

Data File : VU035724.D
Acq On : 15 Nov 2019 14:14
Operator : JC/SP
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Nov 16 01:41:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	203706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	232724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	95332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98460	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	87562	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.59	63	128657	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.71	46	244276	52.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.54%
24) Chloroform-d	5.11	84	163113	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.75	65	92087	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.77	84	341930	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.74	67	115803	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	287386	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.22	79	40832	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.68	63	161091	43.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.90%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96908	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	99805	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

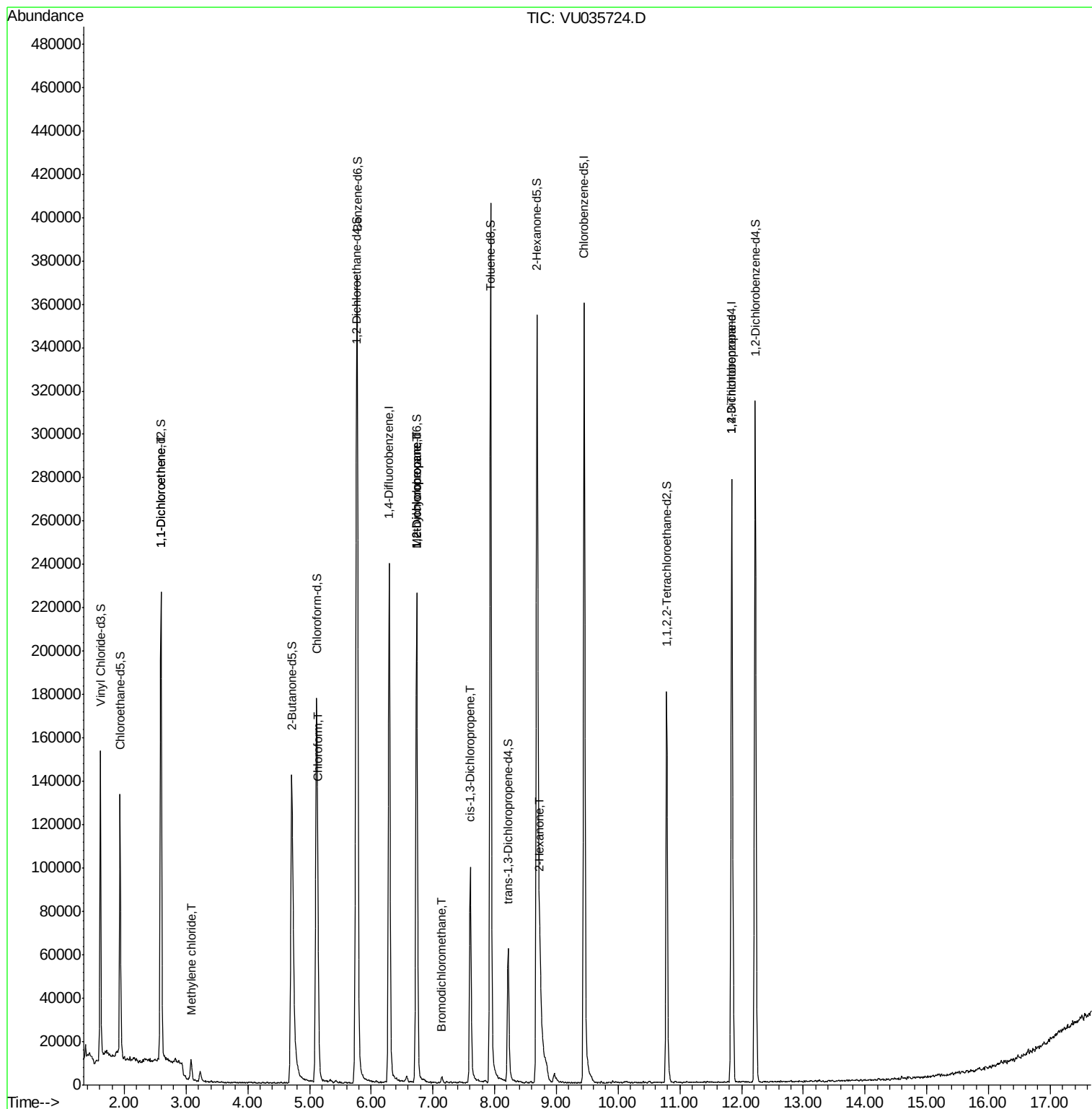
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1501	0.084 ug/L #	1
16) Methylene chloride	3.08	84	4590	0.216 ug/L	90
25) Chloroform	5.14	83	36130	0.970 ug/L	99
35) Methylcyclohexane	6.74	83	26548	0.831 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11608	0.538 ug/L #	87
38) Bromodichloromethane	7.14	83	2127	0.081 ug/L	100
39) cis-1,3-Dichloropropene	7.61	75	2703	0.088 ug/L #	39
48) 2-Hexanone	8.74	43	20576	2.333 ug/L #	96
59) 1,2,3-Trichloropropane	11.84	75	10299	0.722 ug/L	96

