

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036206.D
 Acq On : 13 Dec 2019 19:15
 Operator : JC/MD
 Sample : K6168-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE50RE

Quant Time: Dec 14 01:22:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	182005	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	201947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	68927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	72418	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	71485	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.59	63	76775	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.69	46	214468	71.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.84%#
24) Chloroform-d	5.11	84	104576	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.75	65	79111	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.77	84	232034	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	78850	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	187766	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	8.21	79	31458	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.68	63	165961	65.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.90%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90643	6.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.00%#
64) 1,2-Dichlorobenzene-d4	12.22	152	69225	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

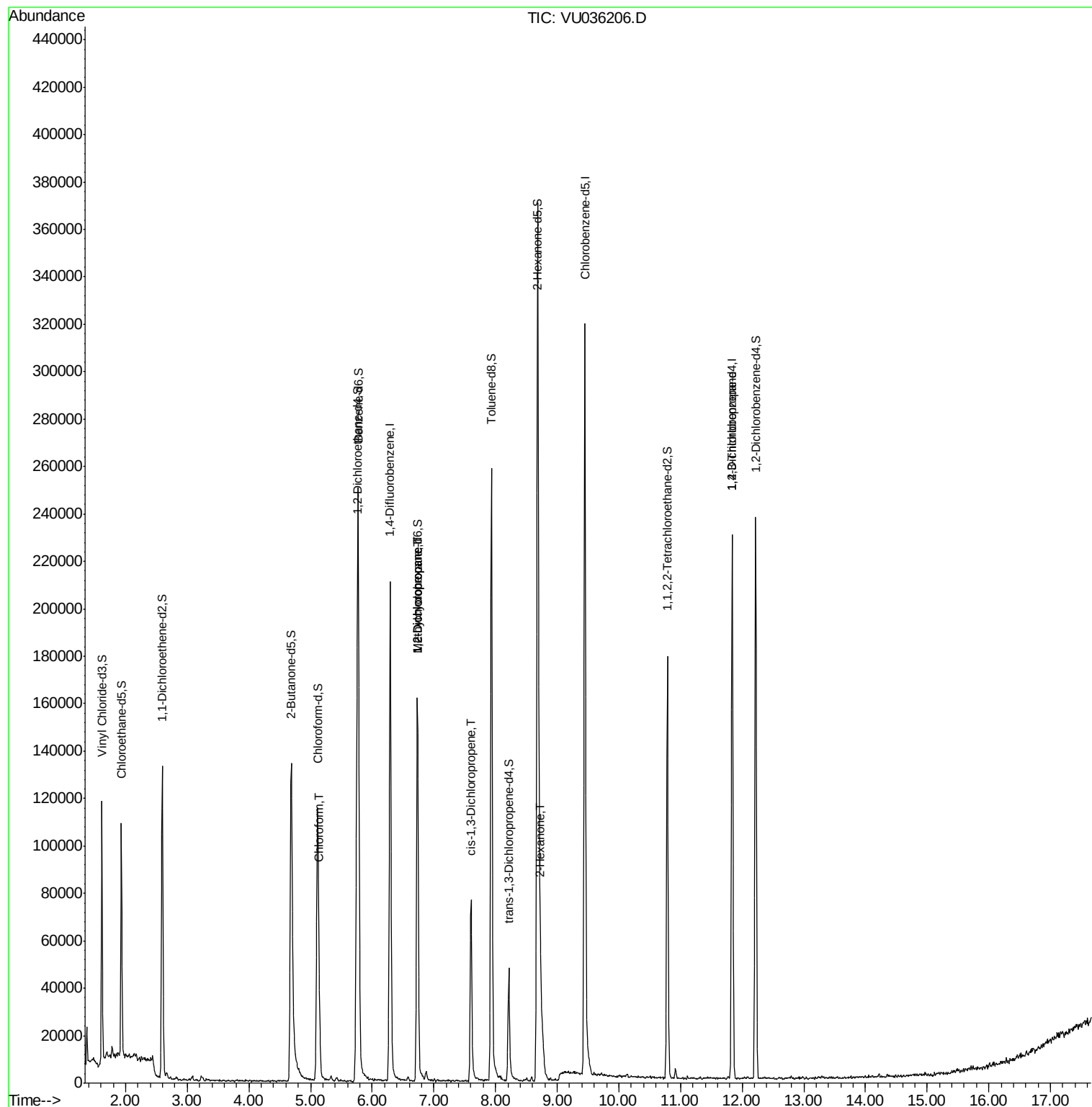
					Ovalue
25) Chloroform	5.14	83	24451	0.866 ug/L	99
35) Methylcyclohexane	6.73	83	19220	0.845 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	8175	0.516 ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2041	0.095 ug/L #	53
48) 2-Hexanone	8.73	43	9681	1.566 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	7295	0.693 ug/L #	86

