

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036275.D
 Acq On : 18 Dec 2019 16:11
 Operator : JC/MD
 Sample : K6281-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 19 00:54:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 19 00:50:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244009	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	264384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100324	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124172	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	1.93	69	106814	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.59	63	122872	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.69	46	178974	44.46	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.92%
24) Chloroform-d	5.11	84	168443	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.75	65	87327	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.77	84	317829	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	98936	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.93	98	248921	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.21	79	36747	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.67	63	138373	42.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86451	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	94861	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

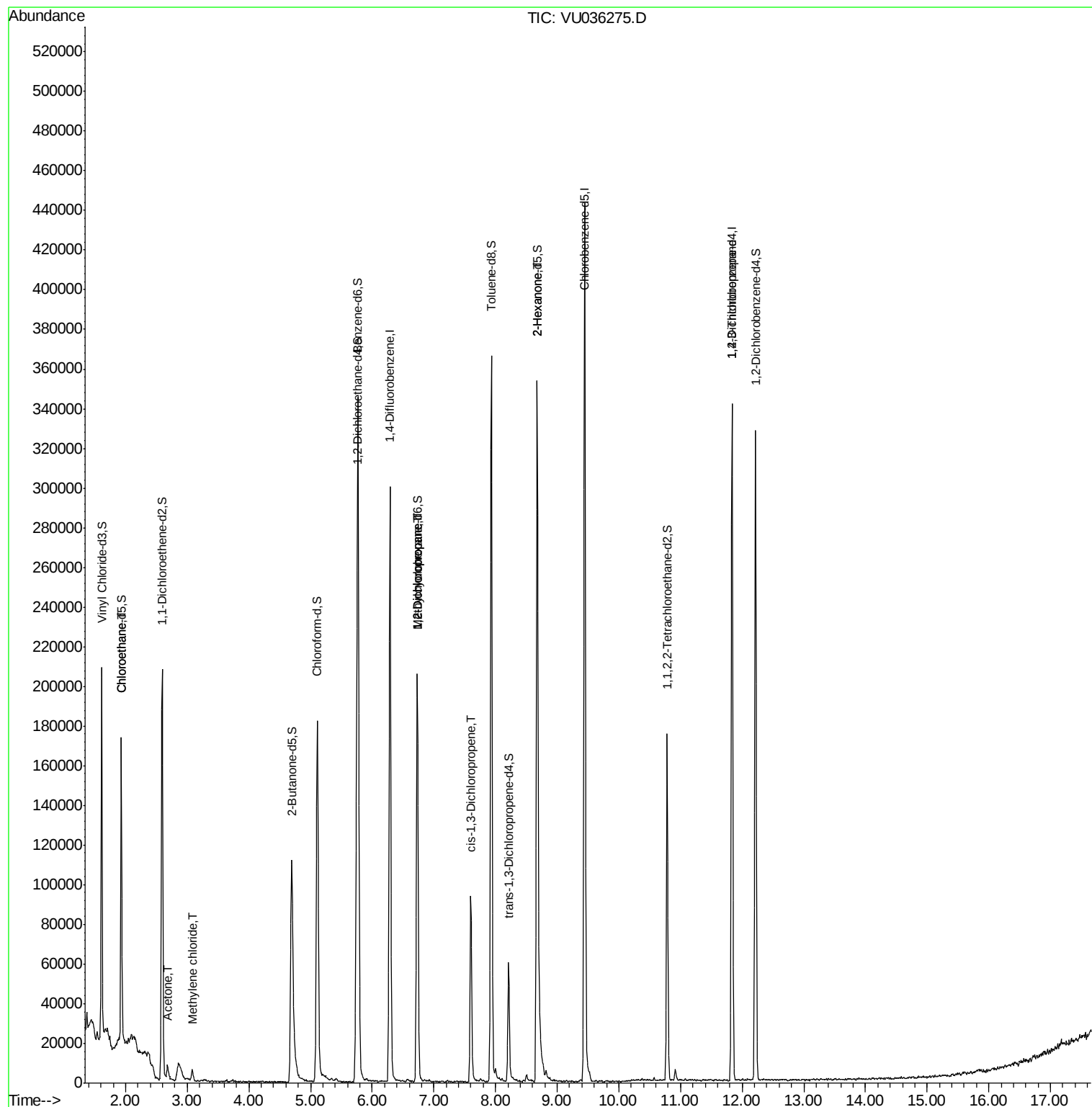
Target Compounds

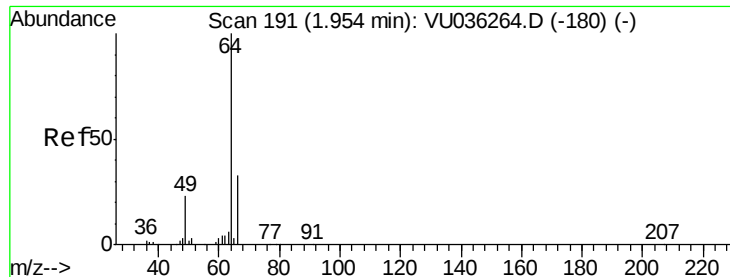
					Ovalue
8) Chloroethane	1.93	64	2409	0.124 ug/L #	51
13) Acetone	2.68	43	9709	2.767 ug/L	93
16) Methylene chloride	3.08	84	2698	0.101 ug/L #	88
35) Methylcyclohexane	6.73	83	24316	0.816 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10769	0.520 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2556	0.091 ug/L #	70
48) 2-Hexanone	8.67	43	17164	2.121 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	11077	0.804 ug/L	97

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

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#8

Chloroethane

Concen: 0.124 ug/L

RT: 1.93 min Scan# 182

Delta R.T. -0.03 min

Lab File: VU036275.D

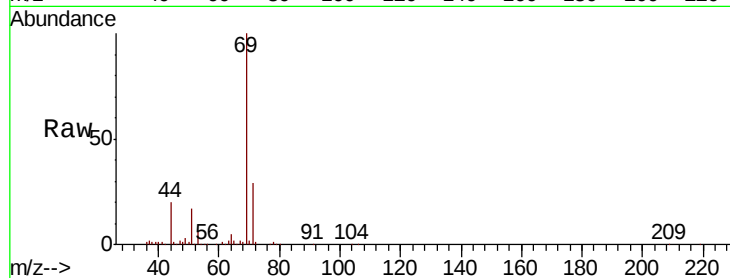
Acq: 18 Dec 2019 16:11

Tot Ion: 64 Resp: 2409

Ion Ratio Lower Upper

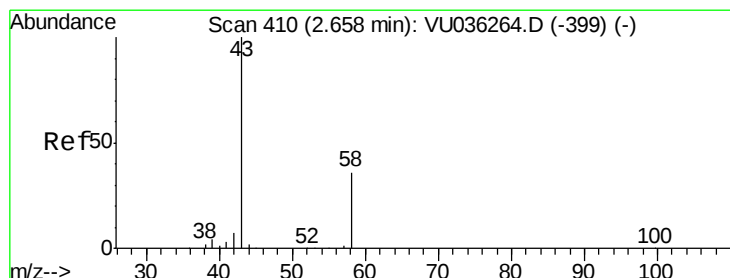
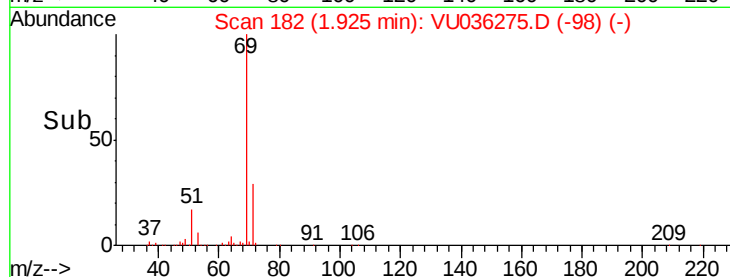
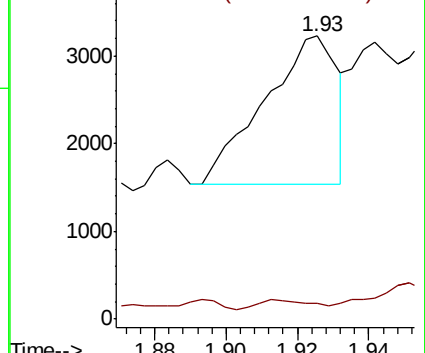
64 100