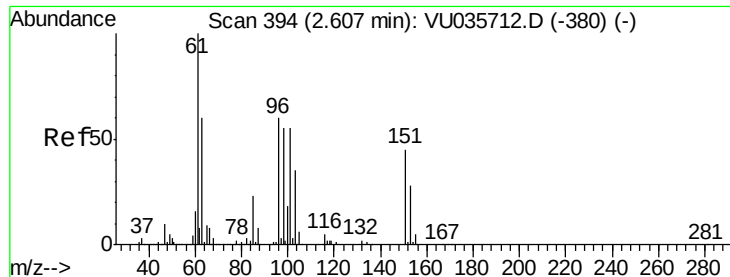
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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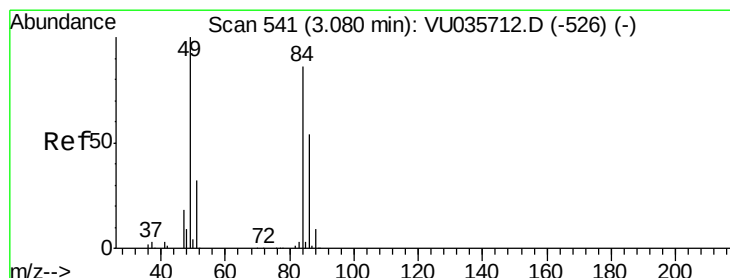
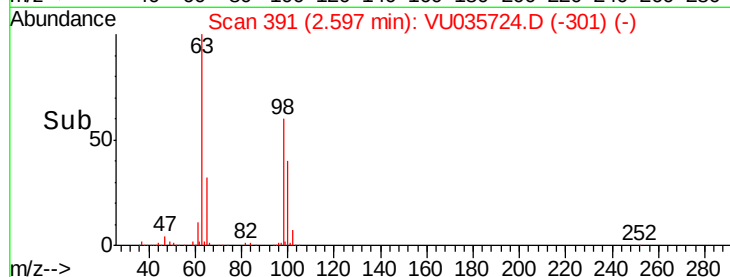
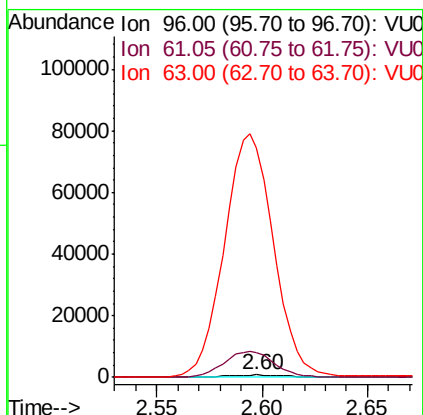
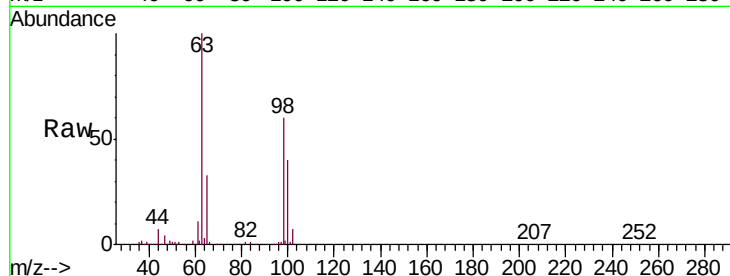