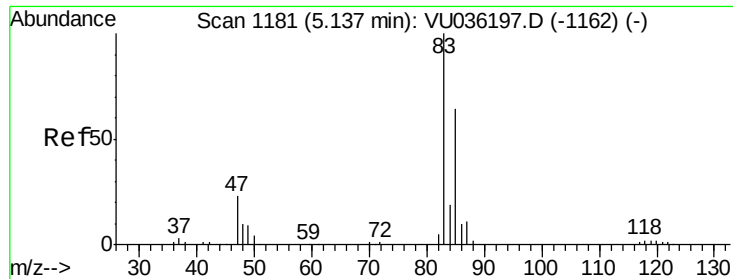
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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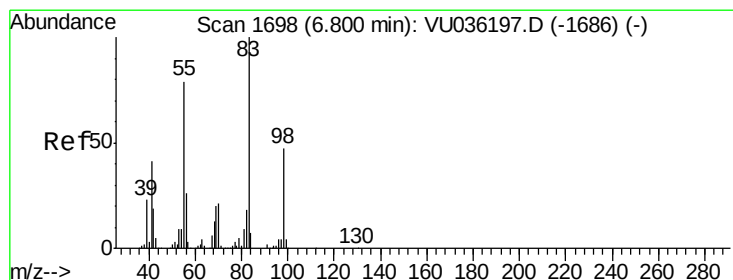
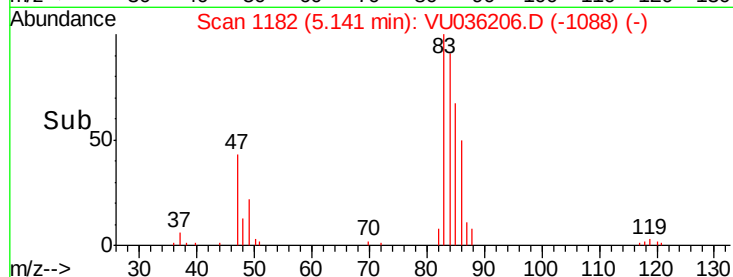
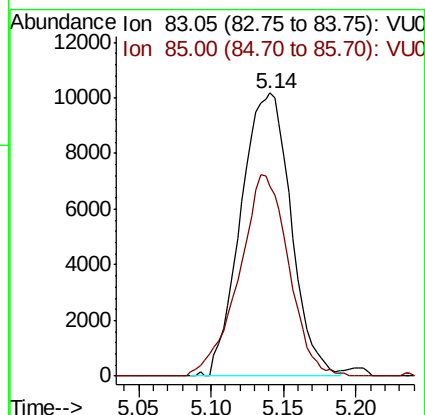
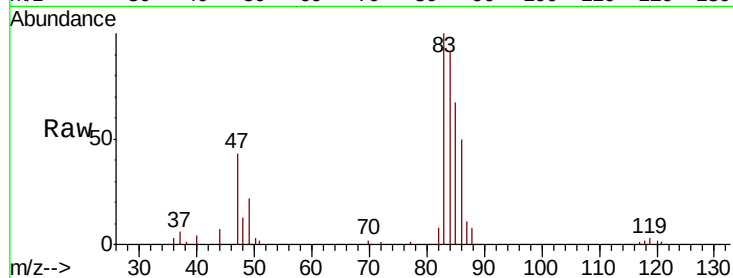




