

Data File : VU036981.D
Acq On : 28 Feb 2020 18:32
Operator : JC/MD
Sample : L1729-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW1

Quant Time: Feb 29 00:36:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83843	39.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.34%
7) Chloroethane-d5	1.93	69	77689	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.84%
11) 1,1-Dichloroethene-d2	2.59	63	110441	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.40%
21) 2-Butanone-d5	4.67	46	142987	100.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	5.11	84	151167	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	5.74	65	105025	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.76	84	328831	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
36) 1,2-Dichloropropane-d6	6.72	67	108918	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.92	98	298063	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%
43) trans-1,3-Dichloropropene-	8.20	79	47034	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.76%
47) 2-Hexanone-d5	8.66	63	106923	96.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.97%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152596	48.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	89898	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

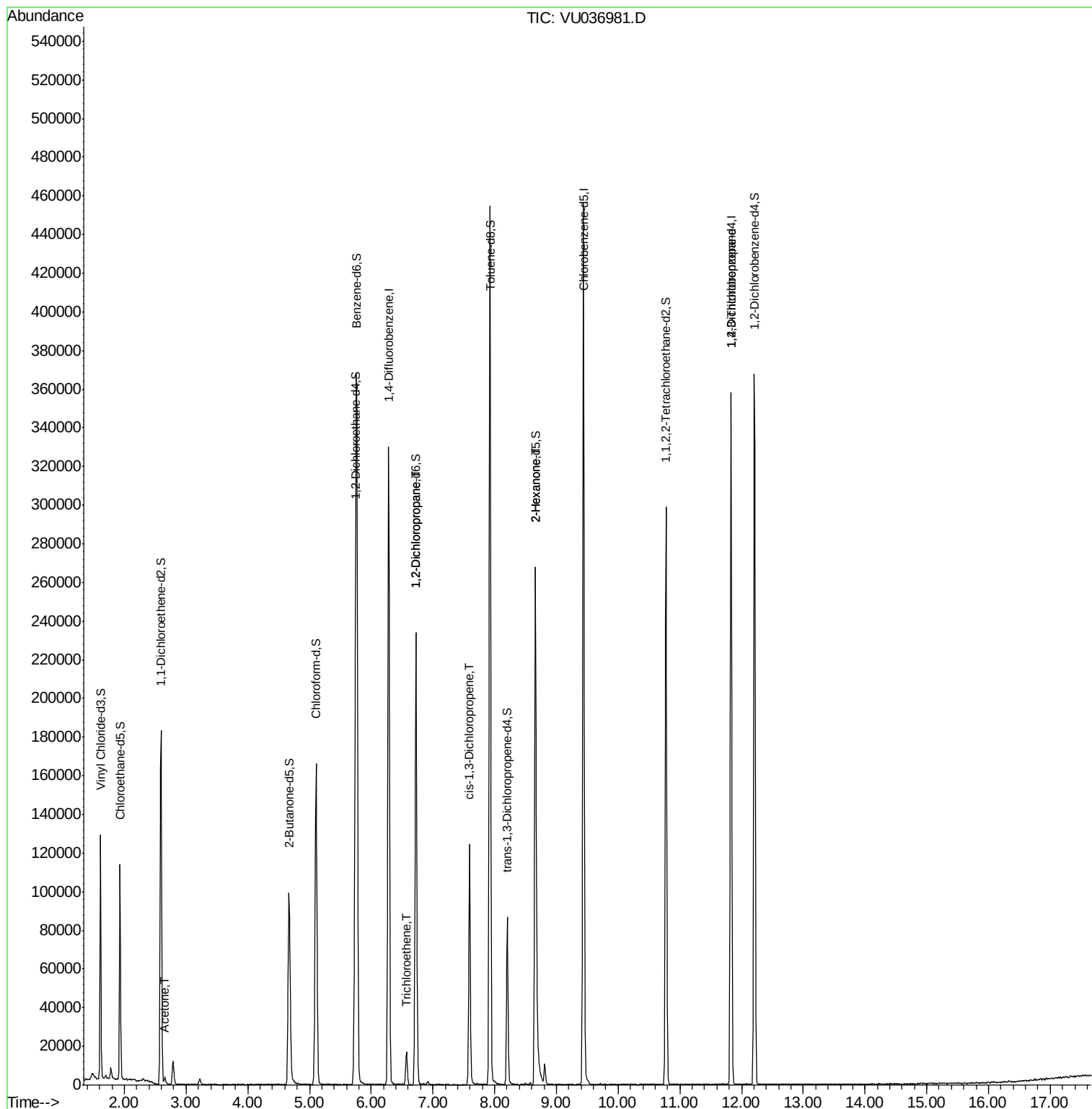
					Qvalue
13) Acetone	2.66	43	3696	2.535 ug/L	100
34) Trichloroethene	6.58	95	4974	2.661 ug/L	95
37) 1,2-Dichloropropane	6.72	63	11693	5.711 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2856	0.906 ug/L #	56
48) 2-Hexanone	8.66	43	12452	5.172 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	13432	5.100 ug/L	93

