

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010820\
 Data File : VU036404.D
 Acq On : 08 Jan 2020 13:38
 Operator : JC/MD
 Sample : L1042-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 03:52:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 09 03:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	481638	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	457059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	176675	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	154222	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.18%
7) Chloroethane-d5	1.93	69	141308	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.28%
11) 1,1-Dichloroethene-d2	2.59	63	238578	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.64%
21) 2-Butanone-d5	4.68	46	281615	100.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.77%
24) Chloroform-d	5.11	84	328809	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	233533	53.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.54%
32) Benzene-d6	5.77	84	674529	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.73	67	220476	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.93	98	631447	51.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.21	79	113850	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.34%
47) 2-Hexanone-d5	8.67	63	219915	99.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	321464	49.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.34%
64) 1,2-Dichlorobenzene-d4	12.22	152	191573	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%

Target Compounds

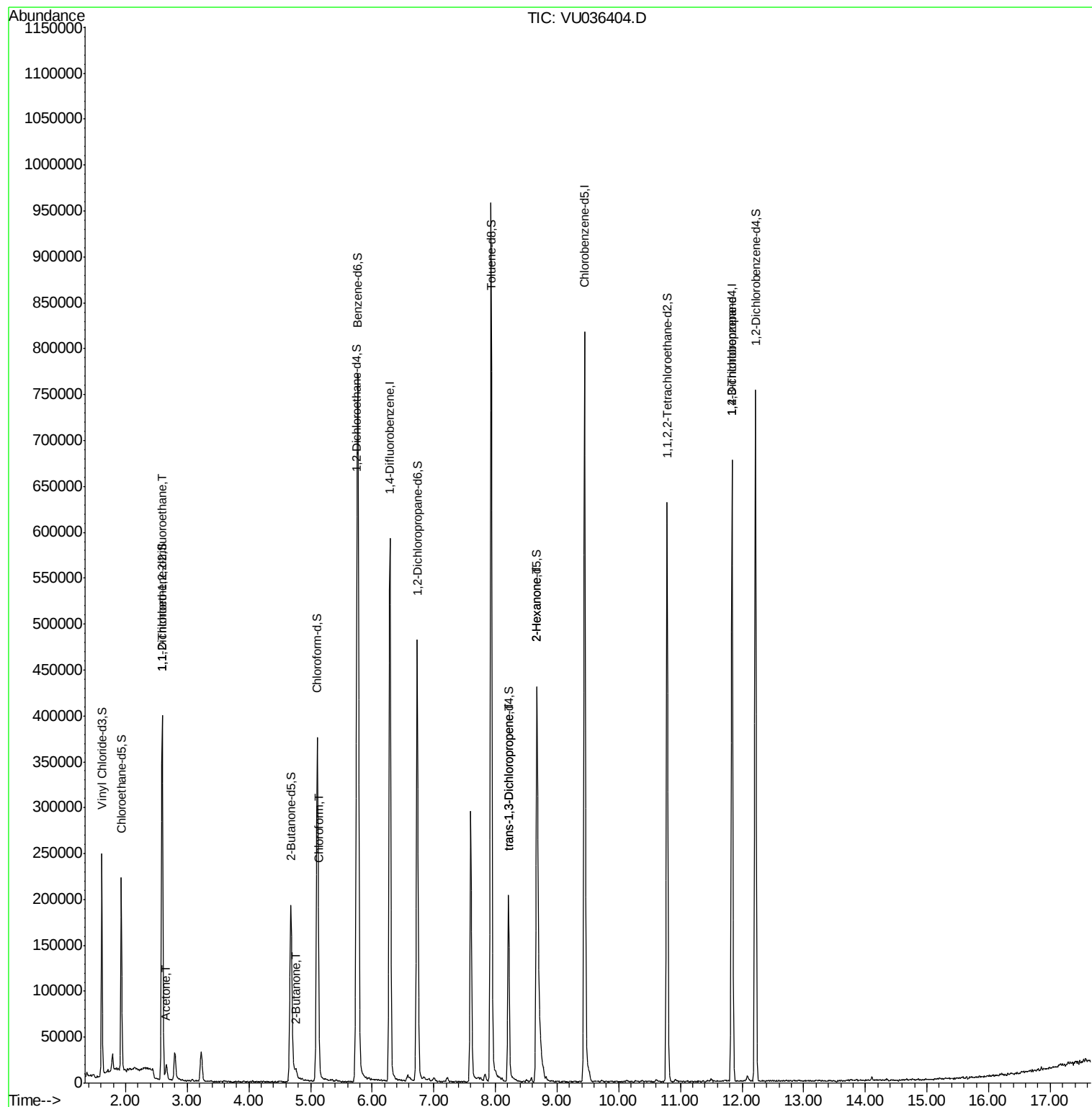
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2125	0.752 ug/L #	25
13) Acetone	2.66	43	17952	6.193 ug/L	93
22) 2-Butanone	4.76	43	8057	2.353 ug/L	88
25) Chloroform	5.14	83	10665	1.660 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	6644	1.172 ug/L	100
48) 2-Hexanone	8.67	43	21758	4.577 ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	25017	4.904 ug/L	89