#25
Chloroform
Concen: 0.866 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU036206.D
Acq: 13 Dec 2019 19:15

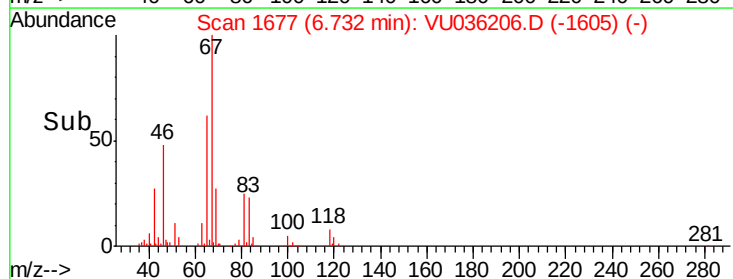
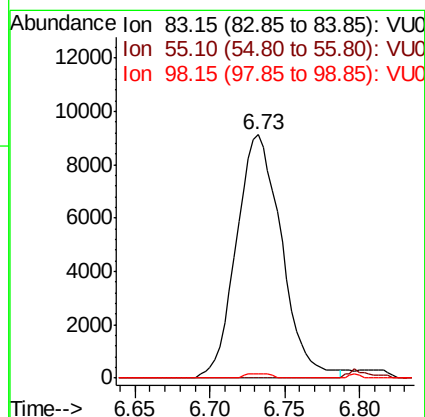
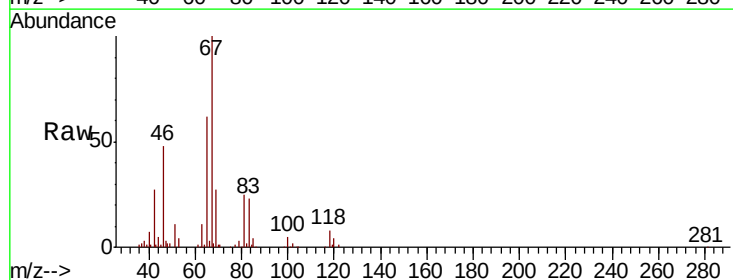
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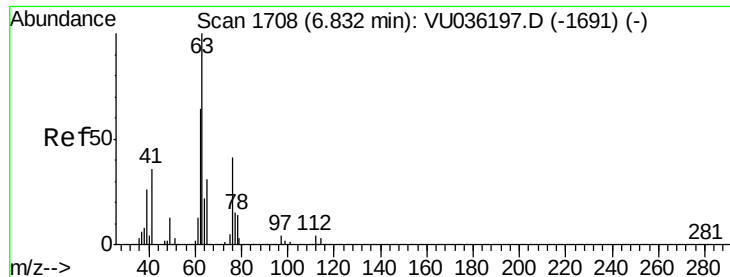
Tot Ion: 83 Resp: 24451
Ion Ratio Lower Upper
83 100
85 67.1 47.5 88.1



#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036206.D
Acq: 13 Dec 2019 19:15

Tgt Ion: 83 Resp: 19220
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 1.1 36.2 54.2#