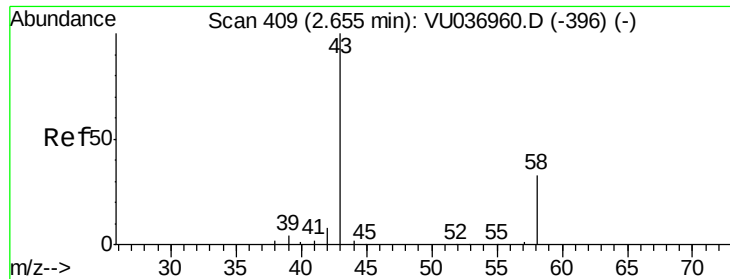
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.535 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036981.D

Acq: 28 Feb 2020 18:32

Instrument :

MSVOA_U

ClientSampleId :

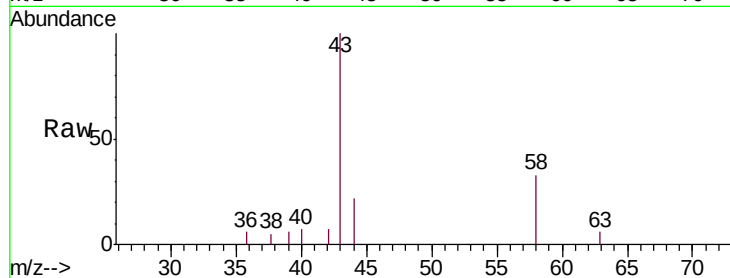
C0AW1

Tgt Ion: 43 Resp: 3696

Ion Ratio Lower Upper

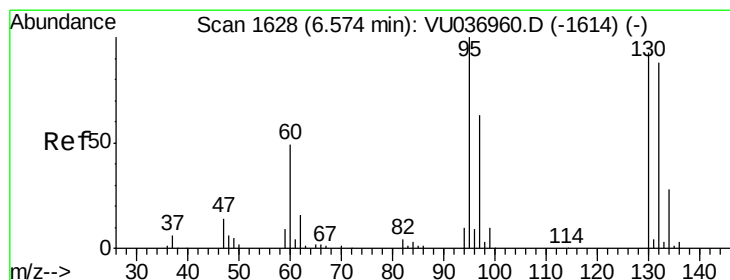
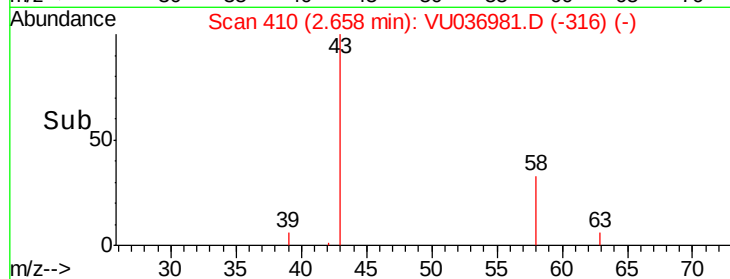
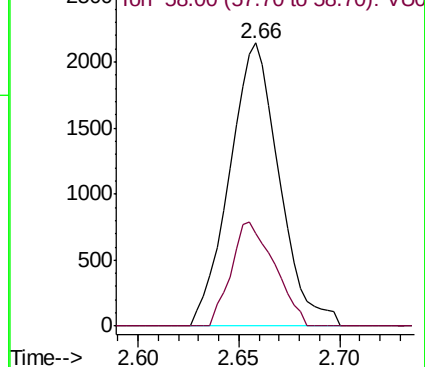
43 100

