

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
 Data File : VU035391.D
 Acq On : 23 Oct 2019 03:54
 Operator : JC/SP
 Sample : VU1022WBL04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:16:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:10:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	244812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	68022	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	70407	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	93268	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.70	46	247226	58.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.60%
24) Chloroform-d	5.11	84	146677	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.75	65	84278	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.77	84	266559	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.74	67	96087	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.93	98	220145	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.22	79	32614	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.69	63	180089	47.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86387	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	73784	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

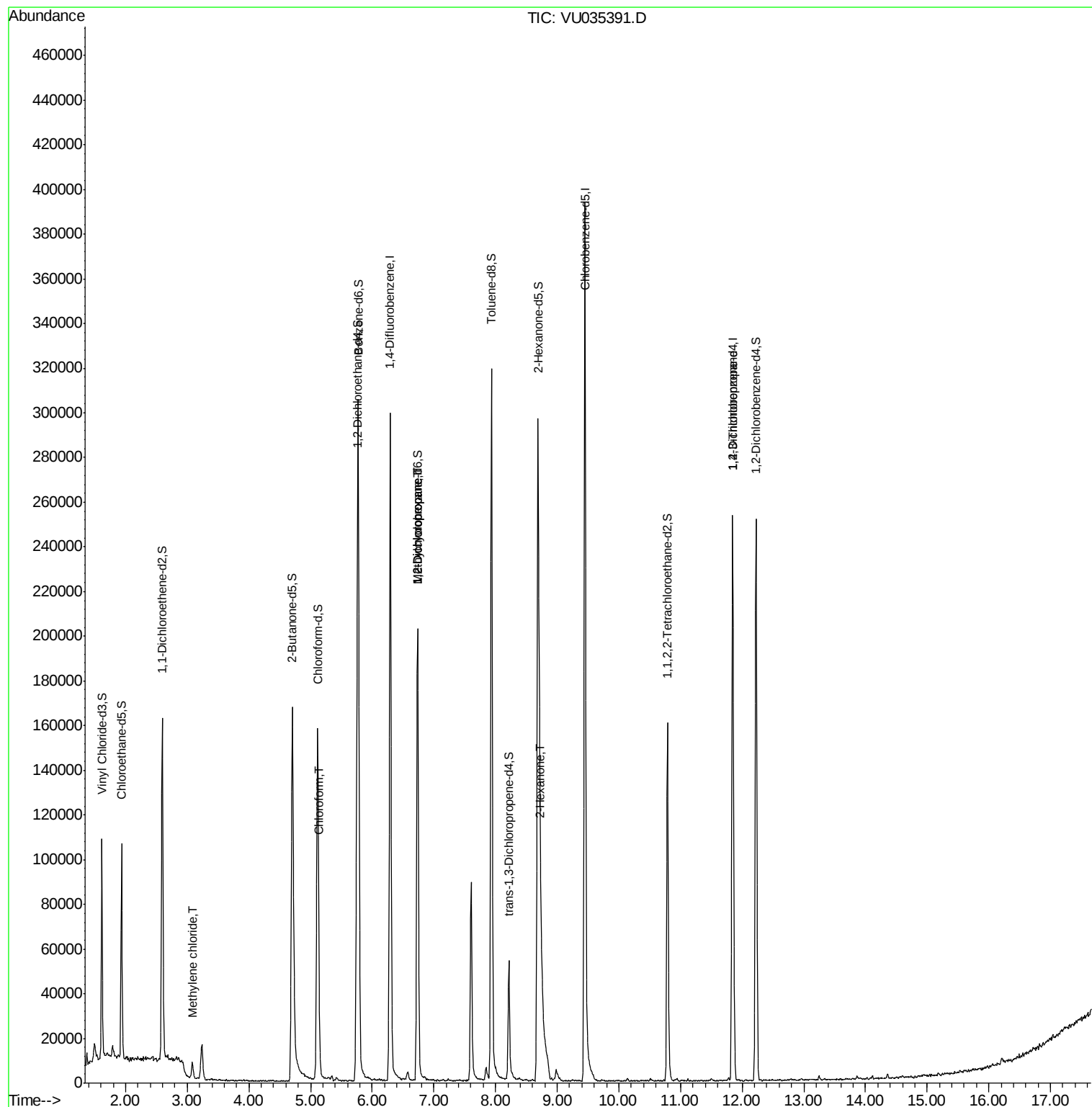
					Ovalue
16) Methylene chloride	3.08	84	3350	0.179 ug/L	94
25) Chloroform	5.14	83	7531	0.226 ug/L	95
35) Methylcyclohexane	6.74	83	22059	0.682 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10275	0.562 ug/L #	86
48) 2-Hexanone	8.74	43	16146	1.865 ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	10212	0.802 ug/L	92