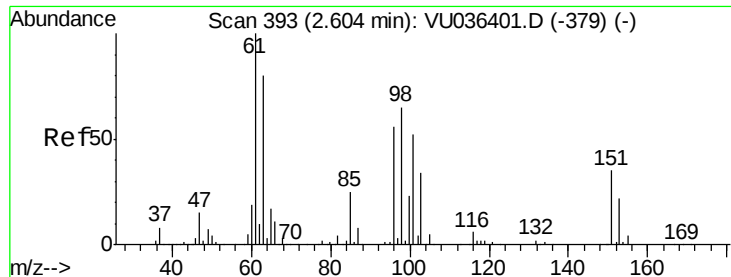
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.752 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU036404.D

Acq: 08 Jan 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

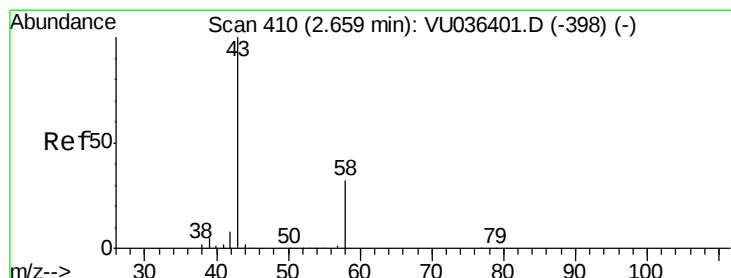
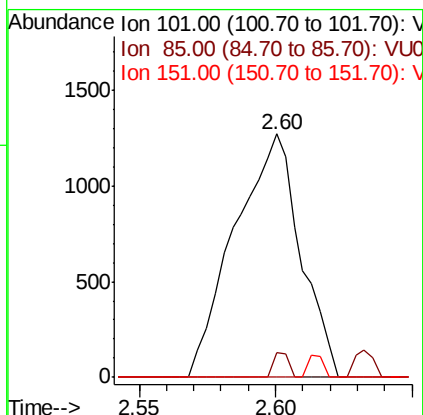
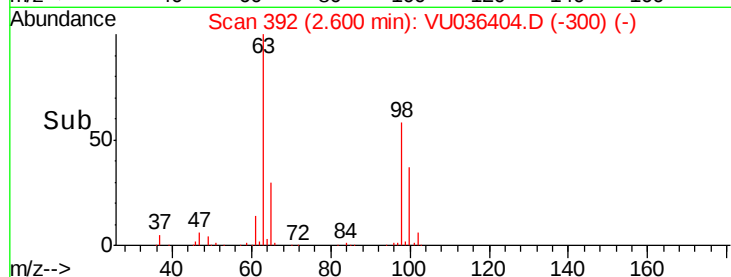
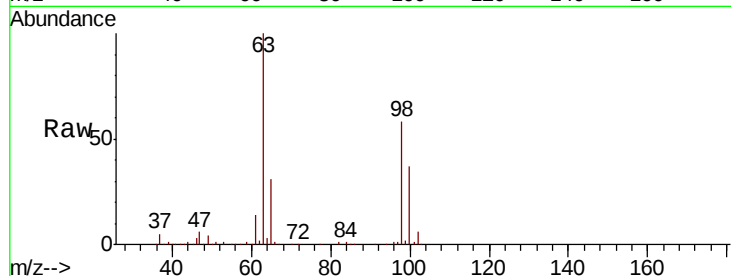
Tot Ion:101 Resp: 2125

