

Data File : VU036053.D
Acq On : 09 Dec 2019 17:38
Operator : JC/MD
Sample : K6168-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE44

Quant Time: Dec 10 01:51:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	243738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112563	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	125353	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.59	63	148166	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.70	46	218064	58.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.82%
24) Chloroform-d	5.11	84	181122	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.75	65	96879	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	357828	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.73	67	108459	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.93	98	294147	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.21	79	32741	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.68	63	172292	56.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	99491	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	99360	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

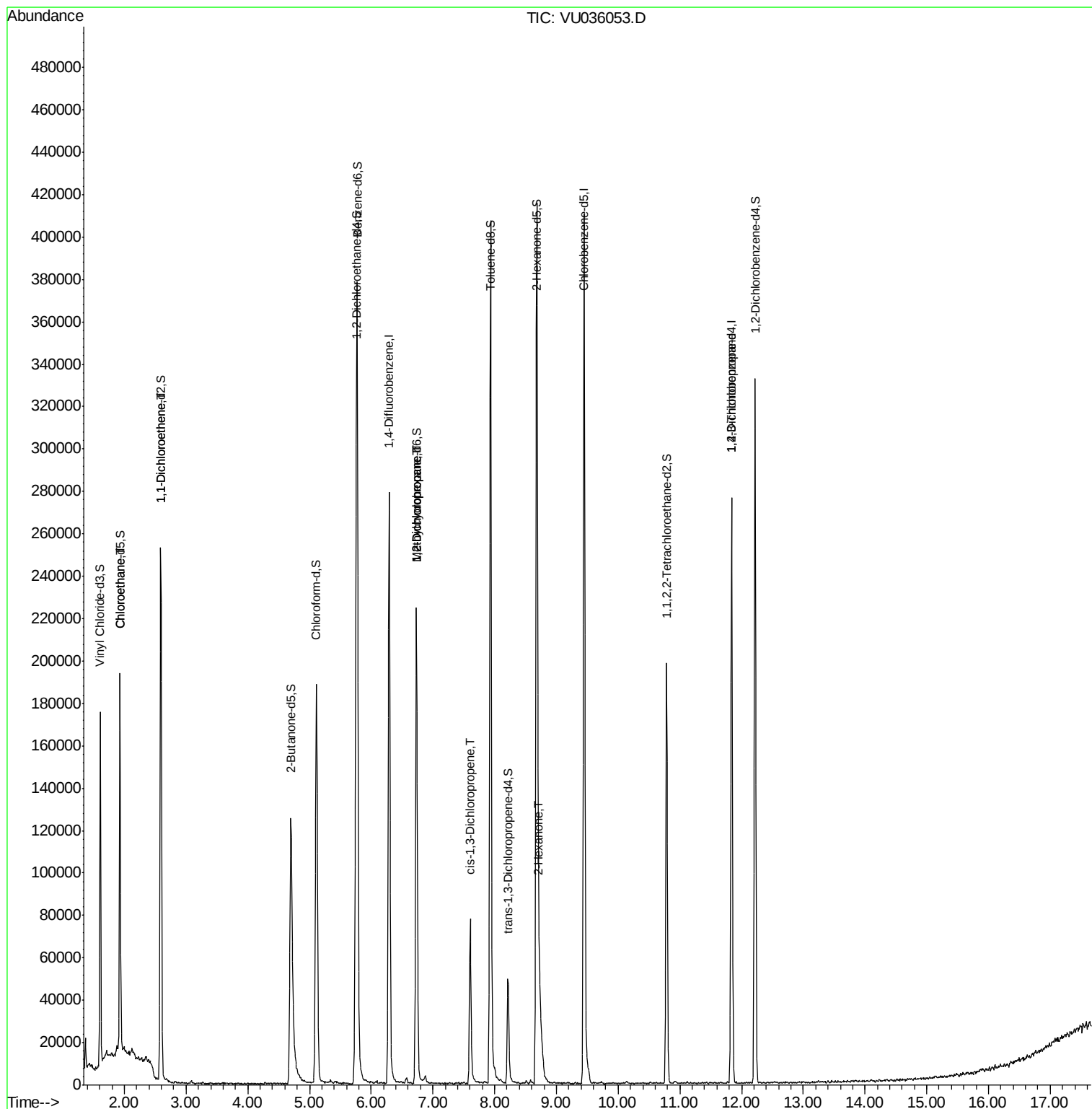
					Qvalue
8) Chloroethane	1.93	64	3769	0.203 ug/L #	63
12) 1,1-Dichloroethene	2.59	96	1304	0.061 ug/L #	1
35) Methylcyclohexane	6.73	83	27251	1.055 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11732	0.645 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2202	0.089 ug/L #	29
48) 2-Hexanone	8.73	43	7928	1.163 ug/L #	46
59) 1,2,3-Trichloropropane	11.84	75	9112	0.701 ug/L	99