58 32.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036981.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036981.D (-316) (-)



#34

Trichloroethene

Concen: 2.661 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036981.D

Acq: 28 Feb 2020 18:32

Tgt Ion: 95 Resp: 4974

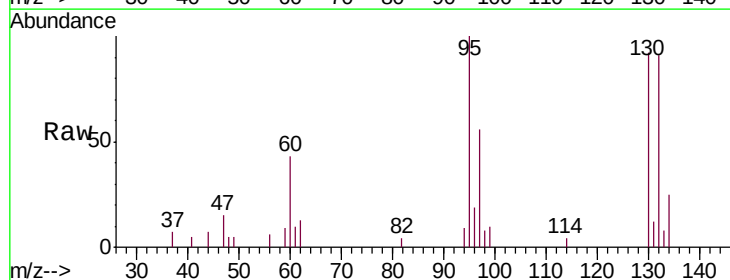
Ion Ratio Lower Upper

95 100

97 55.7 44.1 81.9

132 91.3 60.6 112.6

130 91.6 64.9 120.5

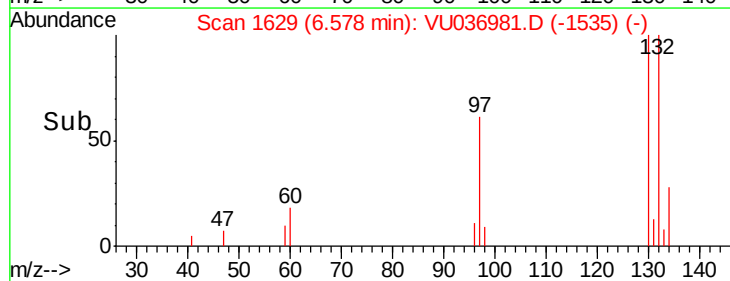
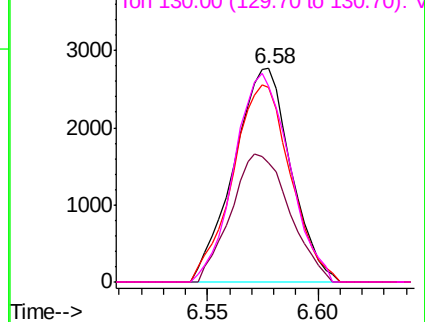


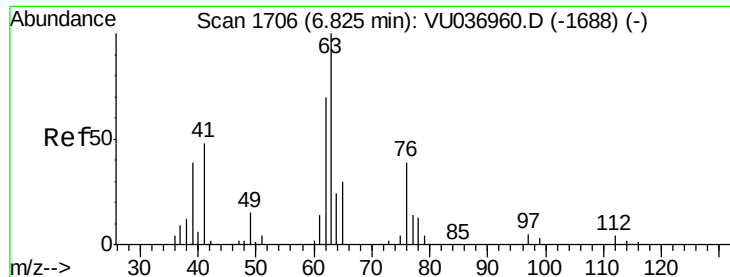
Abundance Ion 95.00 (94.70 to 95.70): VU036981.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU036981.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU036981.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU036981.D (-1535) (-)

