

Data File : VU036144.D
Acq On : 11 Dec 2019 20:14
Operator : JC/MD
Sample : K6214-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BD809

Quant Time: Dec 12 06:17:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	285123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	308461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90799	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119874	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	119869	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	128750	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.68	46	270554	62.48	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.96%
24) Chloroform-d	5.11	84	209095	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.75	65	107600	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.77	84	378801	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	124438	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.93	98	293043	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.21	79	43195	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.67	63	198458	55.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116133	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	89504	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

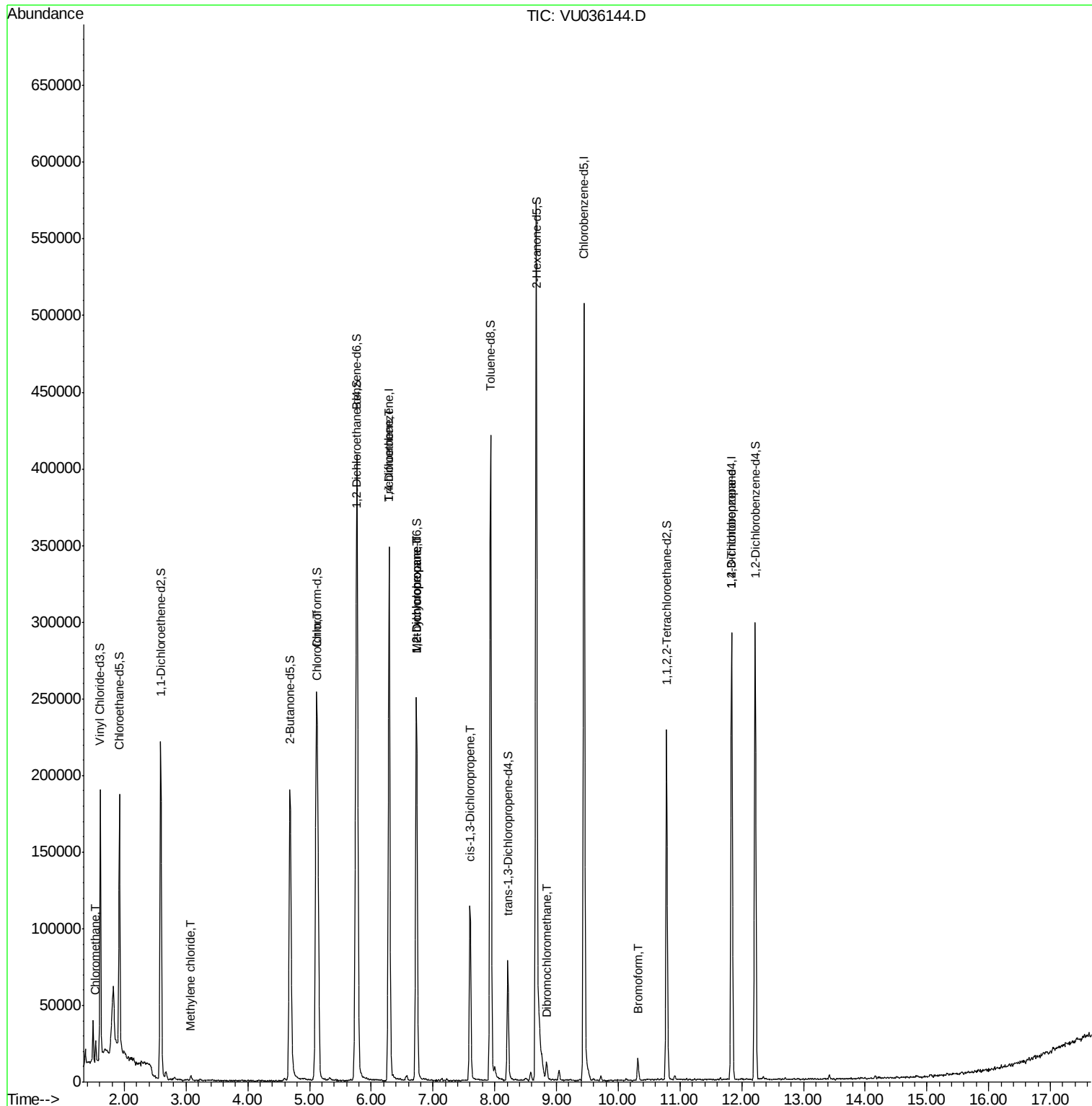
					Qvalue
3) Chloromethane	1.53	50	12351	0.451 ug/L	100
16) Methylene chloride	3.07	84	1736	0.060 ug/L	88
25) Chloroform	5.13	83	122268	2.887 ug/L	99
34) Trichloroethene	6.29	95	4817	0.215 ug/L #	2
35) Methylcyclohexane	6.73	83	30070	1.001 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12948	0.612 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3137	0.109 ug/L #	48
49) Dibromochloromethane	8.84	129	5869	0.266 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	9802	0.648 ug/L	94
61) Bromoform	10.32	173	7271	0.805 ug/L #	86