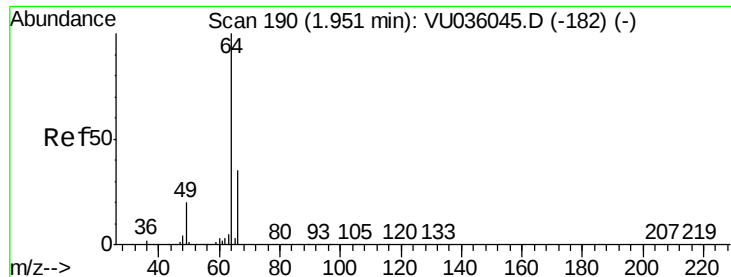
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.203 ug/L

RT: 1.93 min Scan# 185

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

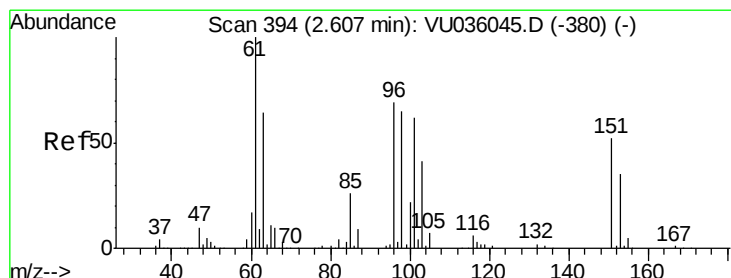
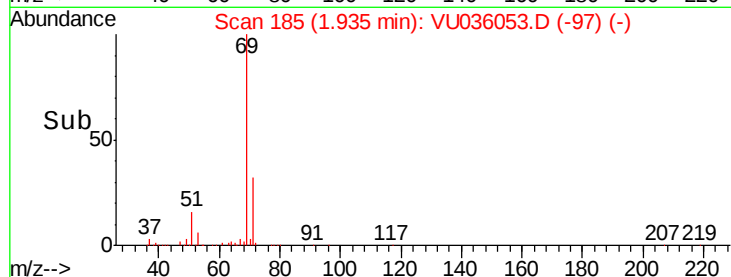
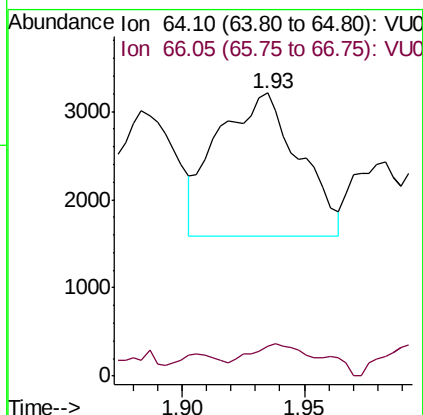
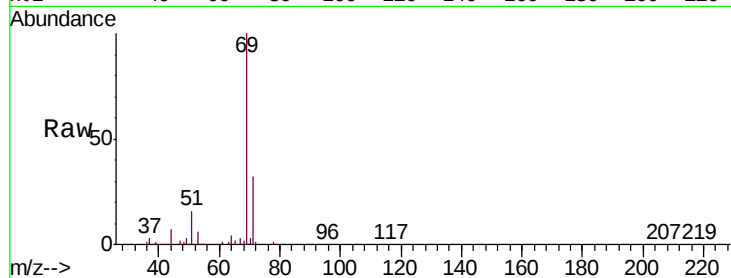
BFE44