Ion Ratio Lower Upper

101 100

85 2.3 37.1 55.7#

151 2.0 54.3 81.5#



#13

Acetone

Concen: 6.193 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036404.D

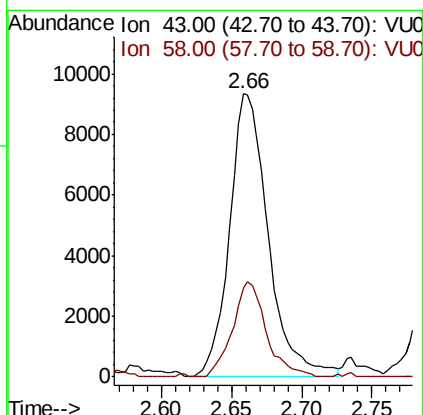
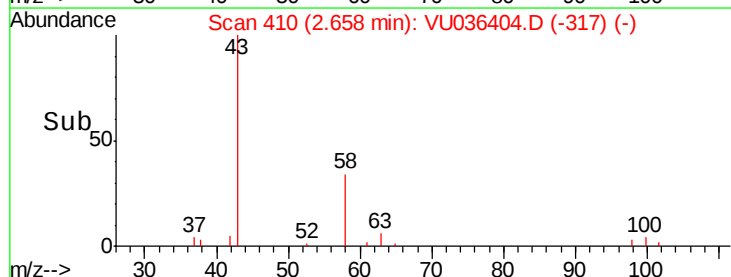
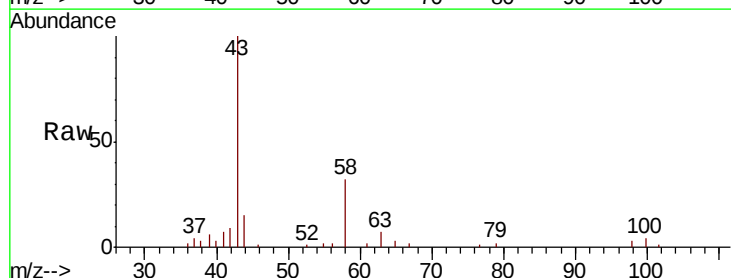
Acq: 08 Jan 2020 13:38

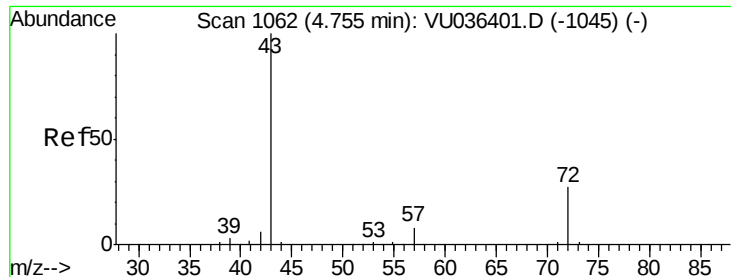
Tgt Ion: 43 Resp: 17952

Ion Ratio Lower Upper

43 100

58 29.2 0.0 66.2





#22

2-Butanone

Concen: 2.353 ug/L

RT: 4.76 min Scan# 1065

Delta R.T. 0.01 min

Lab File: VU036404.D

Acq: 08 Jan 2020 13:38

Instrument :