66 5.4 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 2.767 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036275.D

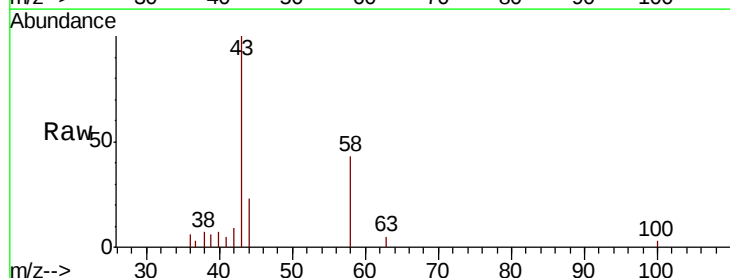
Acq: 18 Dec 2019 16:11

Tgt Ion: 43 Resp: 9709

Ion Ratio Lower Upper

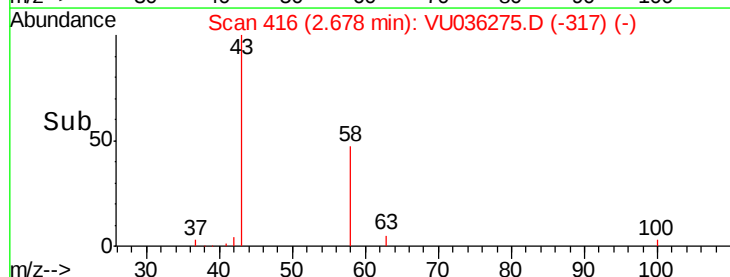
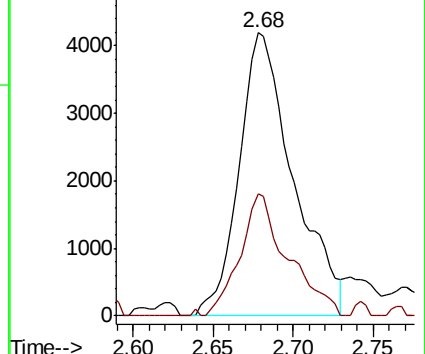
43 100

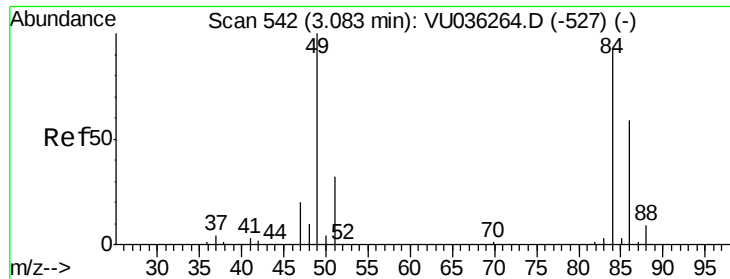
58 37.9 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