#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035724.D
 Acq: 15 Nov 2019 14:14

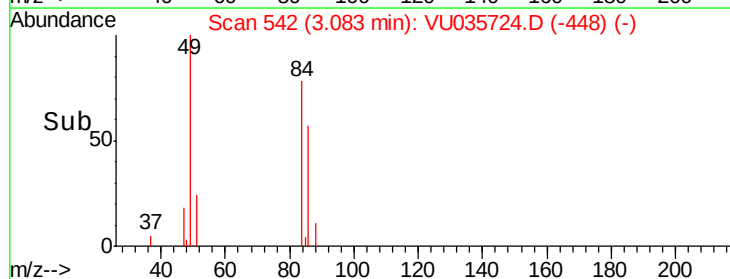
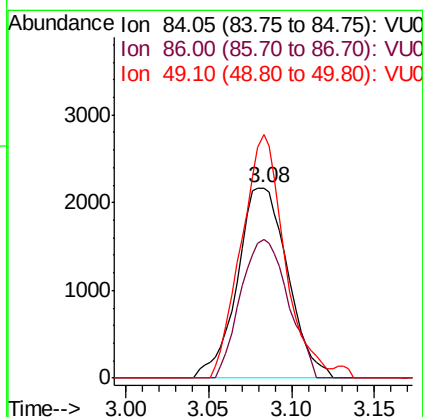
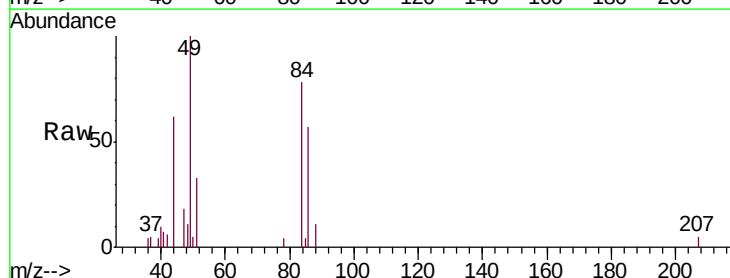
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

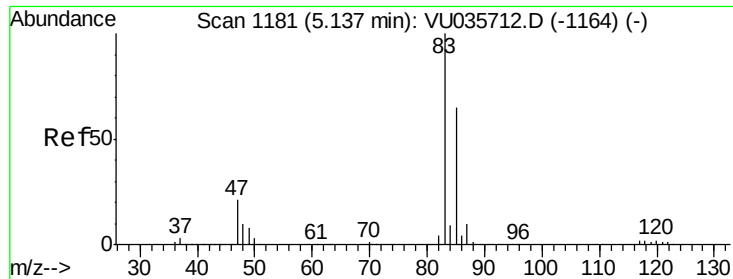
Tgt Ion: 96 Resp: 1501
 Ion Ratio Lower Upper
 96 100
 61 1048.1 123.1 228.5#
 63 9662.3 87.8 163.0#



#16
 Methylene chloride
 Concen: 0.216 ug/L
 RT: 3.08 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: VU035724.D
 Acq: 15 Nov 2019 14:14

Tgt Ion: 84 Resp: 4590
 Ion Ratio Lower Upper
 84 100
 86 73.0 45.8 85.2
 49 127.9 81.9 152.1