Tgt Ion: 64 Resp: 3769

Ion Ratio Lower Upper

64 100

66 10.5 21.5 39.9#



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036053.D

Acq: 09 Dec 2019 17:38

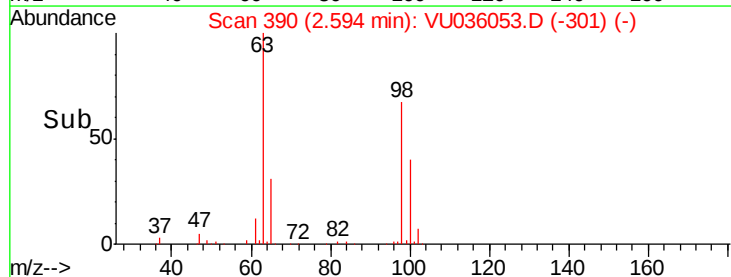
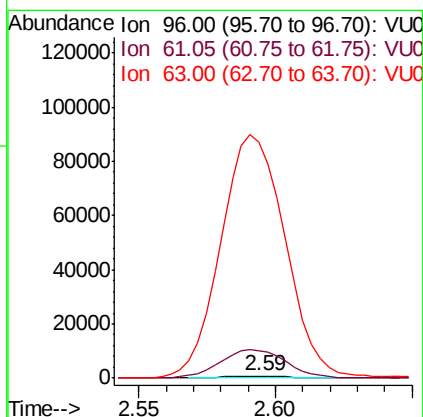
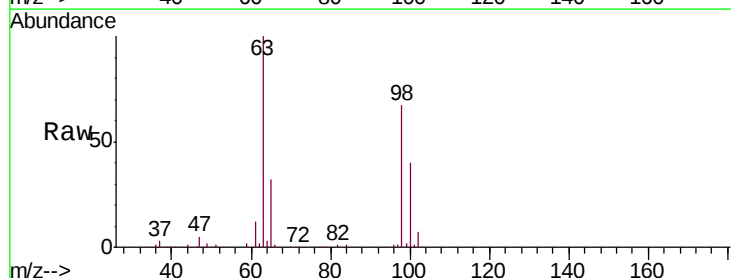
Tgt Ion: 96 Resp: 1304

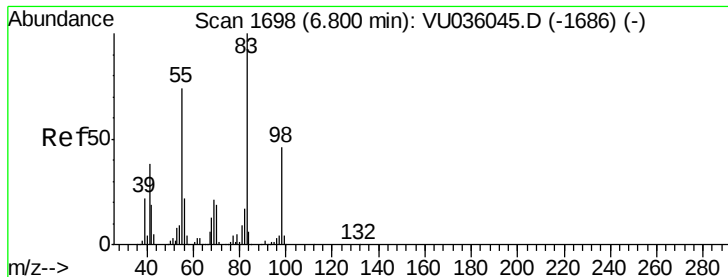
Ion Ratio Lower Upper

96 100

61 1186.4 104.3 193.7#

63 10098.4 65.6 121.8#





#35

Methylcyclohexane

Concen: 1.055 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036053.D

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Instrument :

MSVOA_U

ClientSampleId :

BFE44

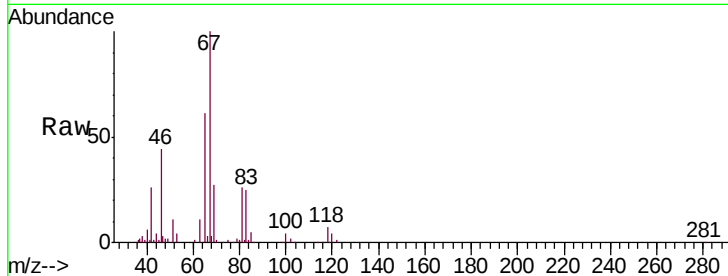
Tgt Ion: 83 Resp: 27251

Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

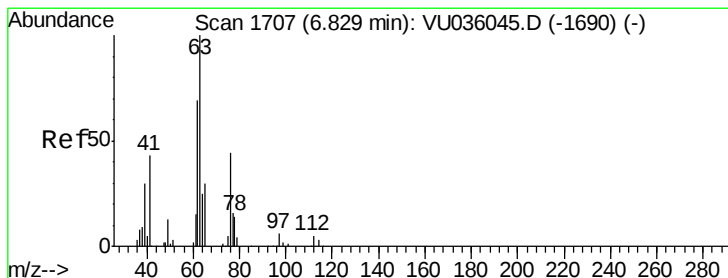
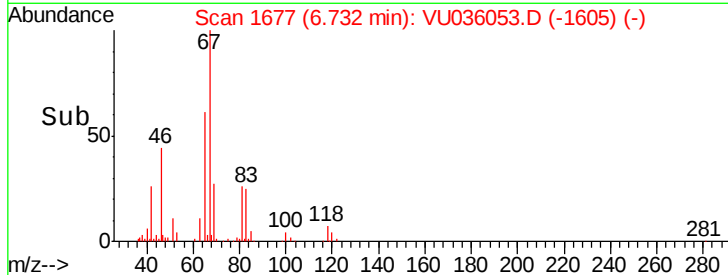
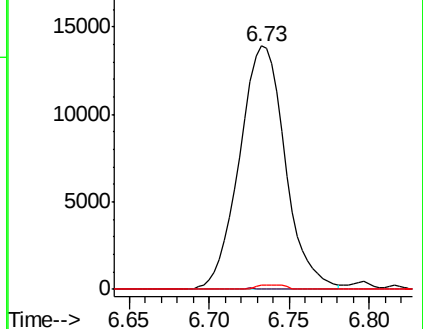
98 1.1 37.0 55.4#