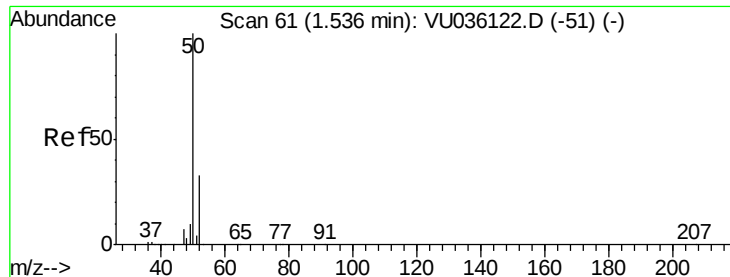
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.451 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036144.D

Acq: 11 Dec 2019 20:14

Instrument :

MSVOA_U

ClientSampled :

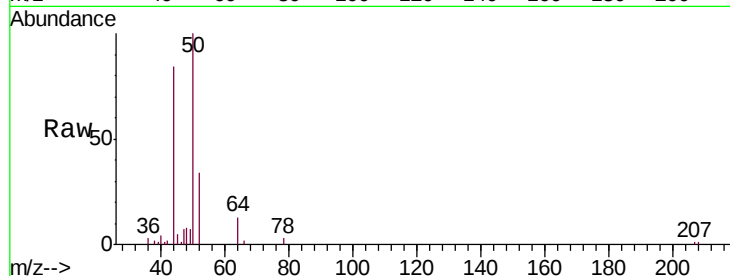
BD809

Tgt Ion: 50 Resp: 12351

Ion Ratio Lower Upper

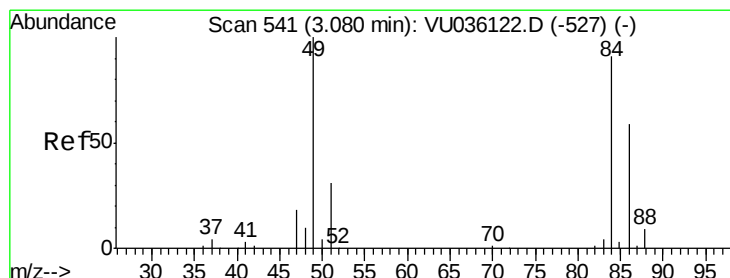
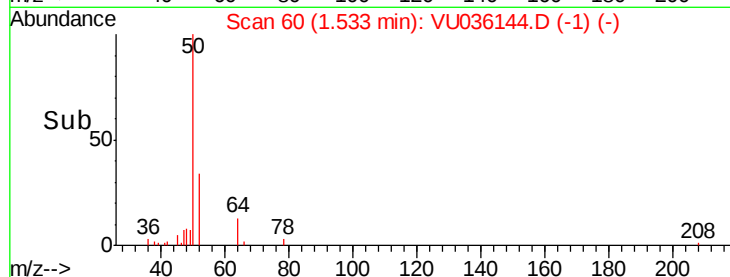
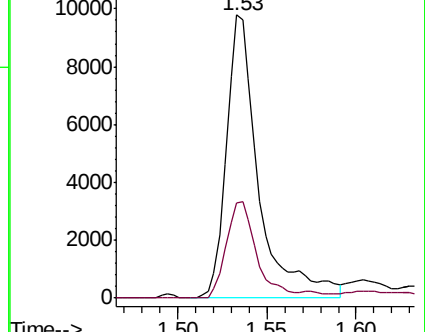
50 100