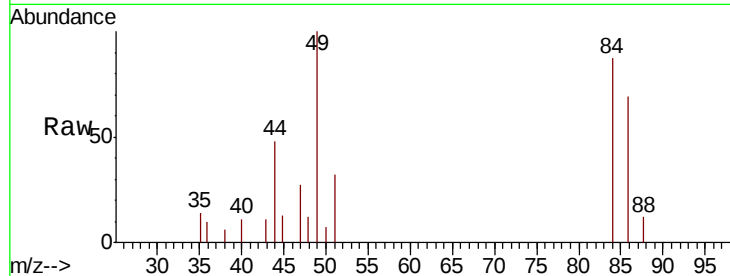
Ion 58.05 (57.75 to 58.75): VU0



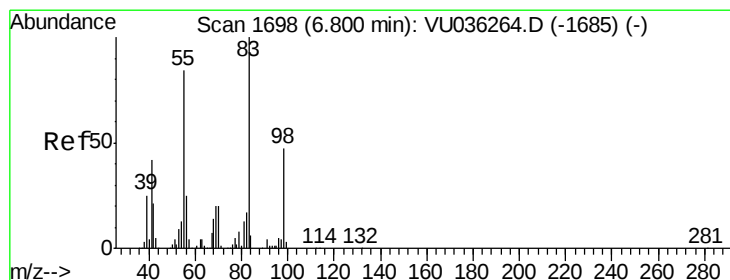
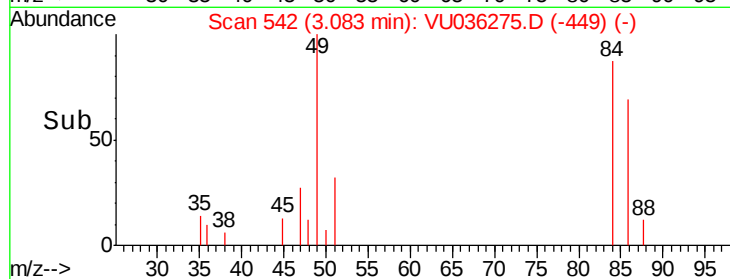
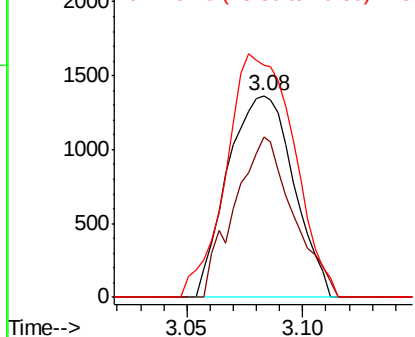


#16
Methylene chloride
Concen: 0.101 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036275.D
Acq: 18 Dec 2019 16:11

Tot Ion: 84 Resp: 2698
Ion Ratio Lower Upper
84 100
86 79.8 43.0 79.8#
49 115.2 77.3 143.5

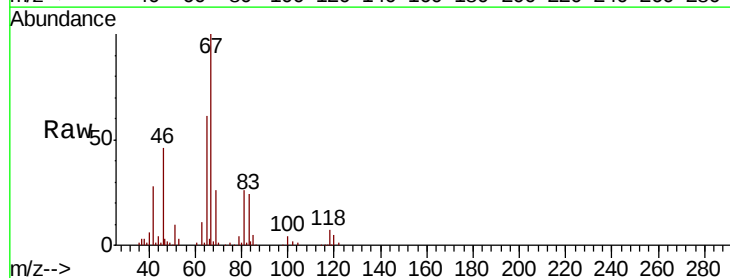


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

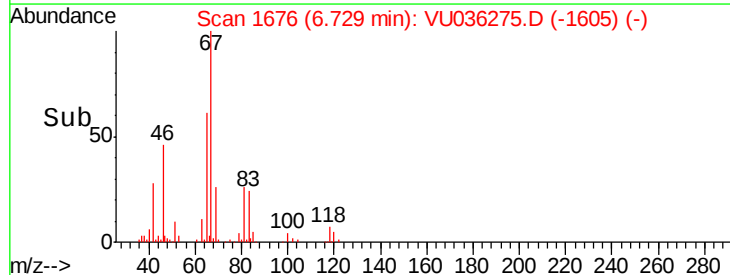
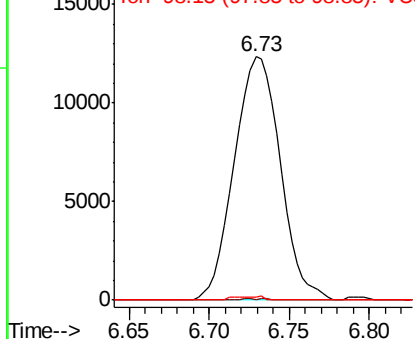


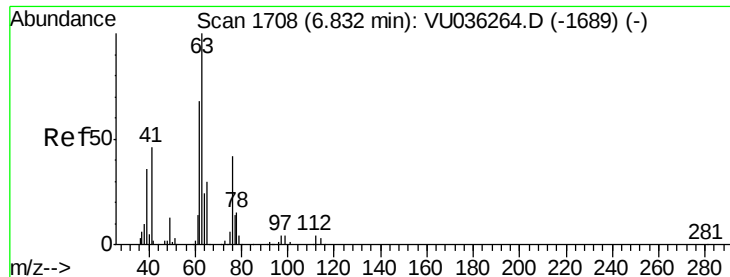
#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036275.D
Acq: 18 Dec 2019 16:11

Tgt Ion: 83 Resp: 24316
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.9 36.2 54.2#