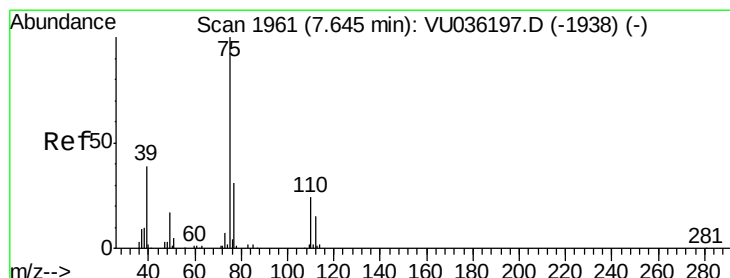
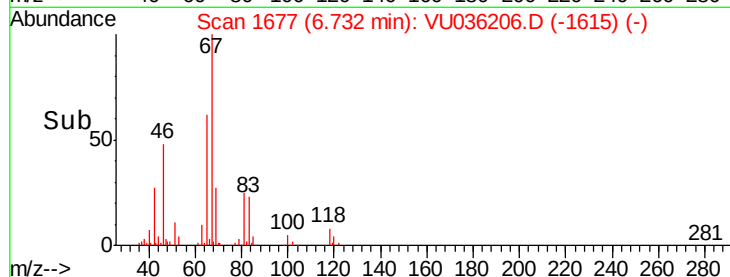
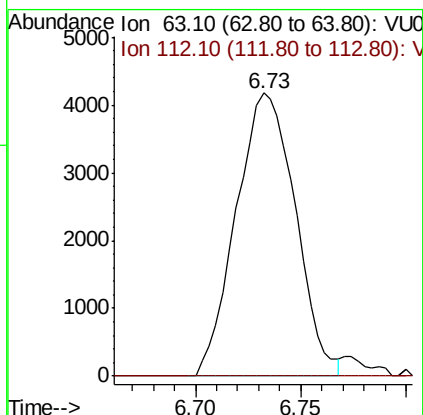
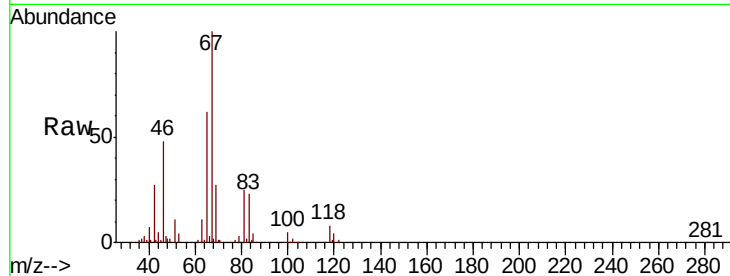




#37
 1,2-Dichloropropane
 Concen: 0.516 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036206.D
 Acq: 13 Dec 2019 19:15

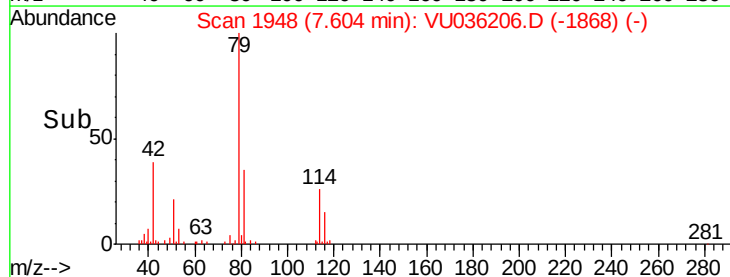
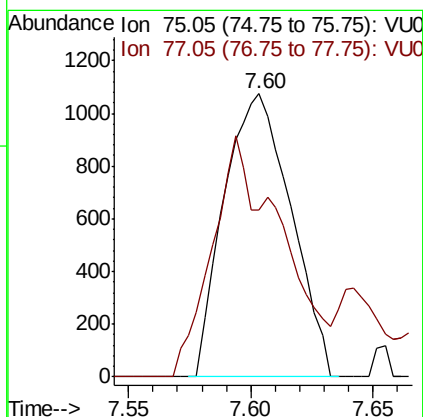
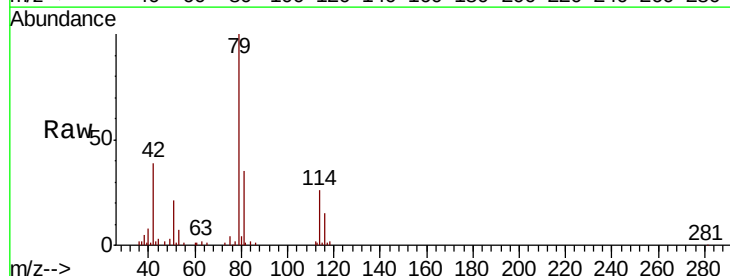
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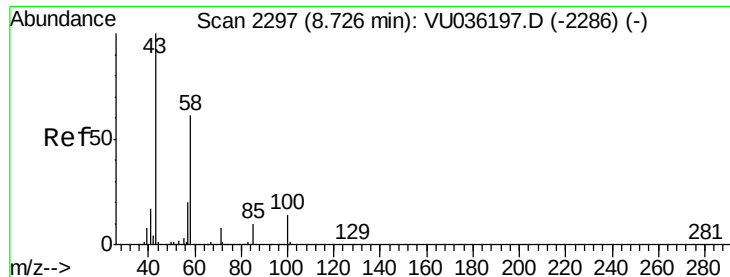
Tot Ion: 63 Resp: 8175
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036206.D
 Acq: 13 Dec 2019 19:15