MSVOA_U

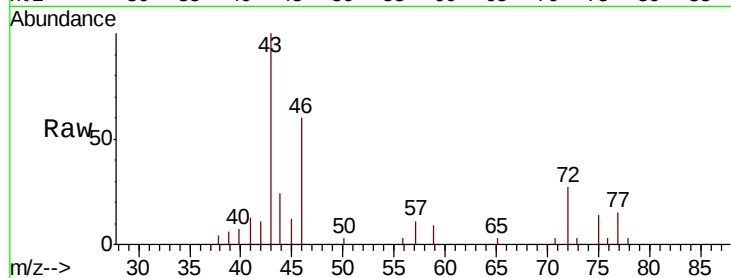
ClientSampleId :

Tot Ion: 43 Resp: 8057

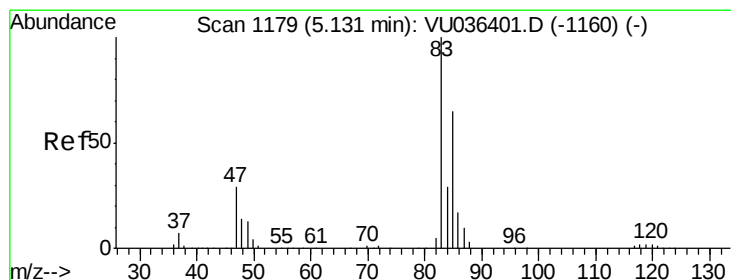
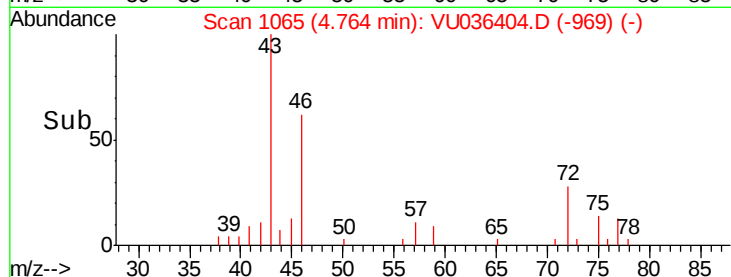
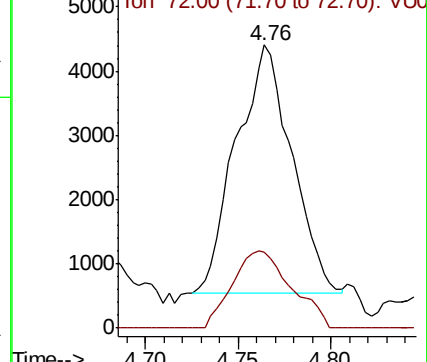
Ion Ratio Lower Upper

43 100

72 33.1 13.4 40.1



Abundance Ion 43.00 (42.70 to 43.70): VU036404.D (-1069) (-)



