

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036093.D
 Acq On : 10 Dec 2019 19:11
 Operator : JC/MD
 Sample : K6168-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 06:32:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	283484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	317163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	122027	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.93	69	117174	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	136017	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.69	46	229637	53.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	5.11	84	185695	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	103494	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.77	84	380756	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	123948	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.93	98	313073	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.22	79	43491	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.70	63	179561	49.18	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.36%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	109058	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	83468	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

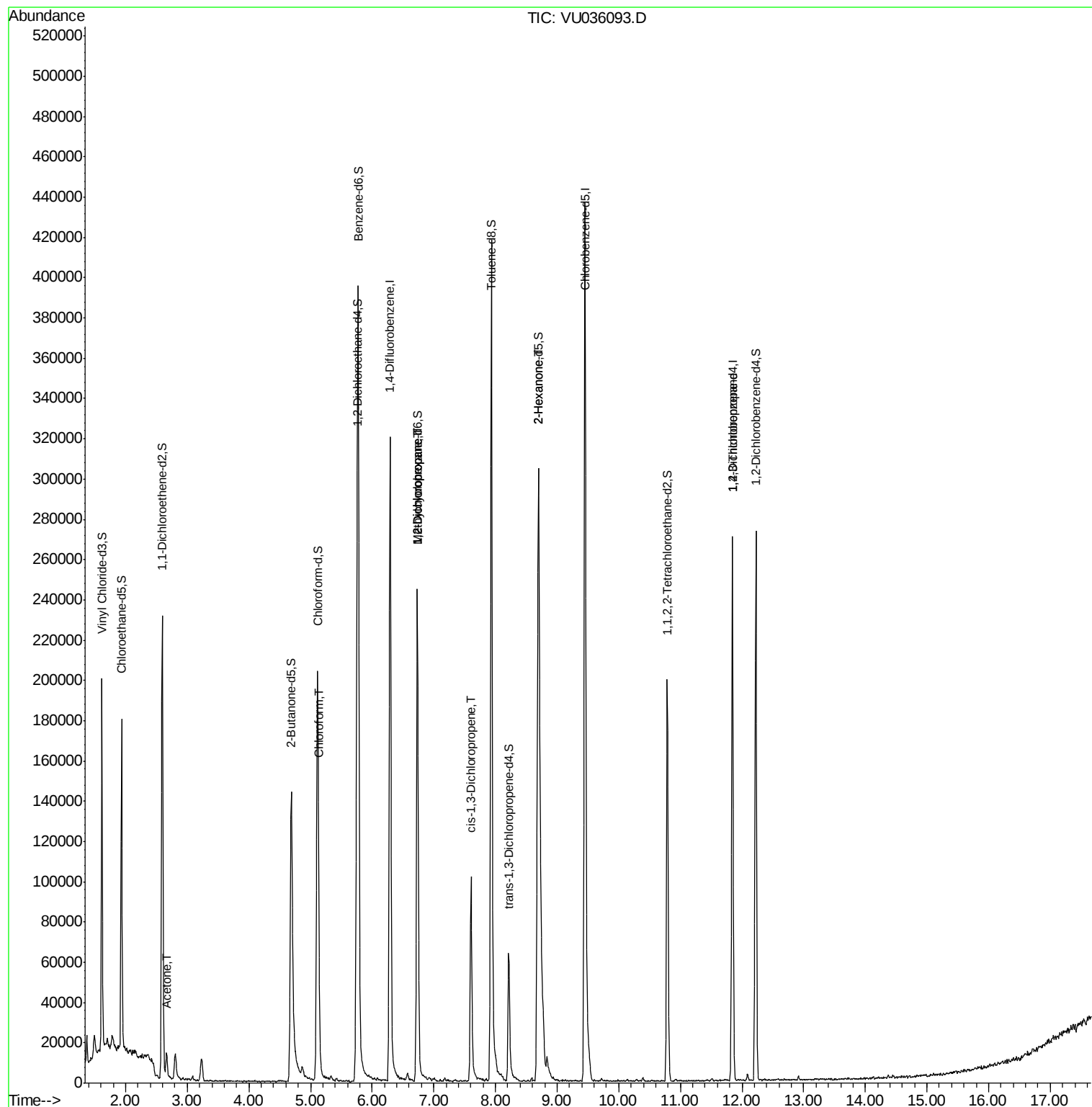
					Ovalue
13) Acetone	2.66	43	12665	2.317	ug/L 100
25) Chloroform	5.14	83	20095	0.477	ug/L 98
35) Methylcyclohexane	6.73	83	29424	0.953	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	13362	0.614	ug/L # 85
39) cis-1,3-Dichloropropene	7.60	75	2704	0.092	ug/L # 73
48) 2-Hexanone	8.70	43	19645	2.411	ug/L # 63
59) 1,2,3-Trichloropropane	11.84	75	8617	0.554	ug/L 98