52 33.5 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036122.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU036122.D (-51) (-)



#16

Methylene chloride

Concen: 0.060 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU036144.D

Acq: 11 Dec 2019 20:14

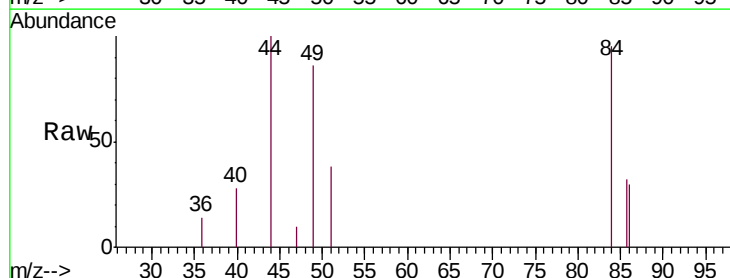
Tgt Ion: 84 Resp: 1736

Ion Ratio Lower Upper

84 100

86 65.5 47.5 88.3

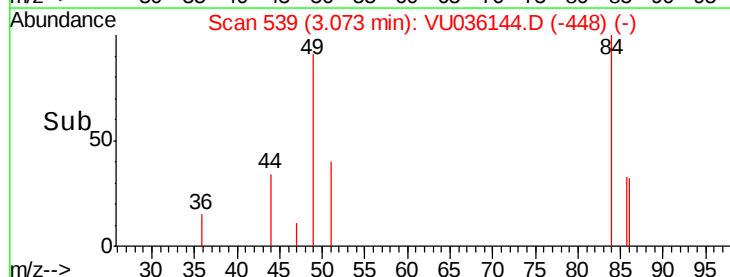
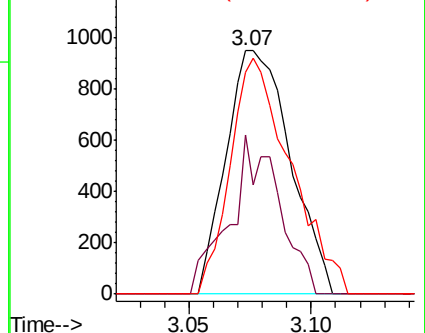
49 91.1 76.9 142.9

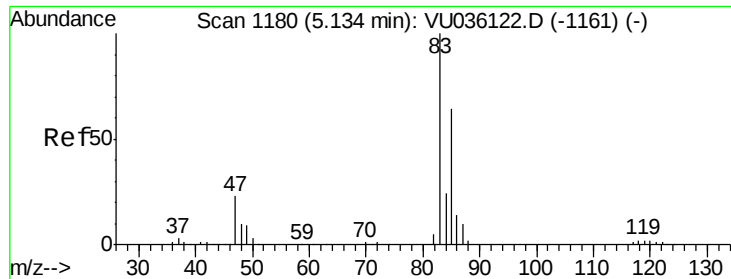


Abundance Ion 84.05 (83.75 to 84.75): VU036122.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036122.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036122.D (-527) (-)

