

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\  
 Data File : VU037631.D  
 Acq On : 09 Apr 2020 20:16  
 Operator : JC/MD  
 Sample : L1885-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 10 03:15:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 10 03:10:48 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	514805	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	494480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	237143	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	205128	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.93	69	178775	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.59	63	267866	36.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.04%
21) 2-Butanone-d5	4.66	46	392387	107.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.61%
24) Chloroform-d	5.10	84	339470	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
26) 1,2-Dichloroethane-d4	5.74	65	239583	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.30%
32) Benzene-d6	5.76	84	736889	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	6.72	67	249028	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.86%
41) Toluene-d8	7.92	98	669856	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%
43) trans-1,3-Dichloropropene-	8.20	79	128385	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.08%
47) 2-Hexanone-d5	8.65	63	295845	106.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.71%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	346674	50.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.36%
64) 1,2-Dichlorobenzene-d4	12.20	152	245912	49.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.66%

## Target Compounds

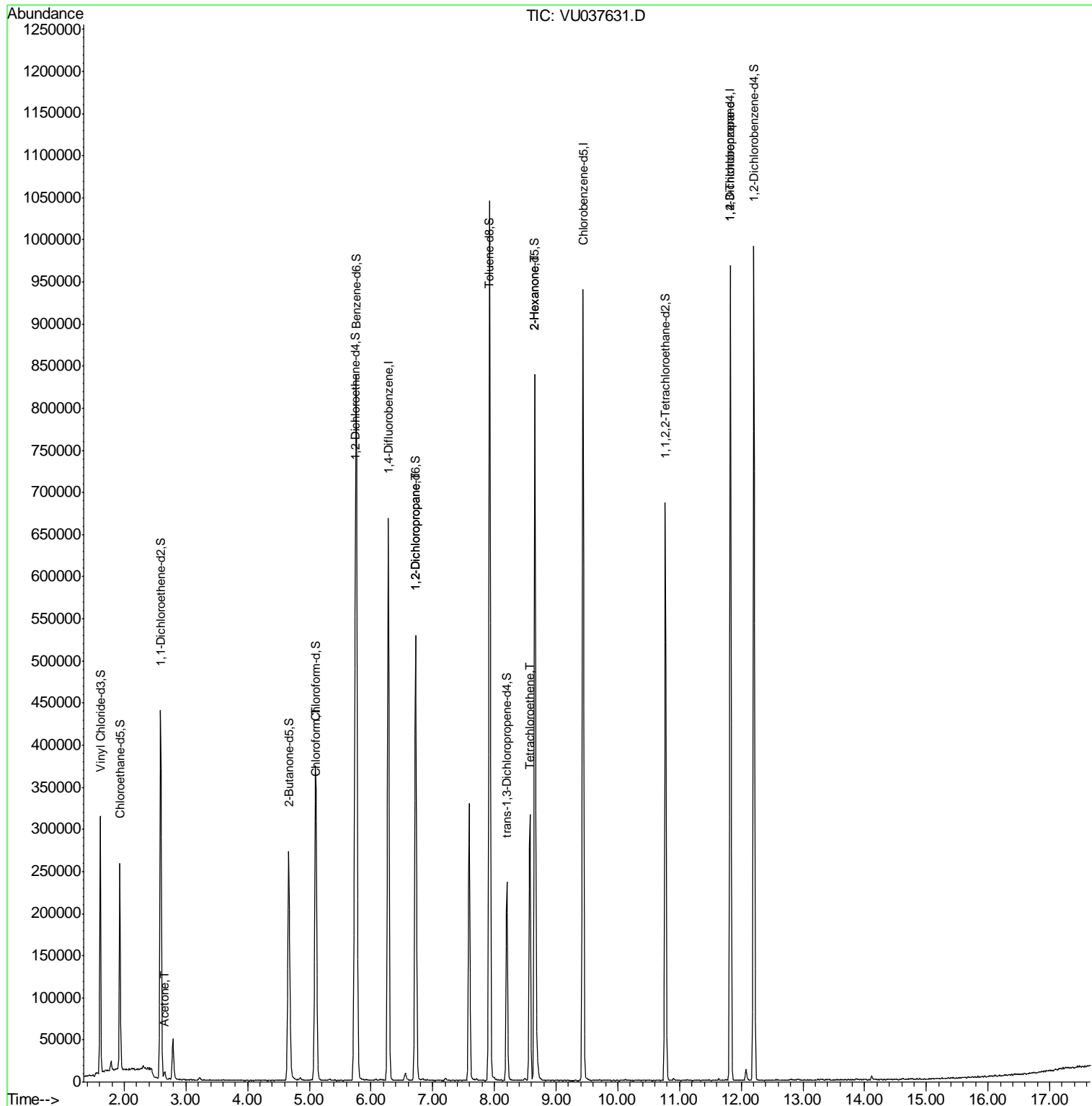
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	8893	4.130	ug/L	92
25) Chloroform	5.12	83	5744	0.882	ug/L	85
37) 1,2-Dichloropropane	6.72	63	25953	6.277	ug/L #	87
46) Tetrachloroethene	8.57	164	68940	25.013	ug/L	96
48) 2-Hexanone	8.65	43	33269	5.738	ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	33246	5.919	ug/L	93