#25

Chloroform

Concen: 1.660 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VU036404.D

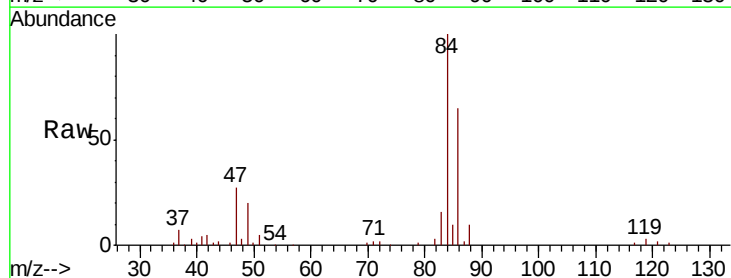
Acq: 08 Jan 2020 13:38

Tgt Ion: 83 Resp: 10665

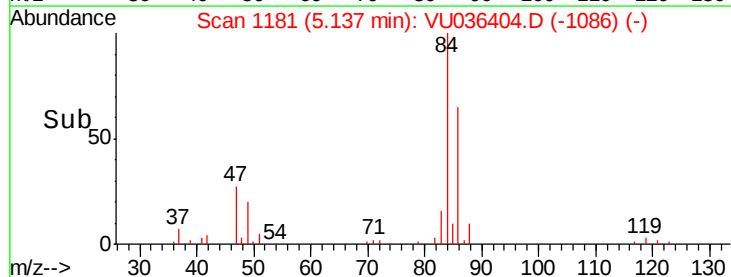
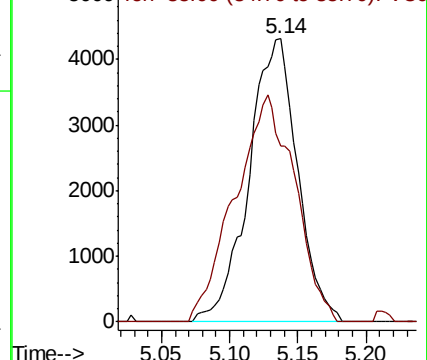
Ion Ratio Lower Upper

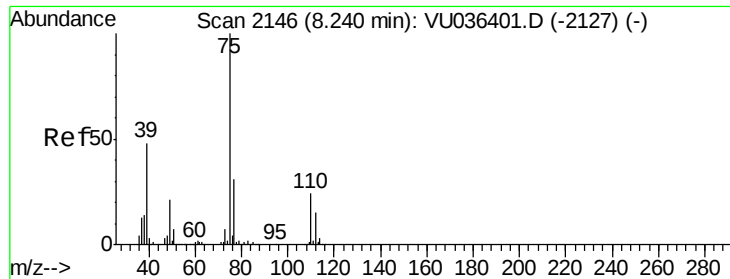
83 100

85 62.3 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036404.D (-1086) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.172 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036404.D

Acq: 08 Jan 2020 13:38

Instrument :

MSVOA_U

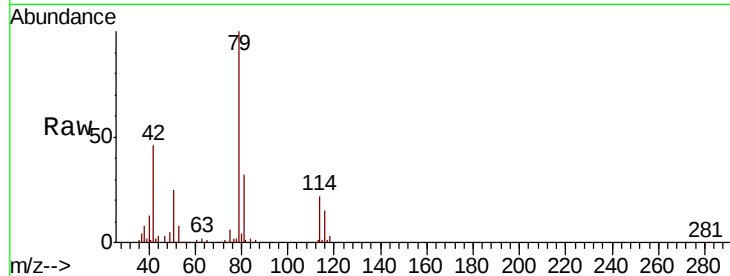
ClientSampleId :

Tot Ion: 75 Resp: 6644

Ion Ratio Lower Upper

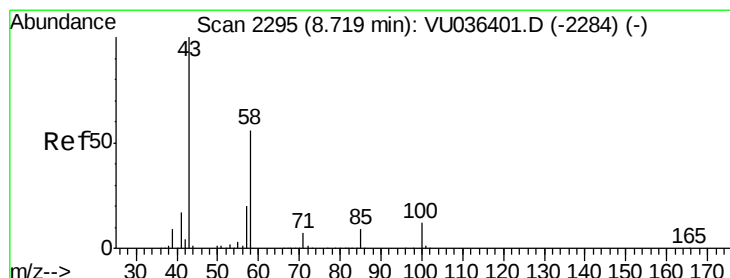
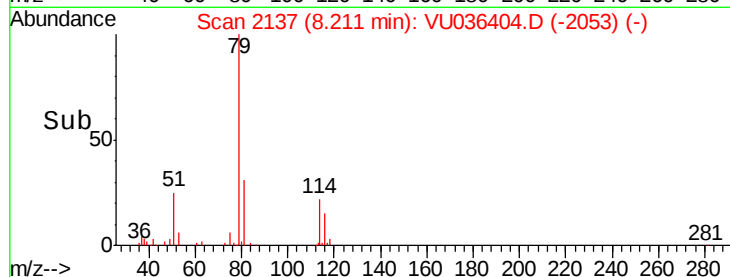
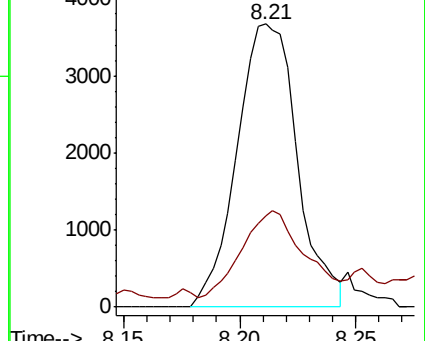
75 100