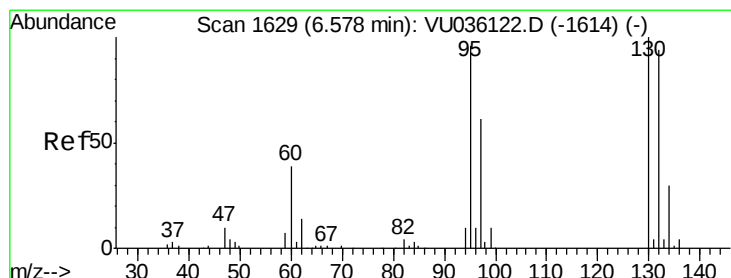
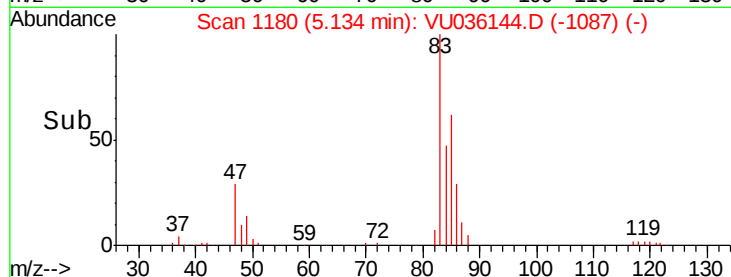
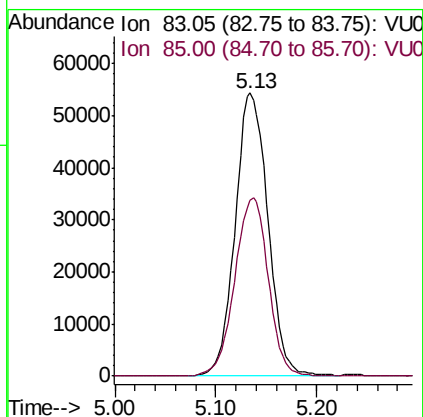
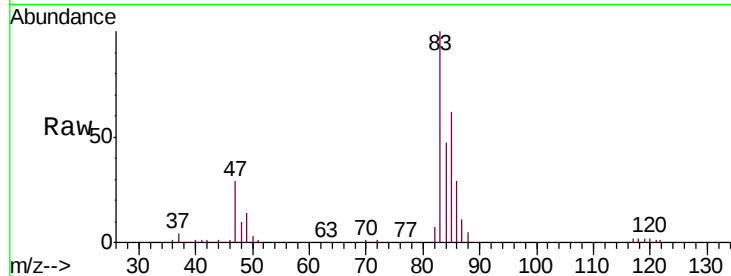




#25
Chloroform
Concen: 2.887 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036144.D
Acq: 11 Dec 2019 20:14

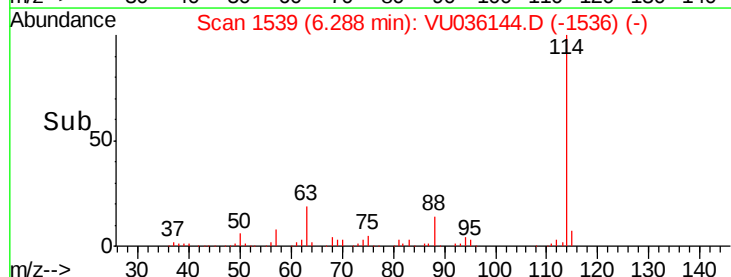
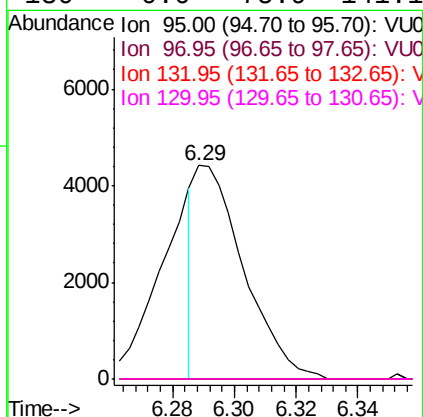
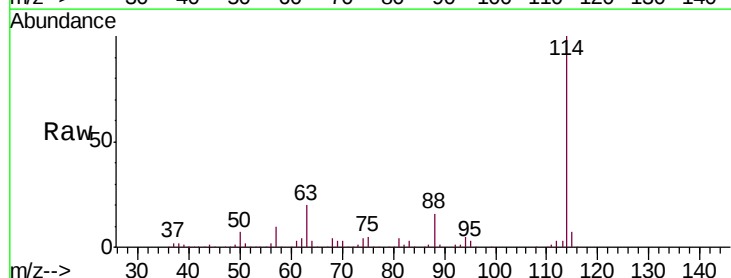
Instrument :
MSVOA_U
ClientSampled :
BD809