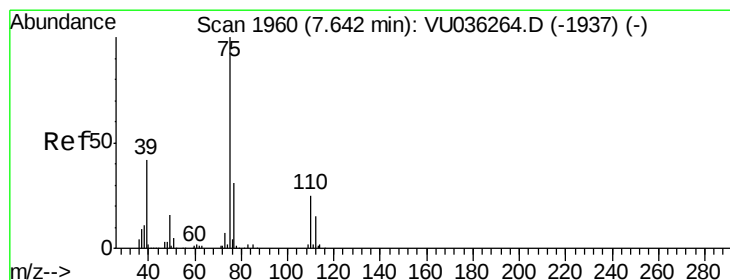
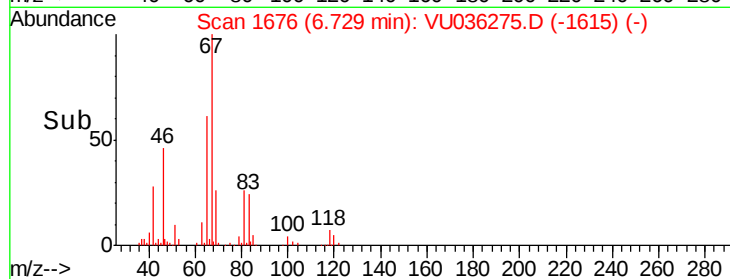
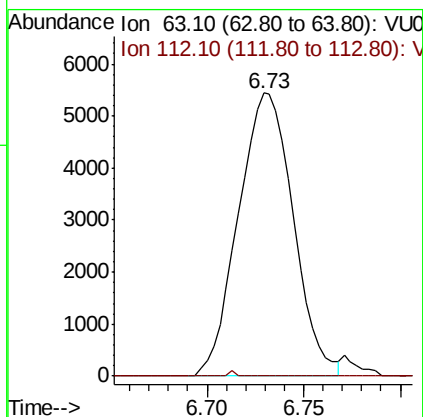
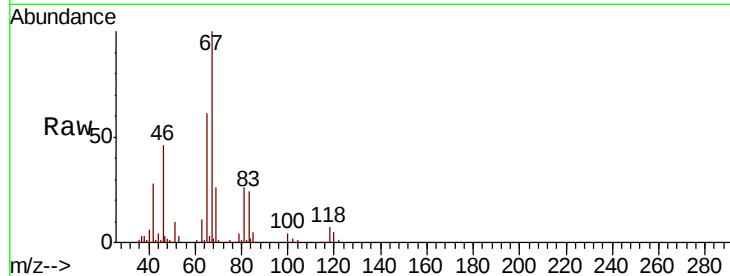
Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





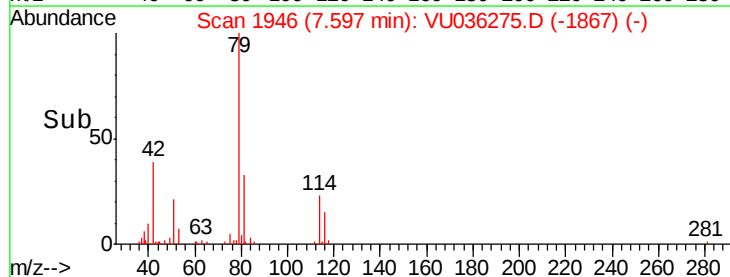
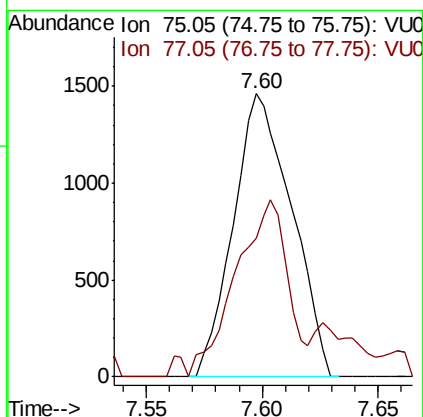
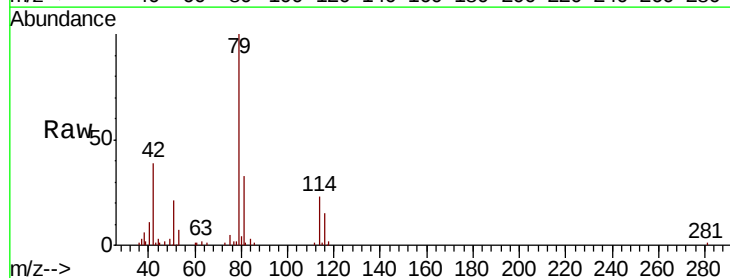
#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036275.D
 Acq: 18 Dec 2019 16:11