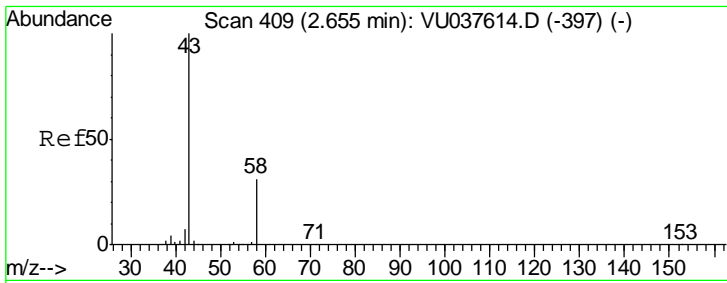
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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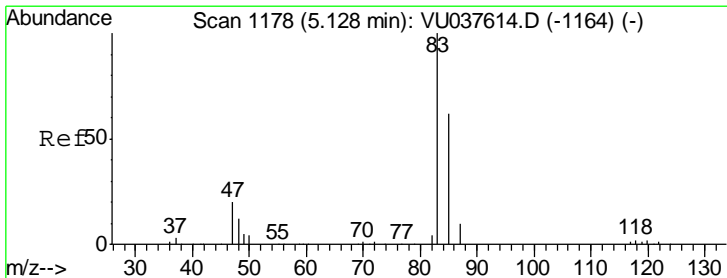
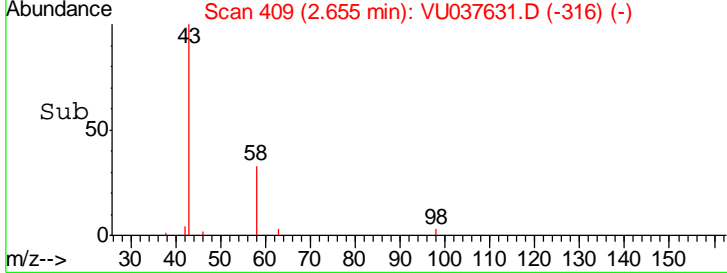
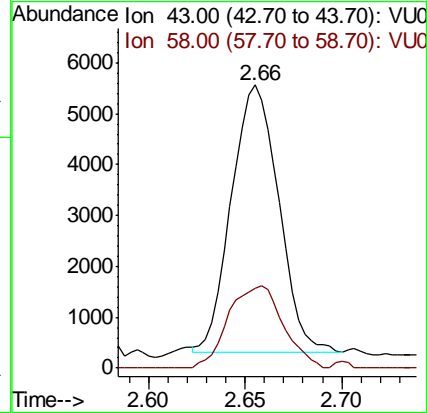
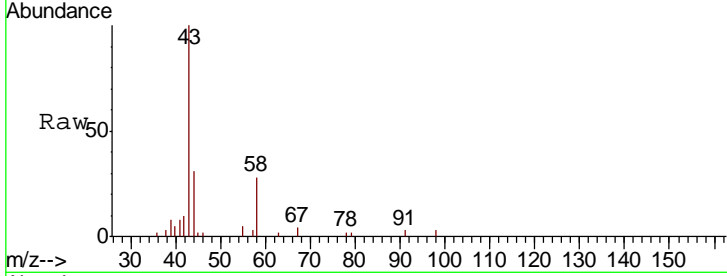