Tgt Ion: 75 Resp: 2041
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.7 42.1#

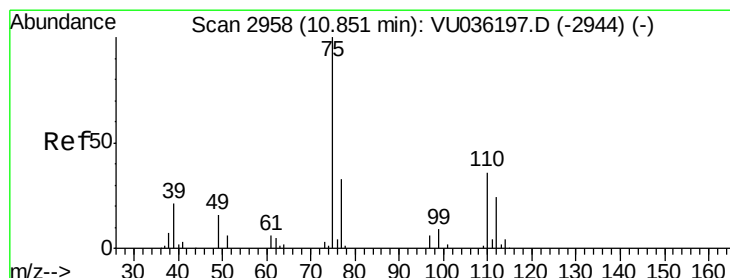
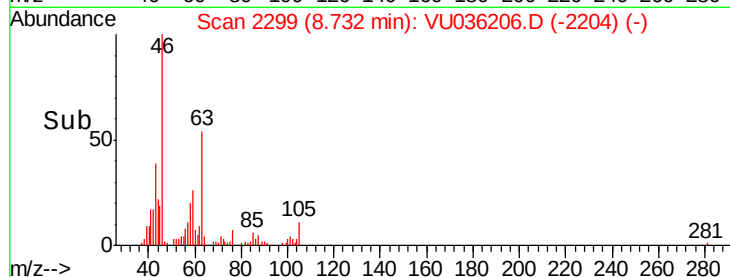
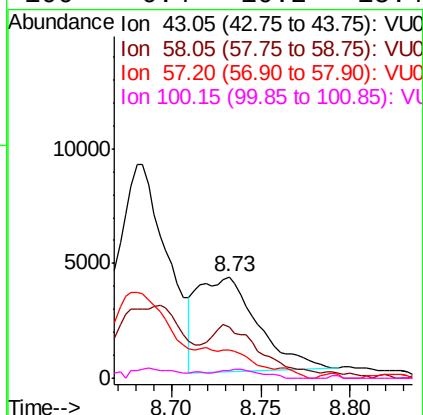
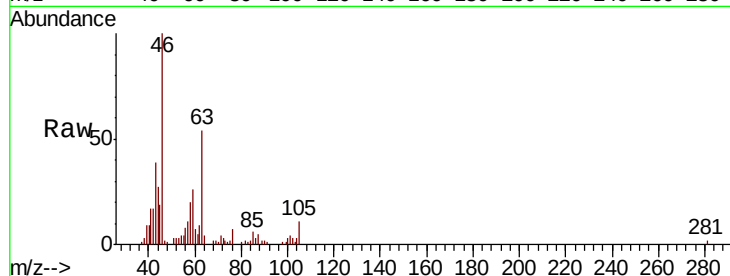




#48
2-Hexanone
Concen: 1.566 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU036206.D
Acq: 13 Dec 2019 19:15

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Tot Ion: 43 Resp: 9681
Ion Ratio Lower Upper
43 100
58 41.4 46.2 69.2#
57 0.0 16.2 24.4#
100 6.4 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 0.693 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036206.D
Acq: 13 Dec 2019 19:15

Tgt Ion: 75 Resp: 7295
Ion Ratio Lower Upper
75 100
77 41.8 27.2 40.8#

