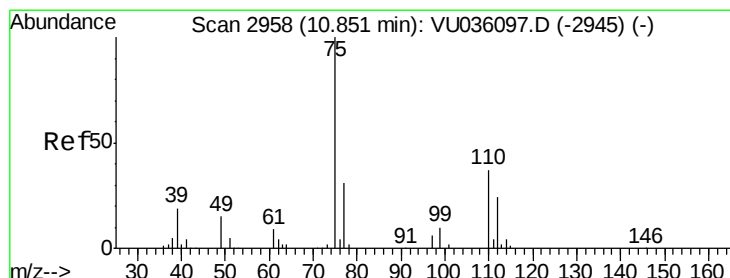
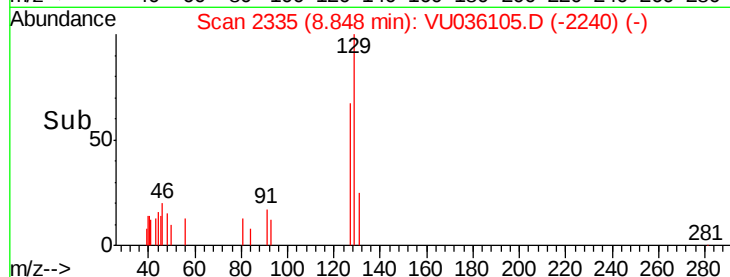
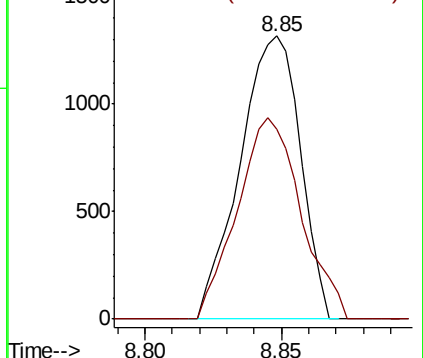
129 100

127 67.2 52.5 97.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.703 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036105.D

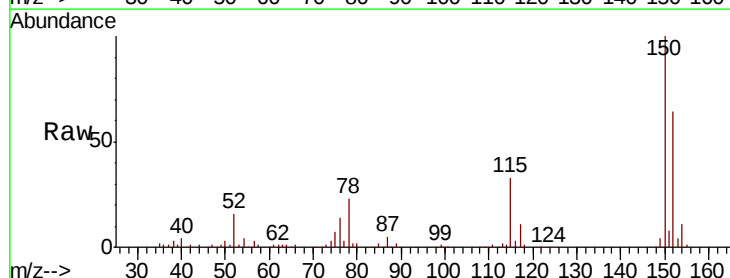
Acq: 11 Dec 2019 00:53

Tgt Ion: 75 Resp: 9912

Ion Ratio Lower Upper

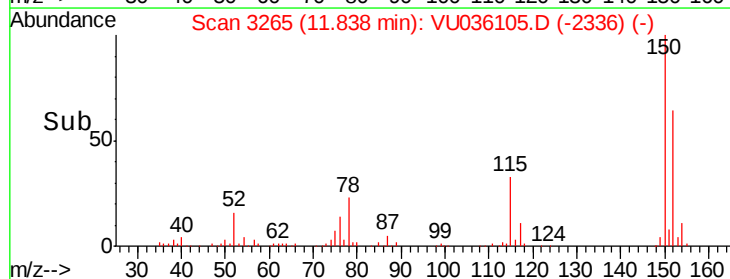
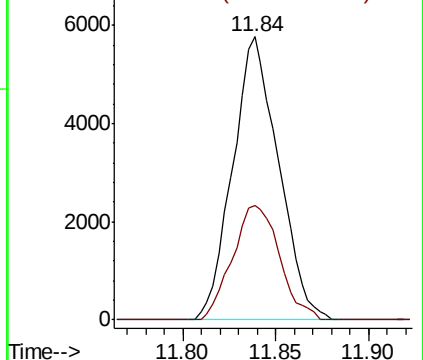
75 100

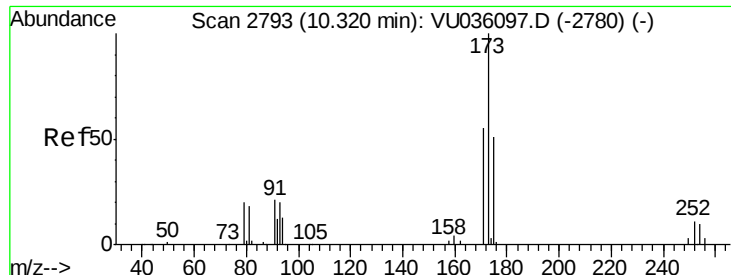
77 41.3 26.7 40.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 0.208 ug/L

RT: 10.32 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VU036105.D

Acq: 11 Dec 2019 00:53

Instrument :

MSVOA_U

ClientSampleId :

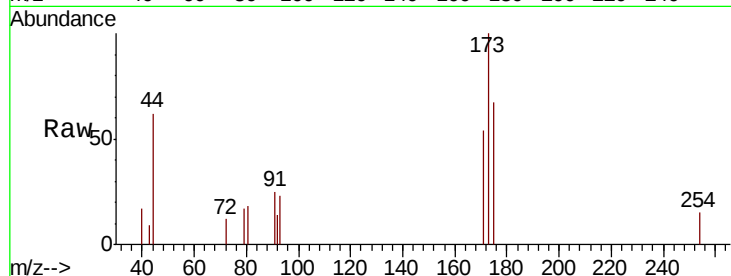
Tot Ion:173 Resp: 1986

Ion Ratio Lower Upper

173 100

175 64.9 39.4 59.0#

254 6.8 8.1 12.1#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