#13  
 Acetone  
 Concen: 4.130 ug/L  
 RT: 2.66 min Scan# 409  
 Delta R.T. 0.00 min  
 Lab File: VU037631.D  
 Acq: 09 Apr 2020 20:16

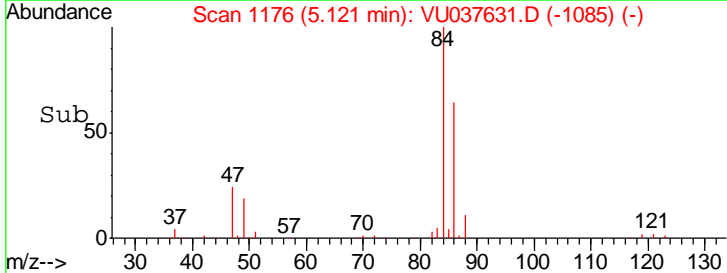
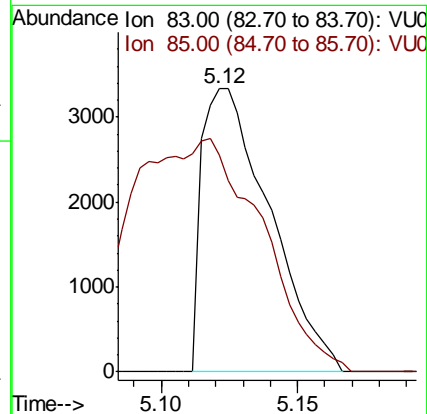
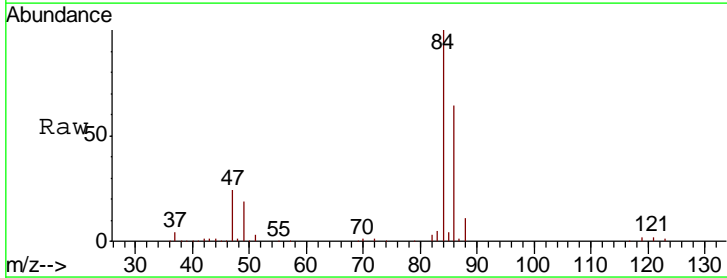
Instrument :  
 MSVOA\_U  
 ClientSampled :

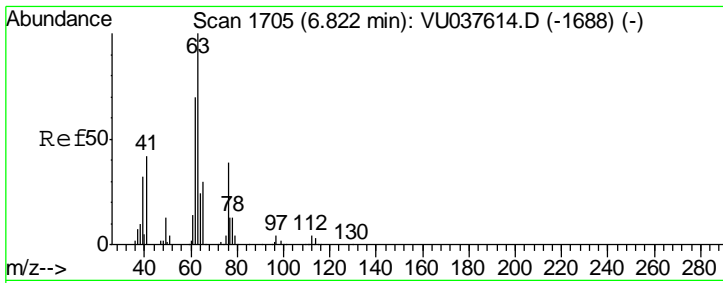
Tgt Ion	Resp	Lower	Upper
43	100		
58	35.8	0.0	63.2



#25  
 Chloroform  
 Concen: 0.882 ug/L  
 RT: 5.12 min Scan# 1176  
 Delta R.T. -0.01 min  
 Lab File: VU037631.D  
 Acq: 09 Apr 2020 20:16