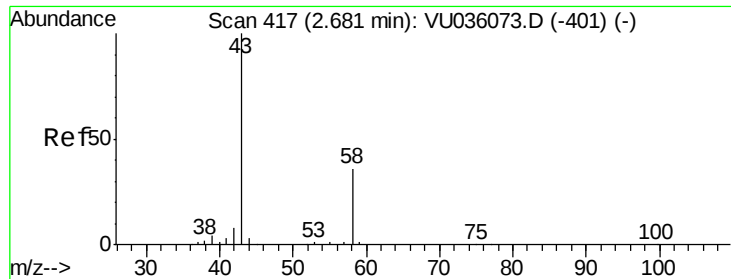
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.317 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036093.D

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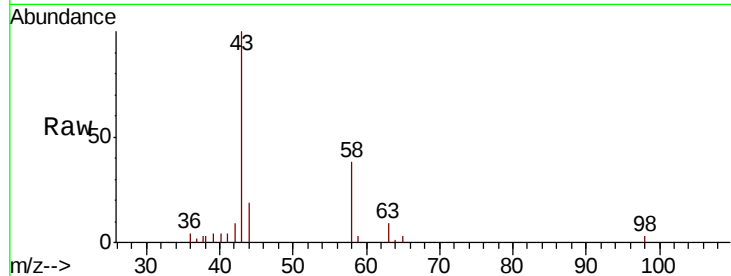
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 12665

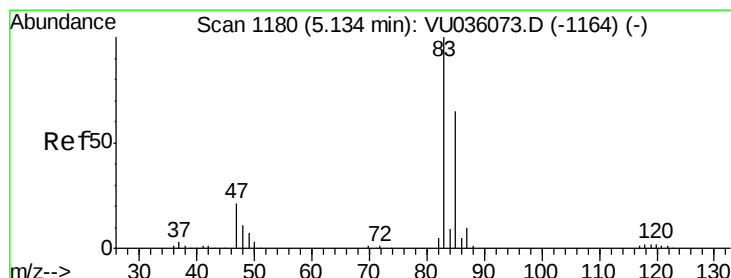
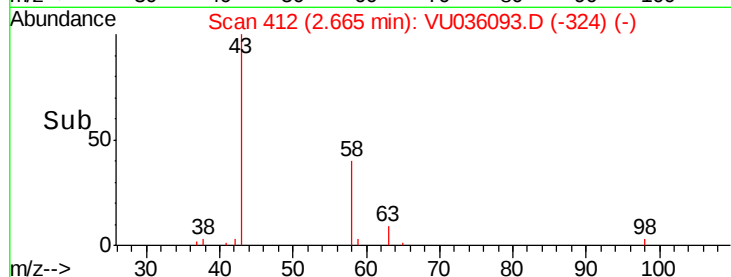
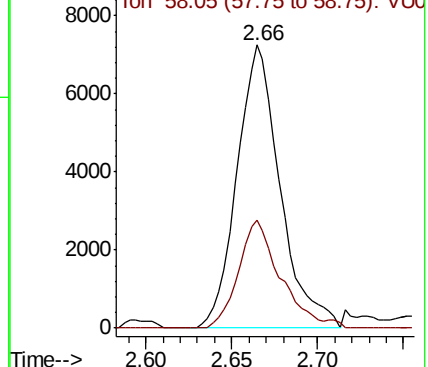
Ion Ratio Lower Upper

43 100

58 37.2 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036093.D (-324) (-)