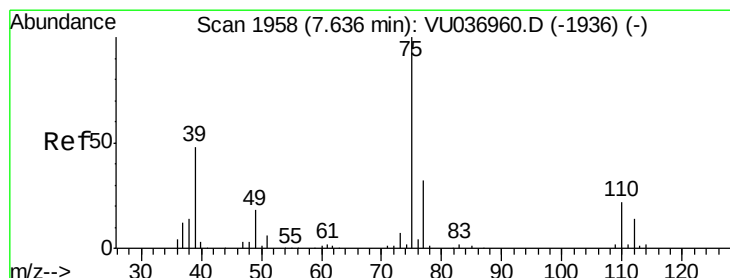
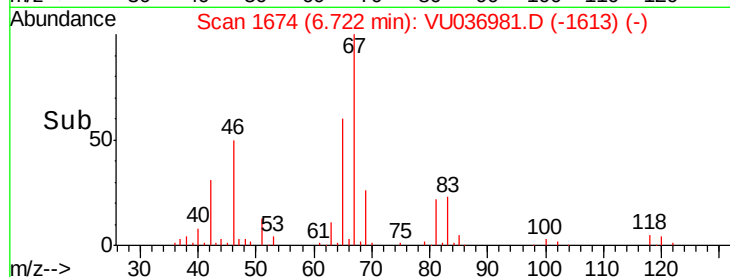
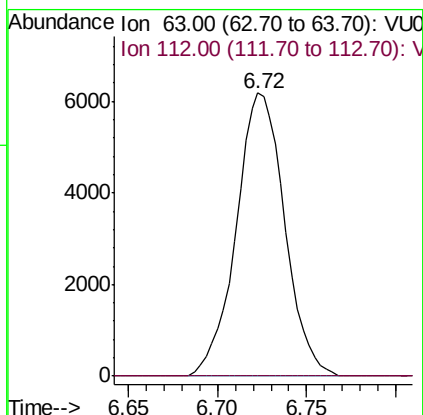
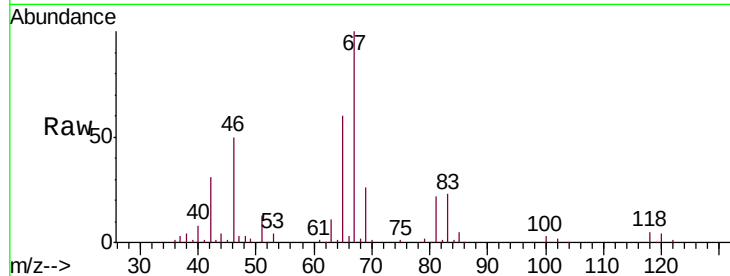




#37
 1,2-Dichloropropane
 Concen: 5.711 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036981.D
 Acq: 28 Feb 2020 18:32

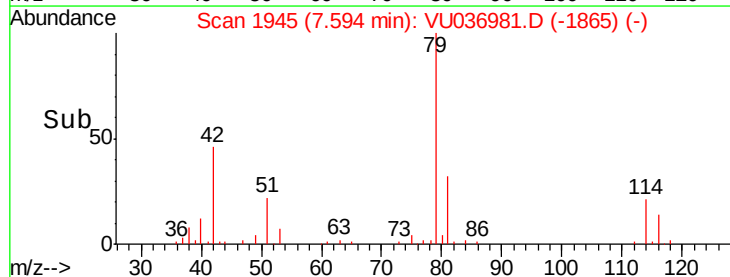
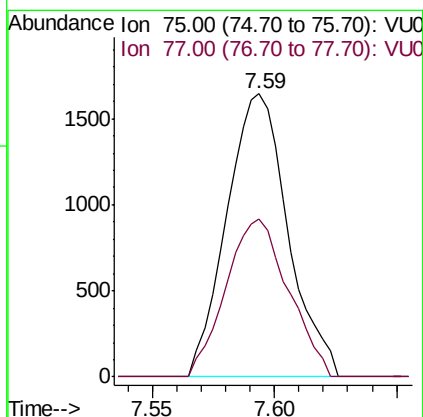
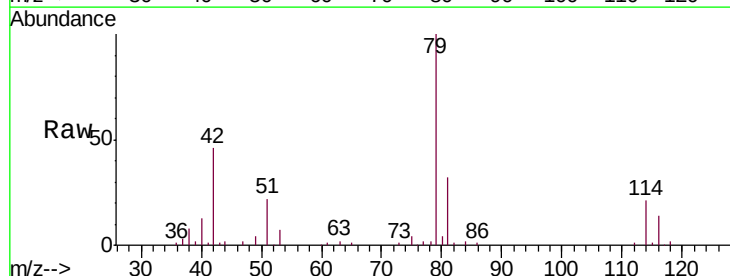
Instrument :
 MSVOA_U
 ClientSampled :
 C0AW1