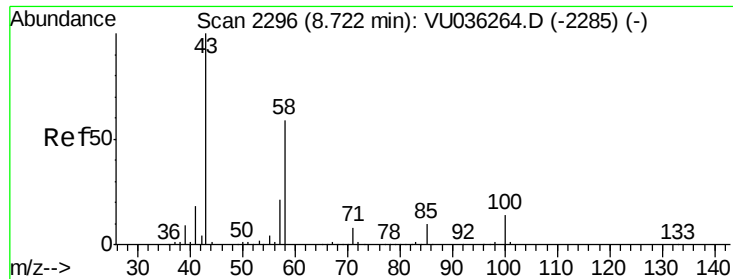
Tot Ion: 63 Resp: 10769
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036275.D
 Acq: 18 Dec 2019 16:11

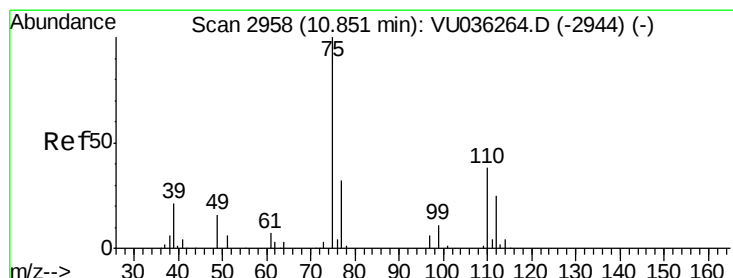
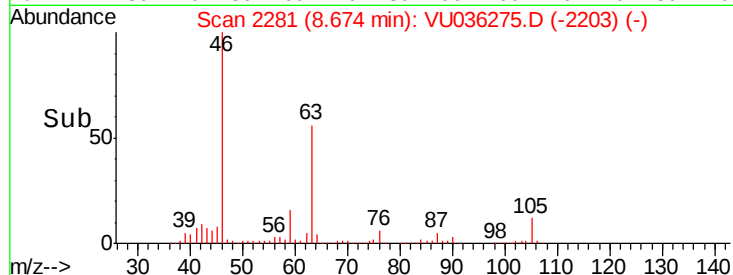
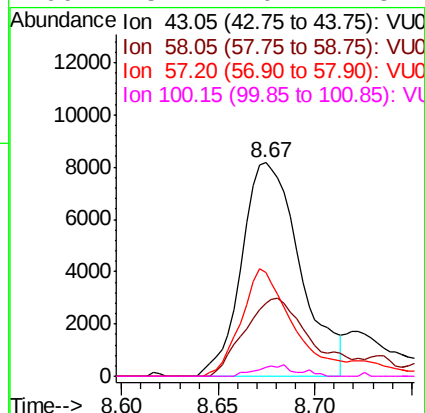
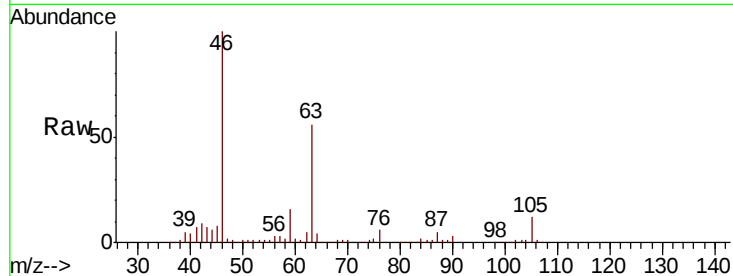
Tgt Ion: 75 Resp: 2556
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.7 42.1#





#48
2-Hexanone
Concen: 2.121 ug/L
RT: 8.67 min Scan# 2281
Delta R.T. -0.05 min
Lab File: VU036275.D
Acq: 18 Dec 2019 16:11

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.4	46.2	69.2#
57	44.6	16.2	24.4#
100	3.2	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 0.804 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.98 min
Lab File: VU036275.D
Acq: 18 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.5	27.2	40.8