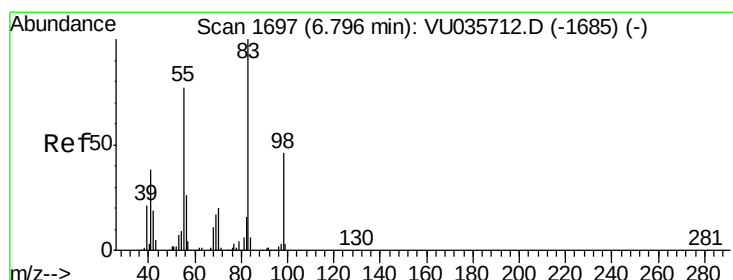
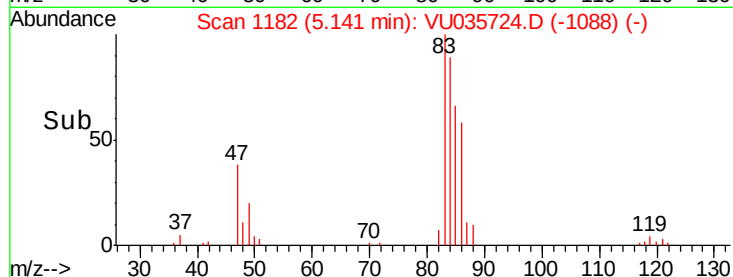
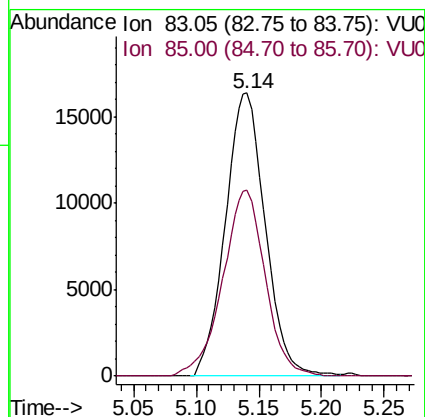
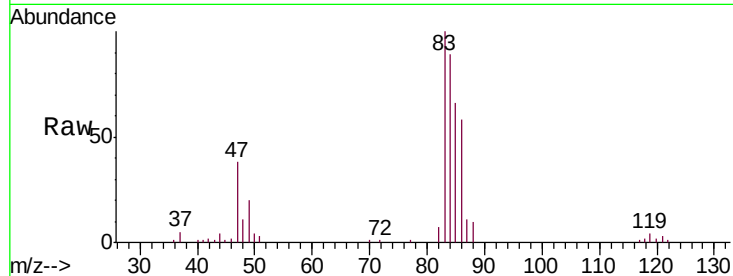




#25
Chloroform
Concen: 0.970 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035724.D
Acq: 15 Nov 2019 14:14

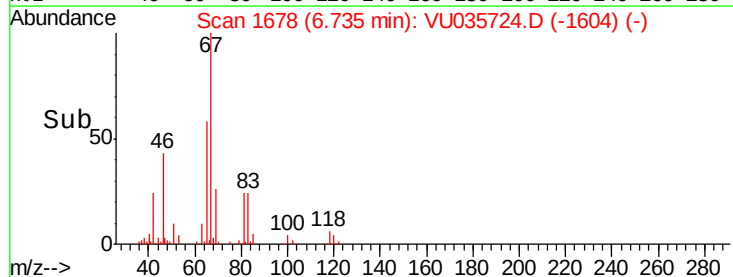
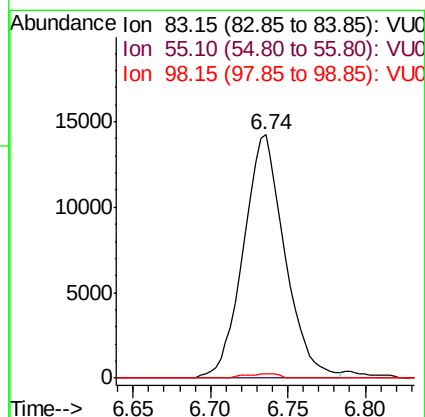
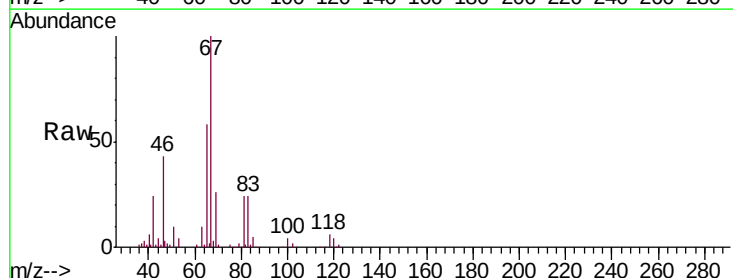
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