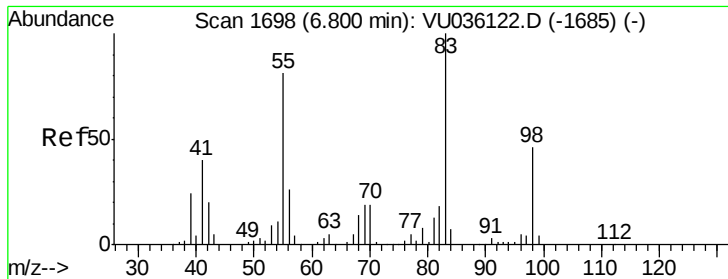
Tgt Ion: 83 Resp: 122268
Ion Ratio Lower Upper
83 100
85 62.2 43.9 81.5



#34
Trichloroethene
Concen: 0.215 ug/L
RT: 6.29 min Scan# 1539
Delta R.T. -0.29 min
Lab File: VU036144.D
Acq: 11 Dec 2019 20:14

Tgt Ion: 95 Resp: 4817
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 73.4 136.4#
130 0.0 75.9 141.1#





#35

Methylcyclohexane

Concen: 1.001 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036144.D

Acq: 11 Dec 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

BD809

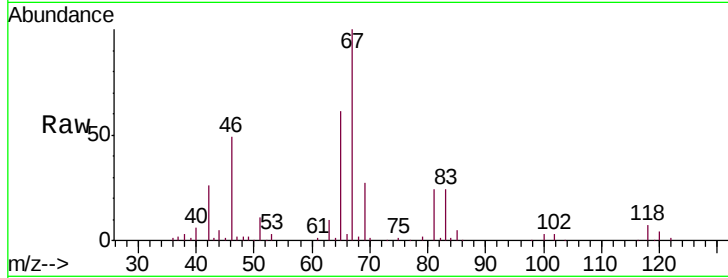
Tgt Ion: 83 Resp: 30070

Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

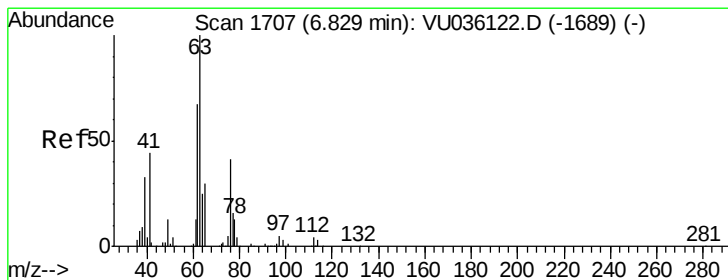
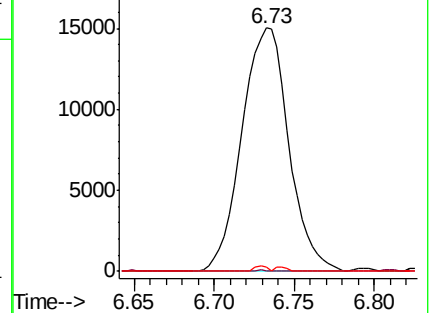
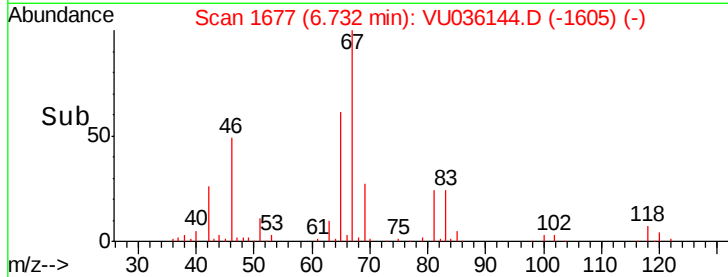
98 0.6 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036144.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU036144.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU036144.D (-1605) (-)