#25

Chloroform

Concen: 0.477 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036093.D

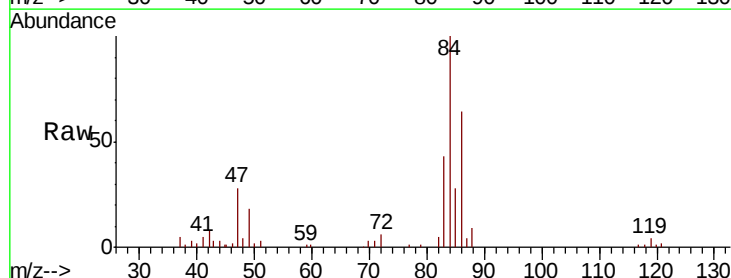
Acq: 10 Dec 2019 19:11

Tgt Ion: 83 Resp: 20095

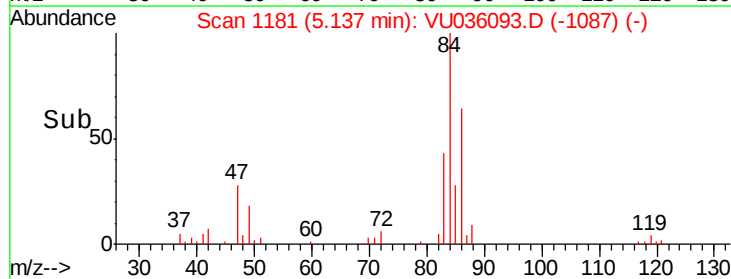
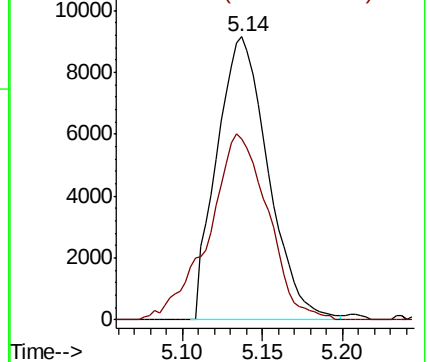
Ion Ratio Lower Upper

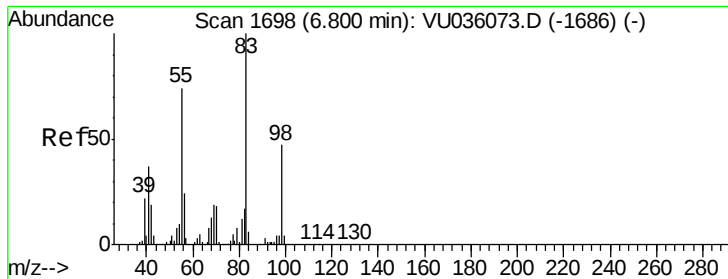
83 100

85 64.1 43.9 81.5



Abundance Ion 83.05 (82.75 to 83.75): VU036093.D (-1087) (-)





#35

Methylcyclohexane

Concen: 0.953 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036093.D

Acq: 10 Dec 2019 19:11

Instrument :

MSVOA_U

ClientSampleId :

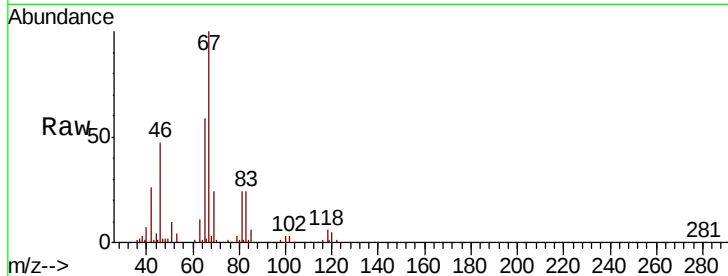
Tot Ion: 83 Resp: 29424

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

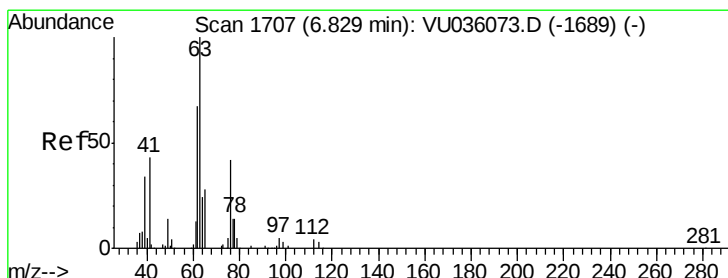
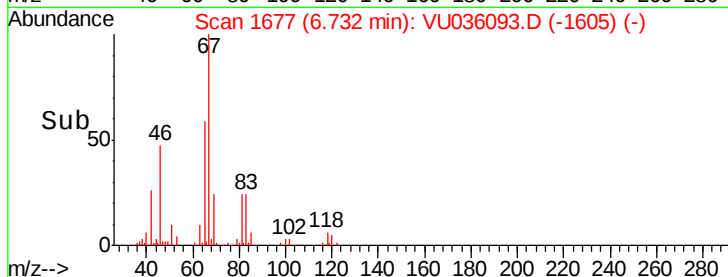
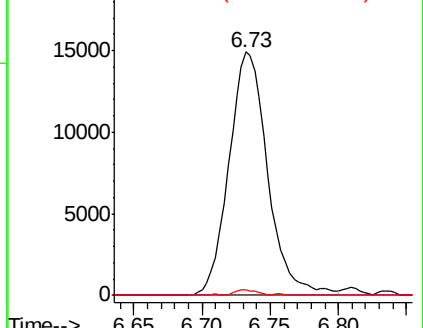
98 1.2 37.0 55.4#