Tgt Ion	Resp	Lower	Upper
83	100		
85	76.5	45.5	84.5

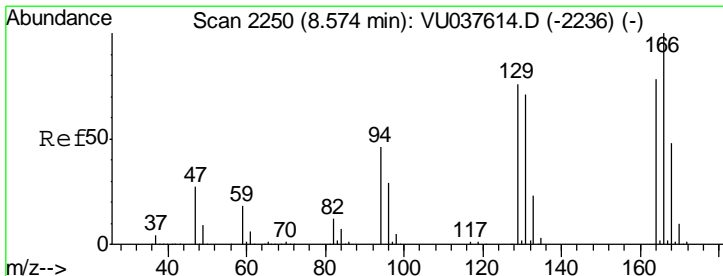
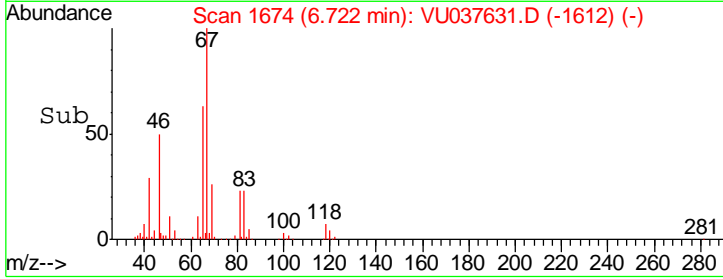
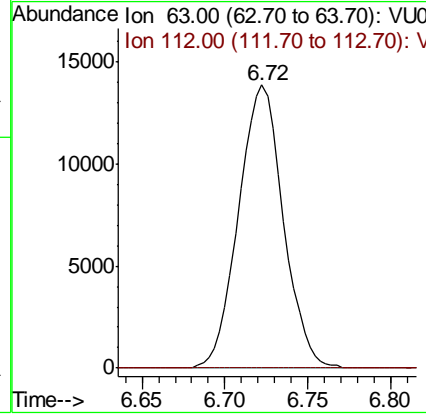
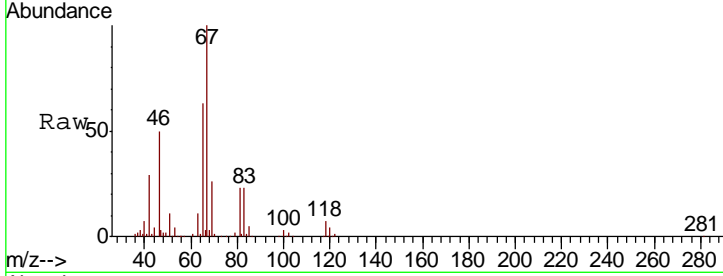




#37  
 1,2-Dichloropropane  
 Concen: 6.277 ug/L  
 RT: 6.72 min Scan# 1674  
 Delta R.T. -0.10 min  
 Lab File: VU037631.D  
 Acq: 09 Apr 2020 20:16

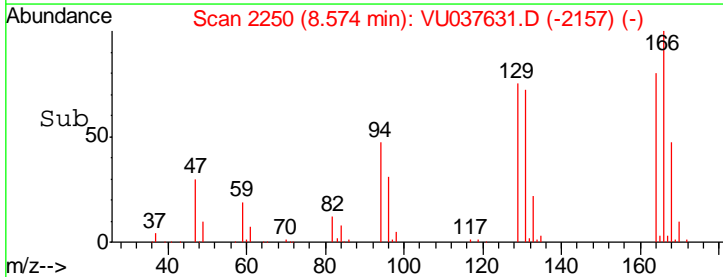
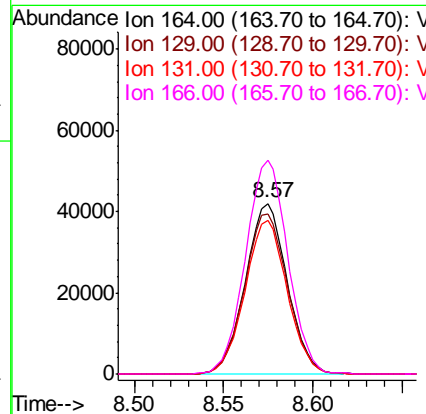
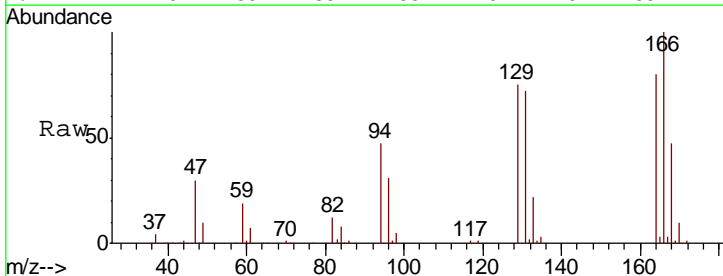
Instrument :  
 MSVOA\_U  
 ClientSampled :