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036144.D

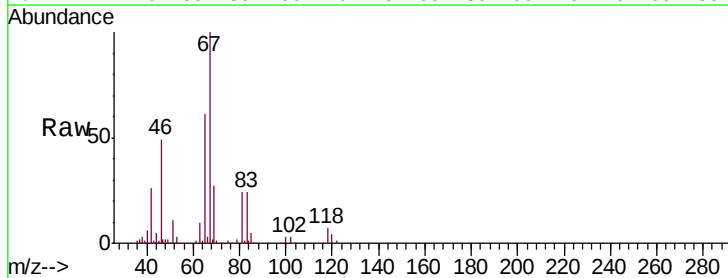
Acq: 11 Dec 2019 20:14

Tgt Ion: 63 Resp: 12948

Ion Ratio Lower Upper

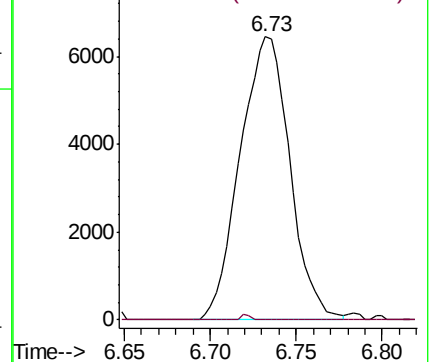
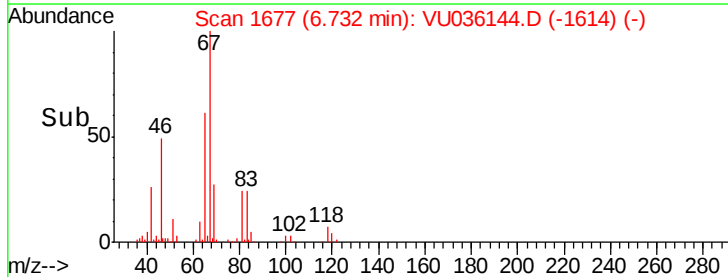
63 100

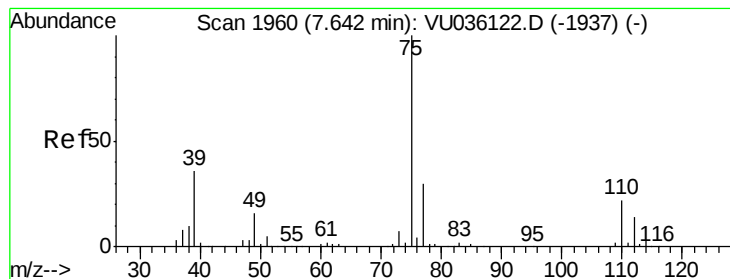
112 0.3 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036144.D (-1614) (-)

Ion 112.10 (111.80 to 112.80): VU036144.D (-1614) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036144.D