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: 0.645 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036053.D

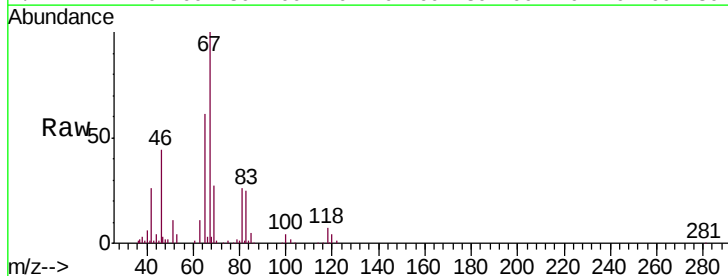
Acq: 09 Dec 2019 17:38

Tgt Ion: 63 Resp: 11732

Ion Ratio Lower Upper

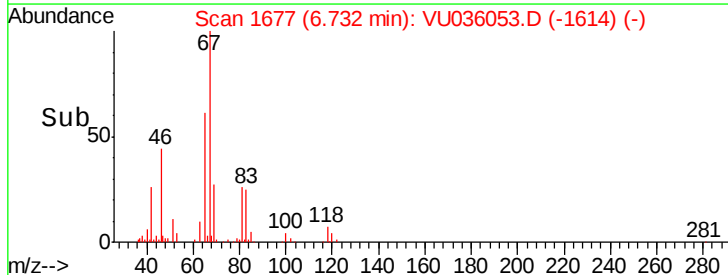
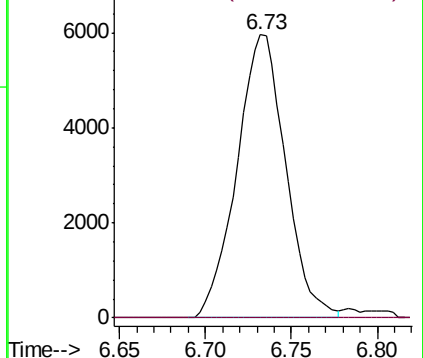
63 100

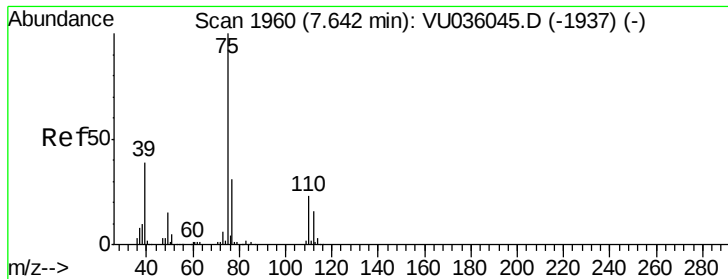
112 0.4 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

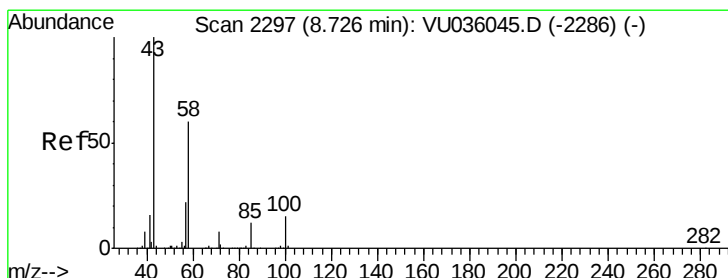
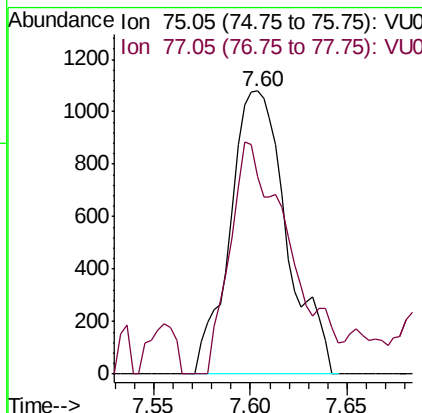
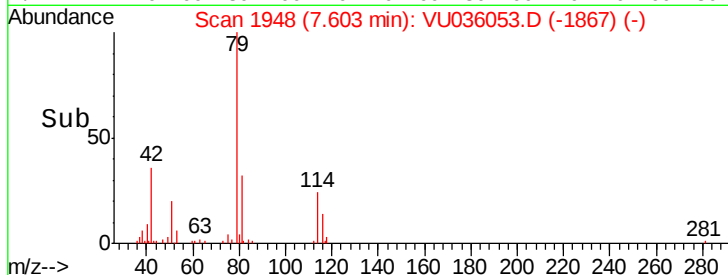
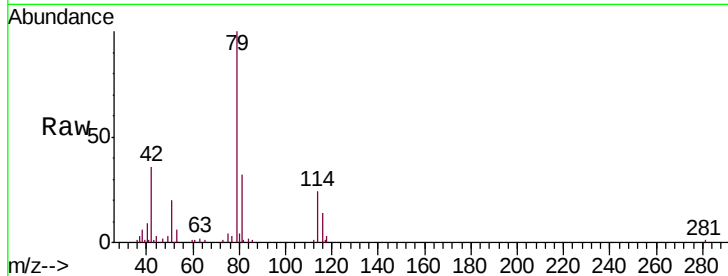