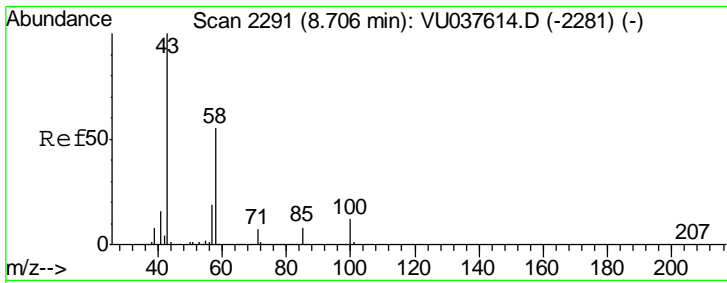
Tgt Ion	Resp	Lower	Upper
63	25953		
63	100		
112	0.0	3.4	5.0#



#46  
 Tetrachloroethene  
 Concen: 25.013 ug/L  
 RT: 8.57 min Scan# 2250  
 Delta R.T. 0.00 min  
 Lab File: VU037631.D  
 Acq: 09 Apr 2020 20:16

Tgt Ion	Resp	Lower	Upper
164	68940		
164	100		
129	93.6	68.0	126.2
131	90.3	65.8	122.2
166	125.1	92.0	170.9

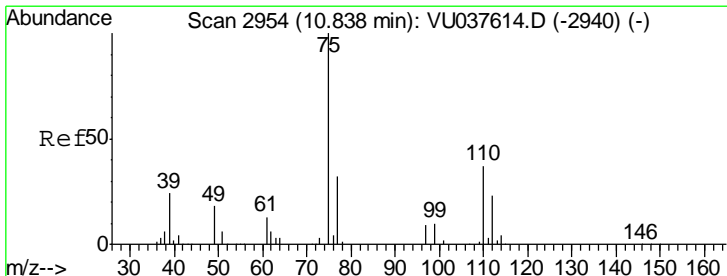
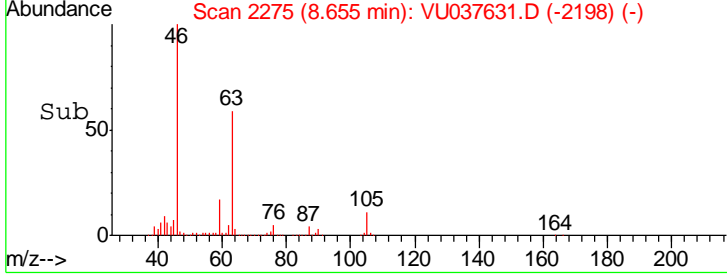
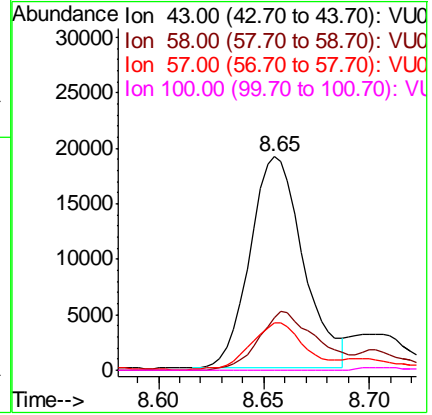
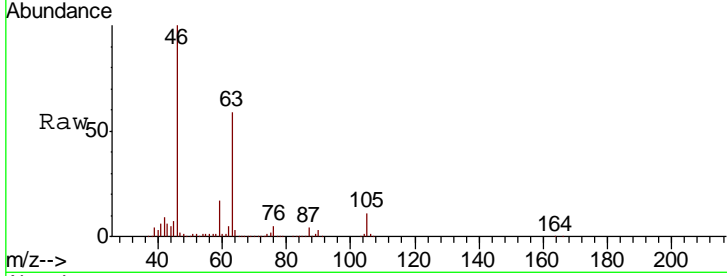




#48  
 2-Hexanone  
 Concen: 5.738 ug/L  
 RT: 8.65 min Scan# 2275  
 Delta R.T. -0.05 min  
 Lab File: VU037631.D  
 Acq: 09 Apr 2020 20:16

Instrument :  
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 ClientSampled :

Tgt Ion	Resp	Lower	Upper
43	100		
58	30.4	44.0	66.0#
57	23.0	15.2	22.8#
100	0.0	9.4	14.0#



#59  
 1,2,3-Trichloropropane  
 Concen: 5.919 ug/L  
 RT: 11.83 min Scan# 3261  
 Delta R.T. 0.99 min  
 Lab File: VU037631.D  
 Acq: 09 Apr 2020 20:16

Tgt Ion	Resp	Lower	Upper
75	100		
77	35.7	25.6	38.4