77 32.1 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VU036401.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036401.D (-2127) (-)



#48

2-Hexanone

Concen: 4.577 ug/L

RT: 8.67 min Scan# 2281

Delta R.T. -0.05 min

Lab File: VU036404.D

Acq: 08 Jan 2020 13:38

Tgt Ion: 43 Resp: 21758

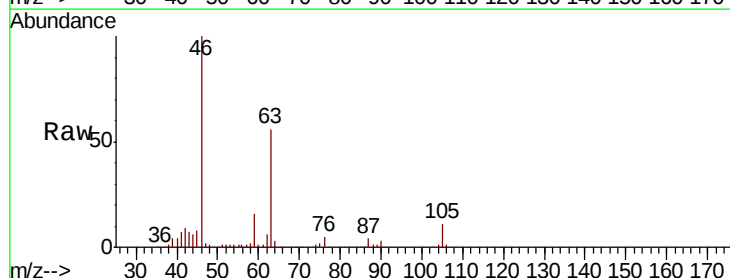
Ion Ratio Lower Upper

43 100

58 24.9 42.2 63.4#

57 22.7 14.8 22.2#

100 0.0 8.8 13.2#

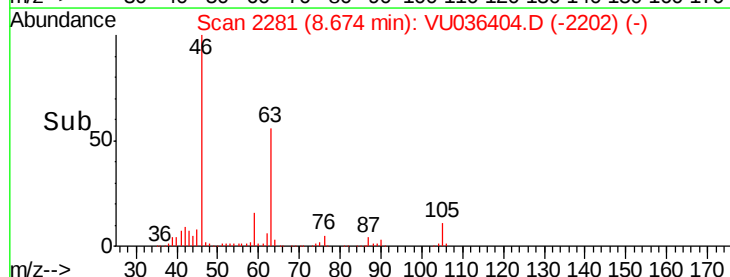
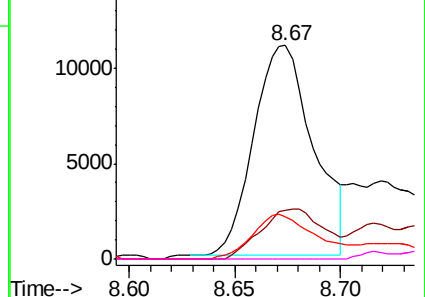


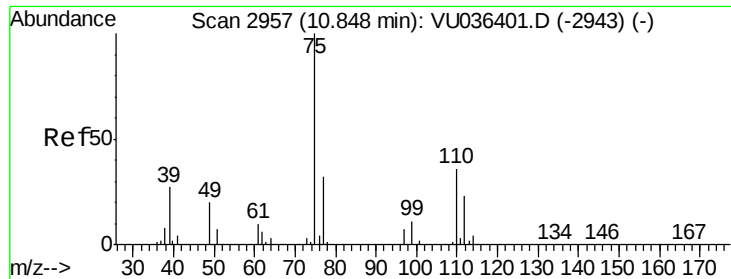
Abundance Ion 43.00 (42.70 to 43.70): VU036401.D (-2284) (-)

Ion 58.00 (57.70 to 58.70): VU036401.D (-2284) (-)

Ion 57.00 (56.70 to 57.70): VU036401.D (-2284) (-)

Ion 100.00 (99.70 to 100.70): VU036401.D (-2284) (-)





#59

1,2,3-Trichloropropane

Concen: 4.904 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036404.D

Acq: 08 Jan 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 25017

Ion Ratio Lower Upper

75 100

77 39.1 26.3 39.5