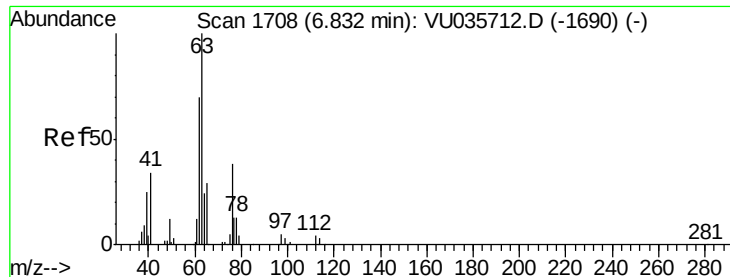
Tgt Ion: 83 Resp: 36130
Ion Ratio Lower Upper
83 100
85 65.9 45.4 84.2



#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035724.D
Acq: 15 Nov 2019 14:14

Tgt Ion: 83 Resp: 26548
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.4 37.2 55.8#

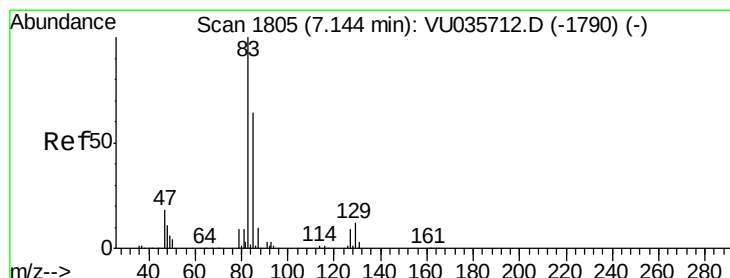
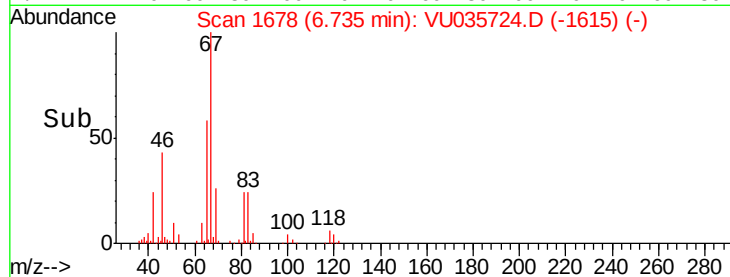
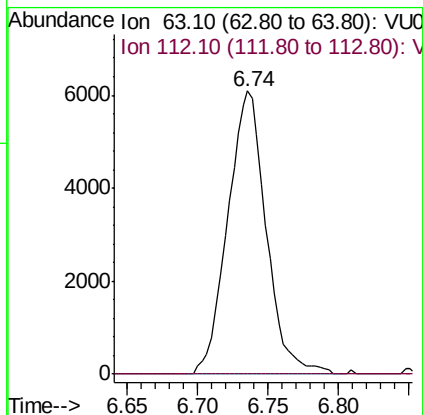
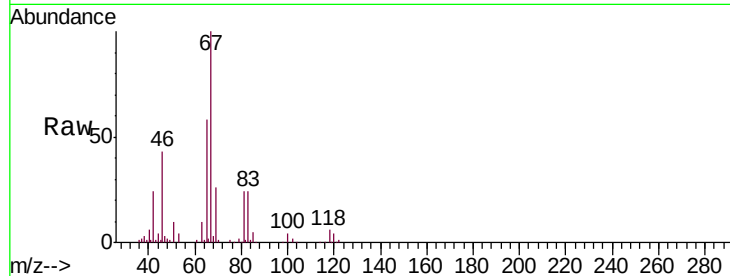




#37
 1,2-Dichloropropane
 Concen: 0.538 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035724.D
 Acq: 15 Nov 2019 14:14