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036053.D
 Acq: 09 Dec 2019 17:38

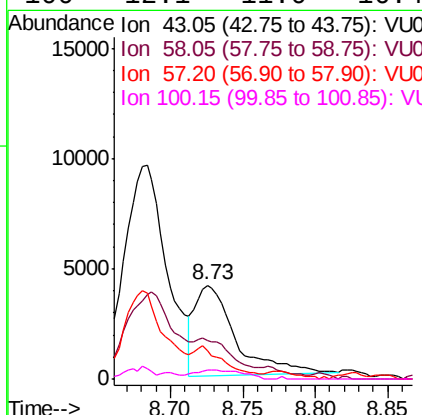
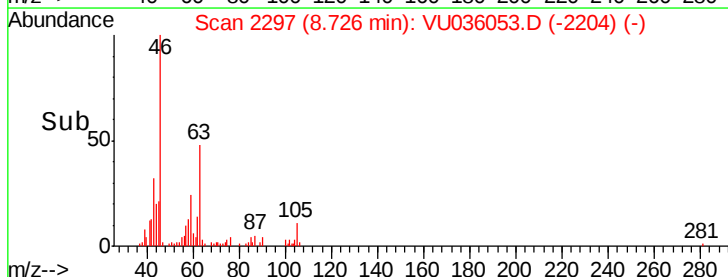
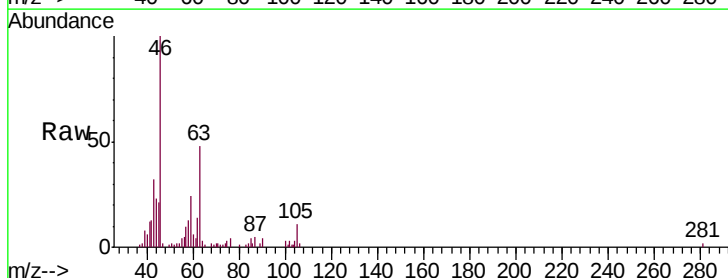
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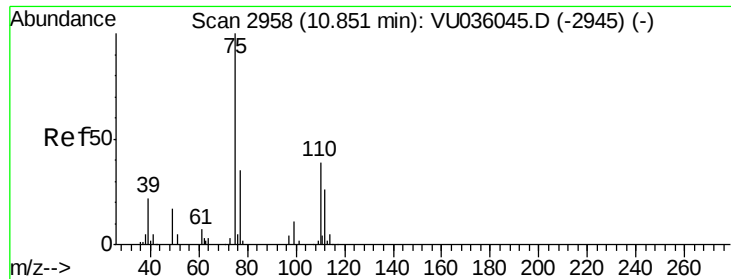
Tgt Ion: 75 Resp: 2202
 Ion Ratio Lower Upper
 75 100
 77 69.8 21.7 40.3#



#48
 2-Hexanone
 Concen: 1.163 ug/L
 RT: 8.73 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: VU036053.D
 Acq: 09 Dec 2019 17:38

Tgt Ion: 43 Resp: 7928
 Ion Ratio Lower Upper
 43 100
 58 0.0 46.9 70.3#
 57 29.3 16.4 24.6#
 100 12.1 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 0.701 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036053.D

Acq: 09 Dec 2019 17:38

Instrument :

MSVOA_U

ClientSampleId :

BFE44

Tgt Ion: 75 Resp: 9112

Ion Ratio Lower Upper

75 100

77 32.9 26.7 40.1