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: 0.614 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036093.D

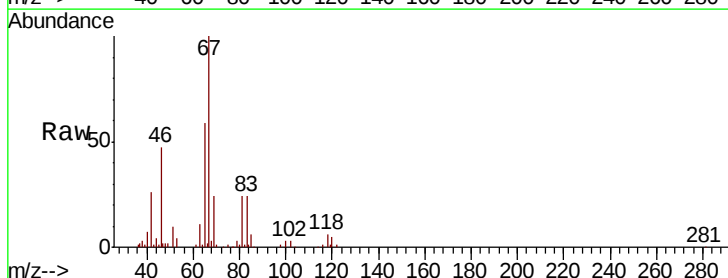
Acq: 10 Dec 2019 19:11

Tgt Ion: 63 Resp: 13362

Ion Ratio Lower Upper

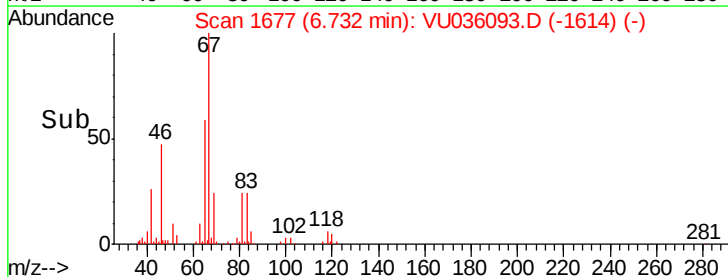
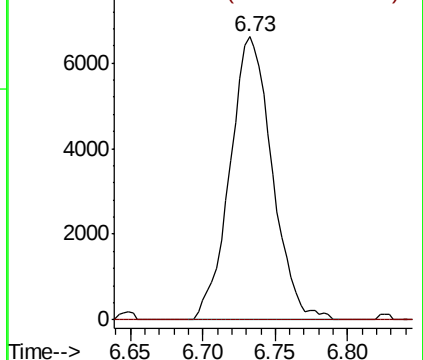
63 100

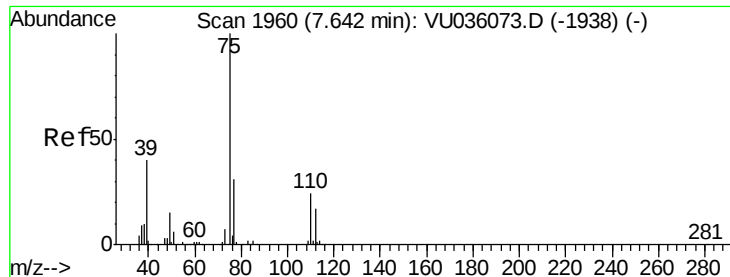
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

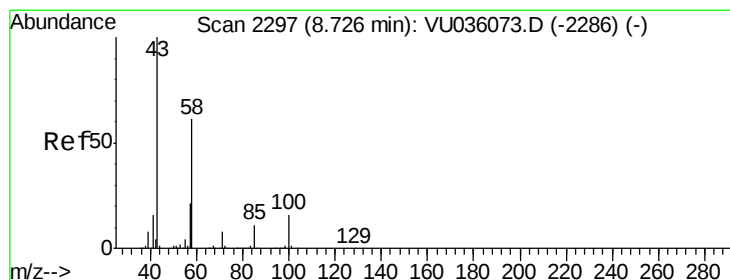
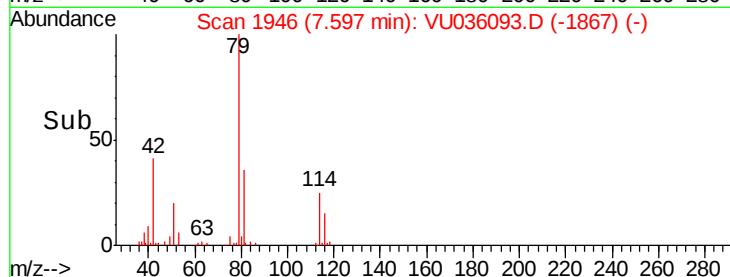
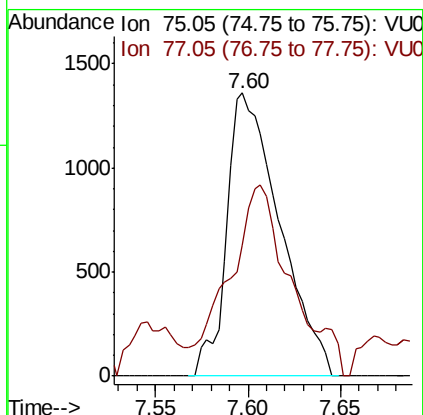
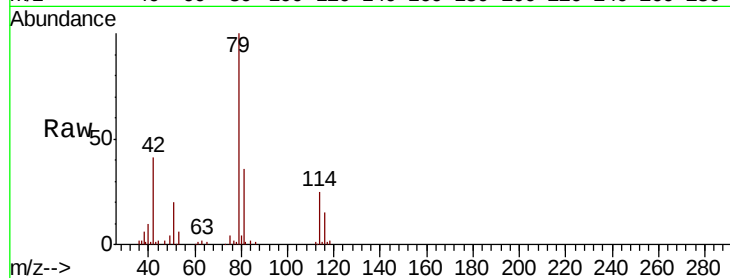