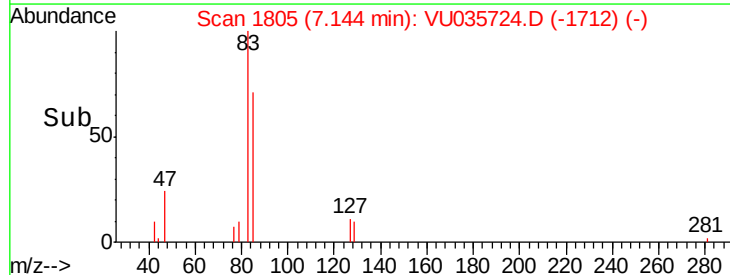
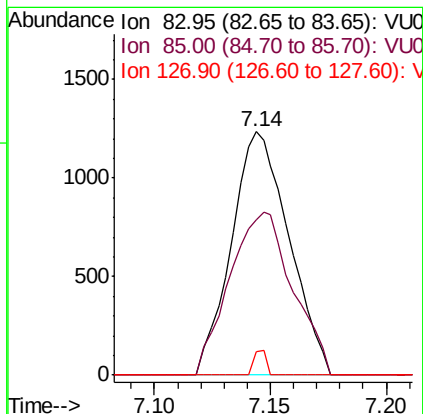
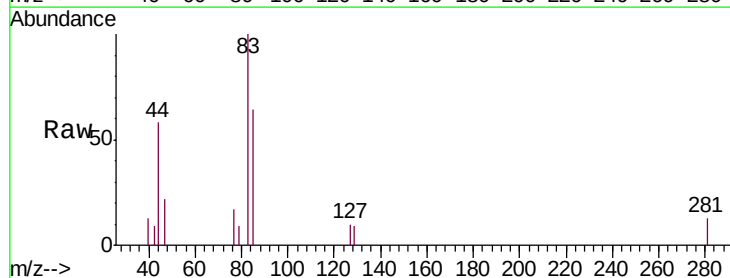
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

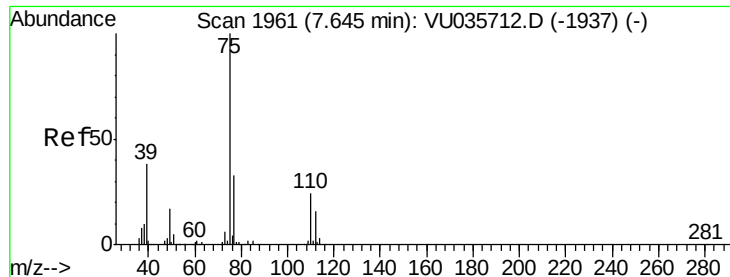
Tgt Ion: 63 Resp: 11608
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.081 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VU035724.D
 Acq: 15 Nov 2019 14:14

Tgt Ion: 83 Resp: 2127
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.7 82.9
 127 9.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035724.D

Acq: 15 Nov 2019 14:14

Instrument :

MSVOA_U

ClientSampleId :

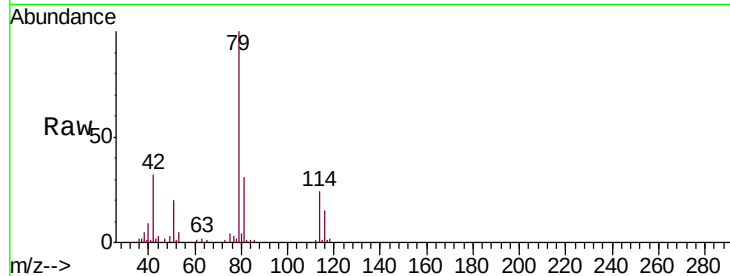
VIBLK40

Tgt Ion: 75 Resp: 2703

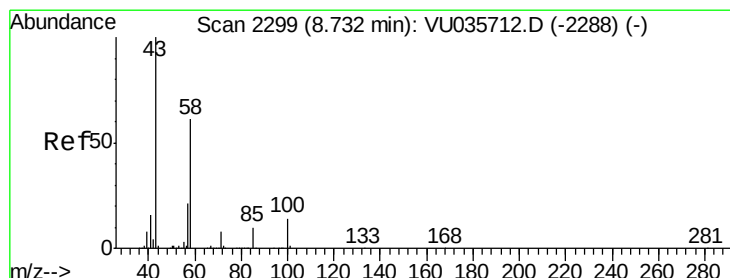
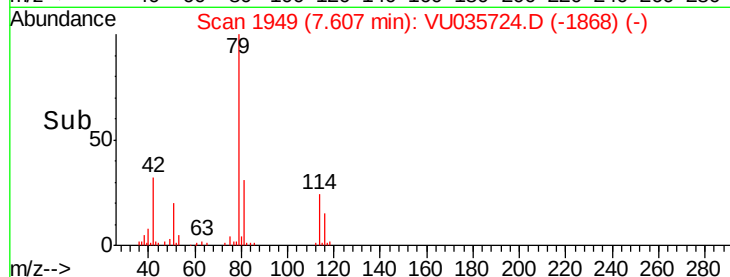
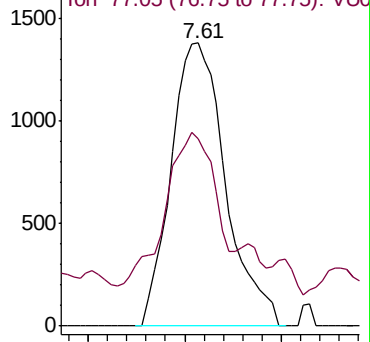
Ion Ratio Lower Upper