Acq: 11 Dec 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

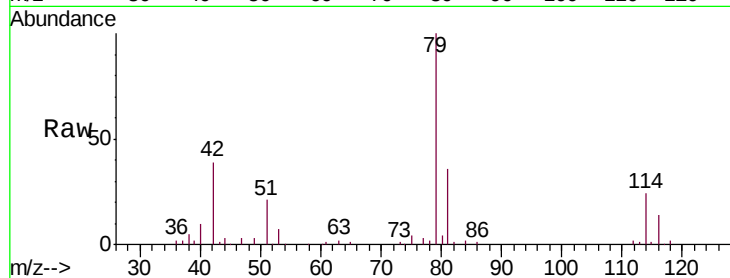
BD809

Tgt Ion: 75 Resp: 3137

Ion Ratio Lower Upper

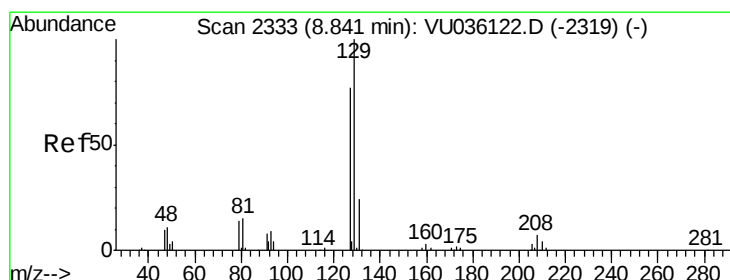
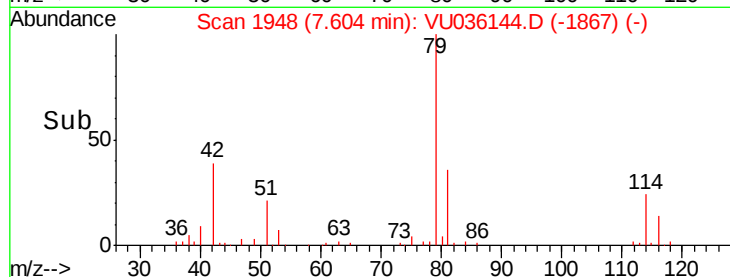
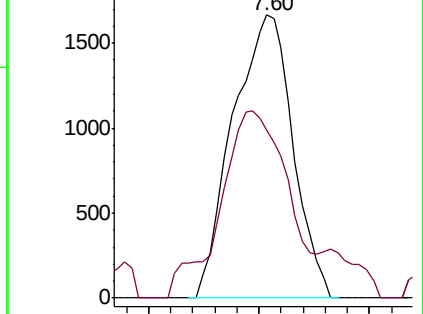
75 100

77 59.5 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU036122.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU036122.D (-1937) (-)



#49

Dibromochloromethane

Concen: 0.266 ug/L

RT: 8.84 min Scan# 2333

Delta R.T. -0.00 min

Lab File: VU036144.D

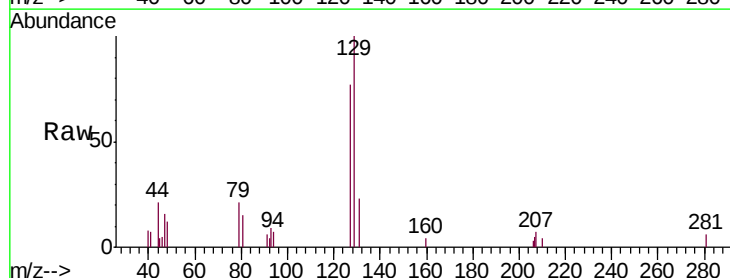
Acq: 11 Dec 2019 20:14

Tgt Ion: 129 Resp: 5869

Ion Ratio Lower Upper

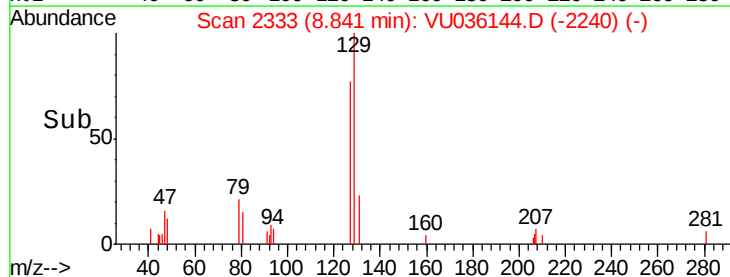
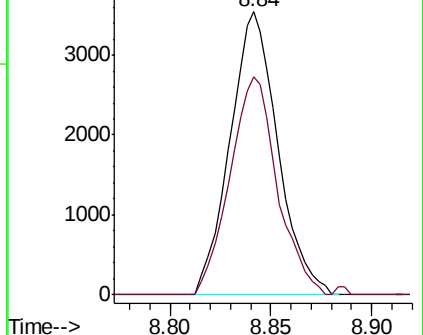
129 100