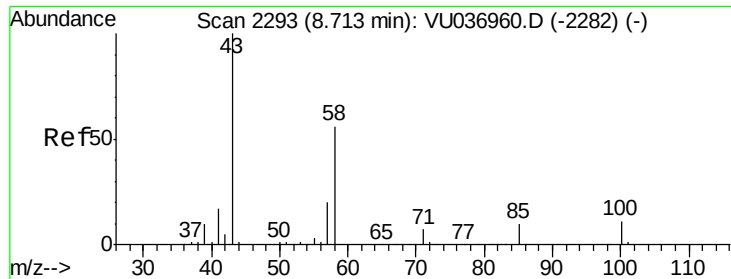
Tgt Ion: 63 Resp: 11693
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.906 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036981.D
 Acq: 28 Feb 2020 18:32

Tgt Ion: 75 Resp: 2856
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.0 41.0#

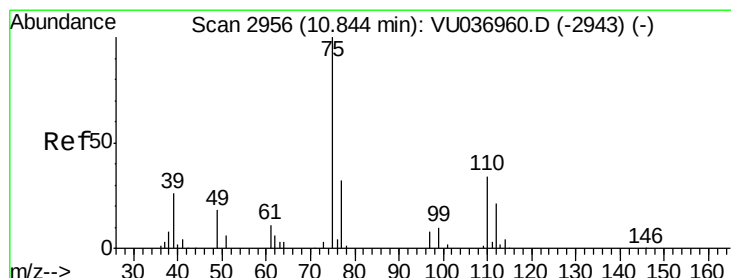
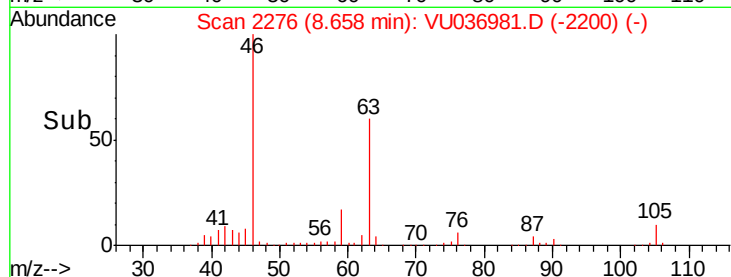
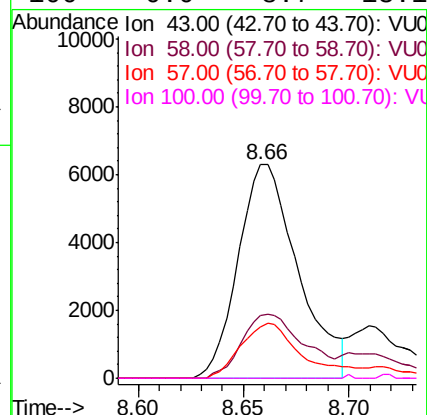
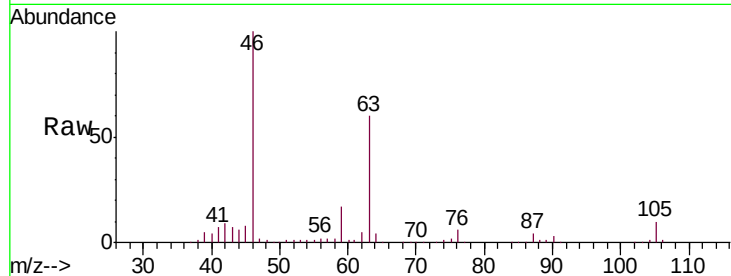




#48
 2-Hexanone
 Concen: 5.172 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU036981.D
 Acq: 28 Feb 2020 18:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW1

Tgt Ion: 43 Resp: 12452
 Ion Ratio Lower Upper
 43 100
 58 31.4 43.5 65.3#
 57 26.6 15.1 22.7#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.100 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036981.D
 Acq: 28 Feb 2020 18:32

Tgt Ion: 75 Resp: 13432
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.2 39.2