75 100

77 66.3 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU035712.D (-1937) (-)



#48

2-Hexanone

Concen: 2.333 ug/L

RT: 8.74 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VU035724.D

Acq: 15 Nov 2019 14:14

Tgt Ion: 43 Resp: 20576

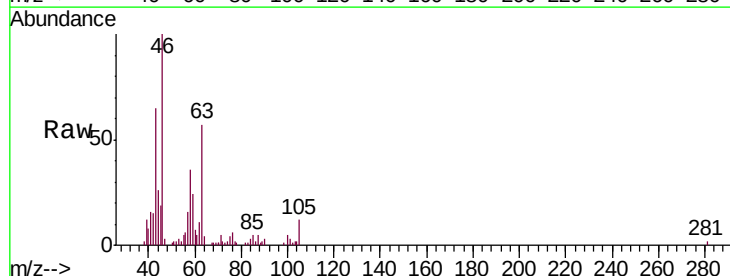
Ion Ratio Lower Upper

43 100

58 52.5 44.1 66.1

57 19.8 15.1 22.7

100 8.6 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

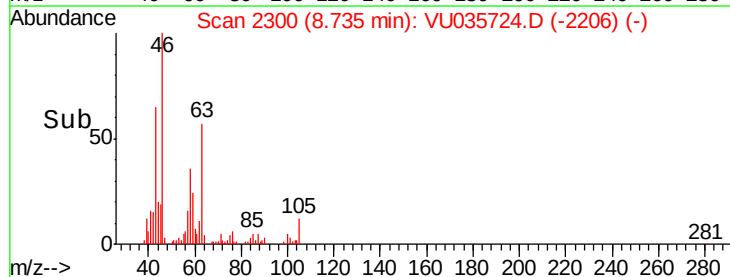
Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)



Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

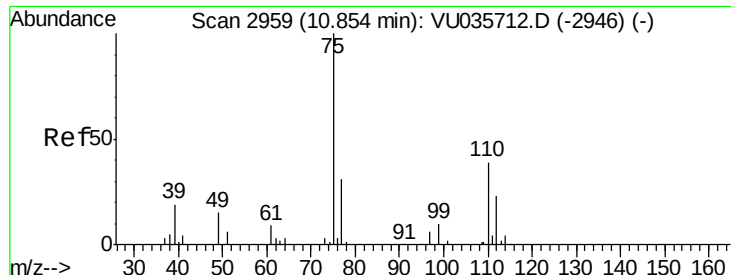
Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)

Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035712.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035712.D (-2288) (-)



#59

1,2,3-Trichloropropane

Concen: 0.722 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

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MSVOA_U

ClientSampleId :

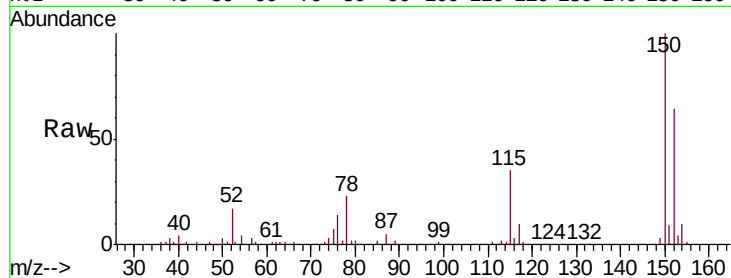
VIBLK40

Tgt Ion: 75 Resp: 10299

Ion Ratio Lower Upper

75 100

77 36.0 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