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VU036093.D
 Acq: 10 Dec 2019 19:11

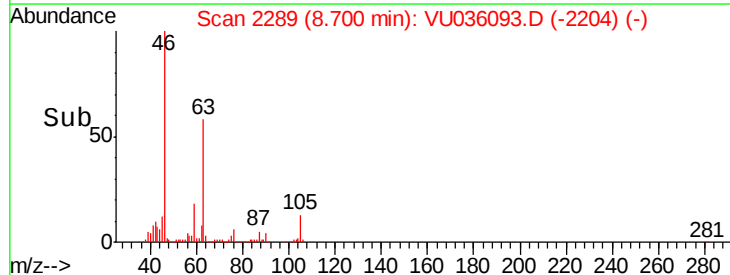
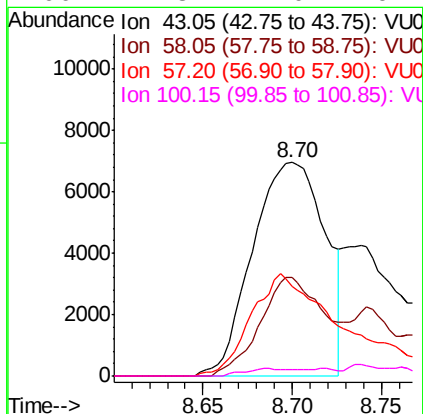
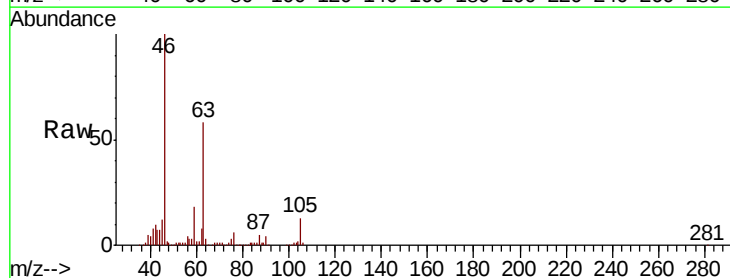
Instrument :
 MSVOA_U
 ClientSampleId :

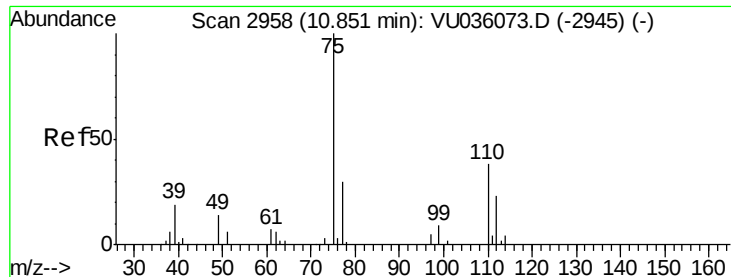
Tot Ion: 75 Resp: 2704
 Ion Ratio Lower Upper
 75 100
 77 46.1 21.7 40.3#



#48
 2-Hexanone
 Concen: 2.411 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. -0.03 min
 Lab File: VU036093.D
 Acq: 10 Dec 2019 19:11

Tgt Ion: 43 Resp: 19645
 Ion Ratio Lower Upper
 43 100
 58 43.3 46.9 70.3#
 57 62.3 16.4 24.6#
 100 2.8 11.0 16.4#





#59
 1,2,3-Trichloropropane
 Concen: 0.554 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU036093.D
 Acq: 10 Dec 2019 19:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 8617
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.7 40.1