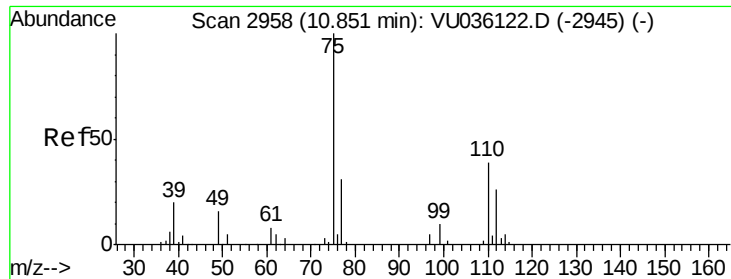
127 77.3 52.5 97.5



Abundance Ion 128.95 (128.65 to 129.65): VU036122.D (-2319) (-)

Ion 126.90 (126.60 to 127.60): VU036122.D (-2319) (-)

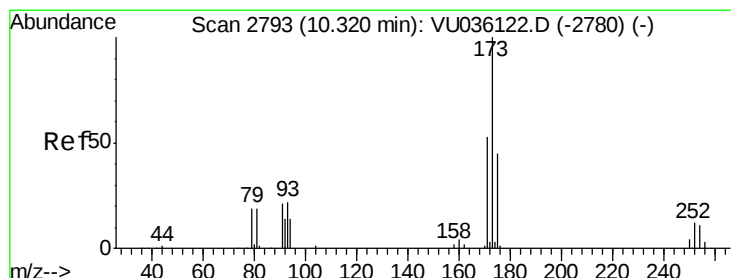
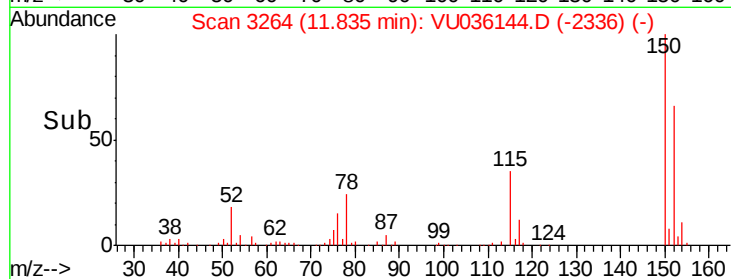
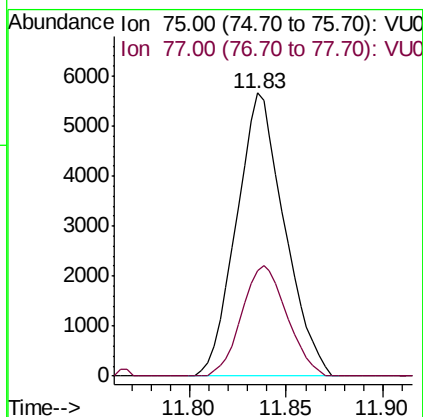
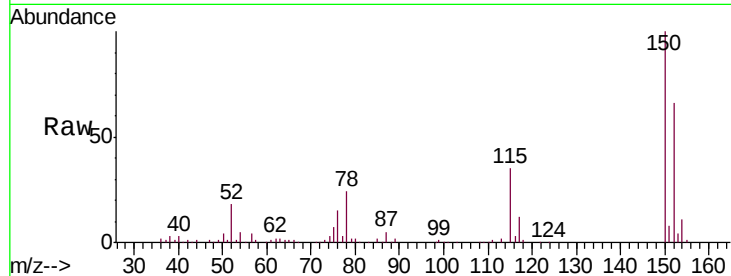




#59
 1,2,3-Trichloropropane
 Concen: 0.648 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036144.D
 Acq: 11 Dec 2019 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BD809

Tgt Ion: 75 Resp: 9802
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.7 40.1



#61
 Bromoform
 Concen: 0.805 ug/L
 RT: 10.32 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: VU036144.D
 Acq: 11 Dec 2019 20:14

Tgt Ion: 173 Resp: 7271
 Ion Ratio Lower Upper
 173 100
 175 38.6 39.4 59.0#
 254 6.8 8.1 12.1#