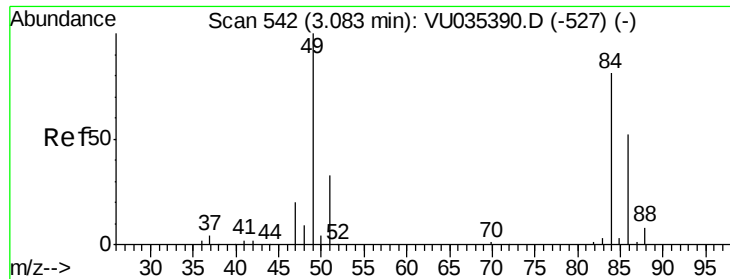
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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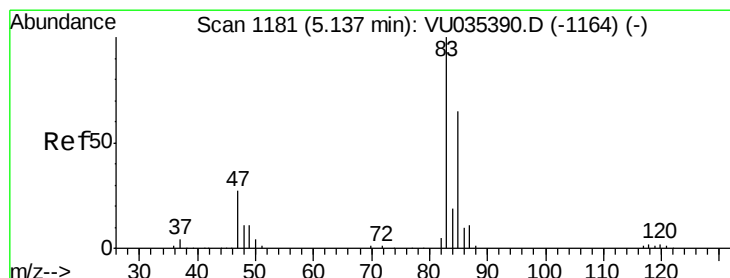
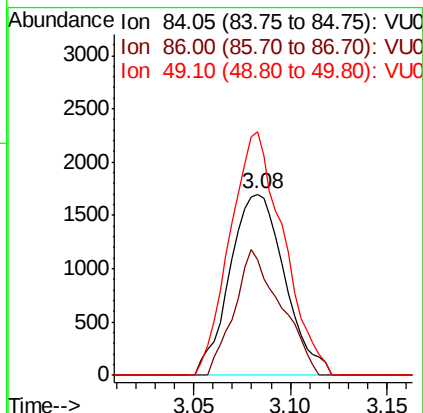
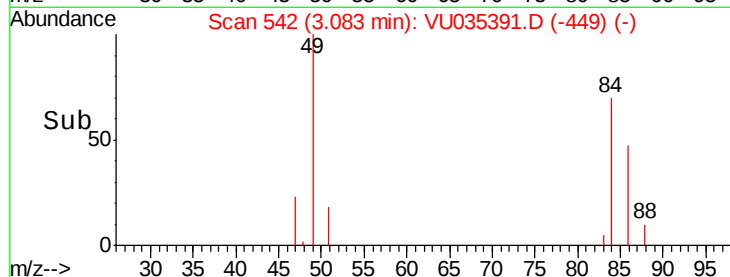
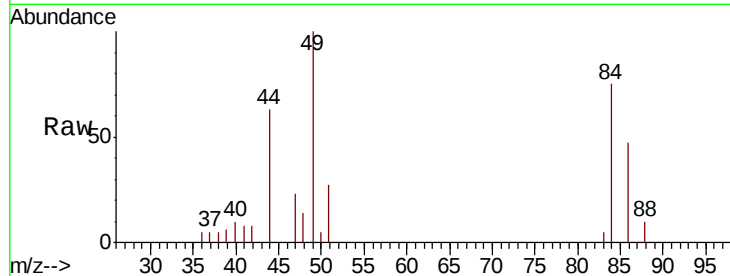




#16
Methylene chloride
Concen: 0.179 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035391.D
Acq: 23 Oct 2019 03:54

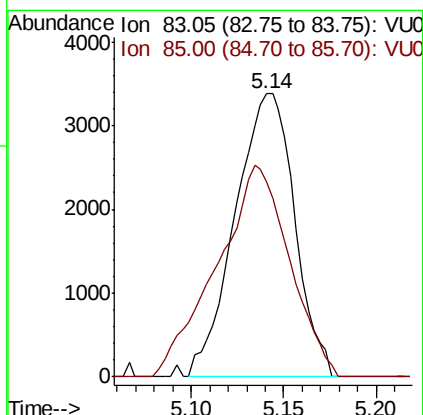
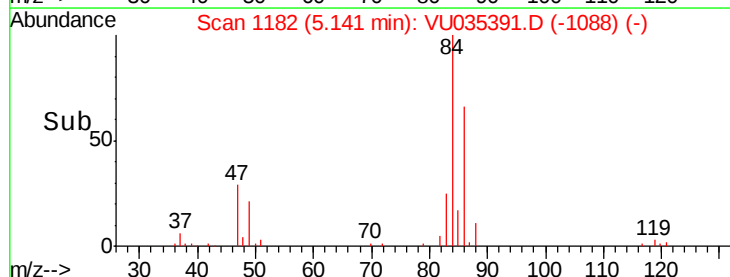
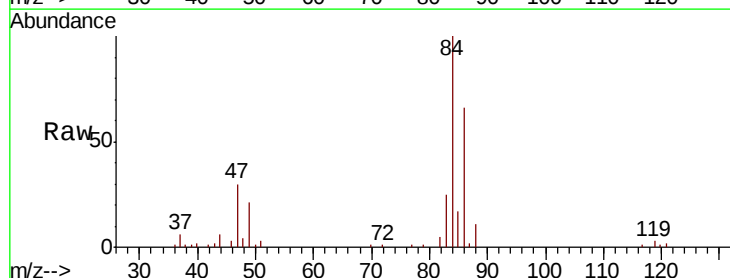
Instrument :
MSVOA_U
ClientSampleId :

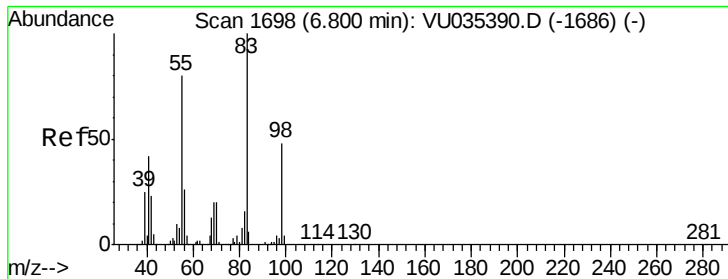
Tot Ion: 84 Resp: 3350
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.2
49 134.2 86.8 161.2



#25
Chloroform
Concen: 0.226 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035391.D
Acq: 23 Oct 2019 03:54

Tgt Ion: 83 Resp: 7531
Ion Ratio Lower Upper
83 100
85 68.8 45.1 83.9

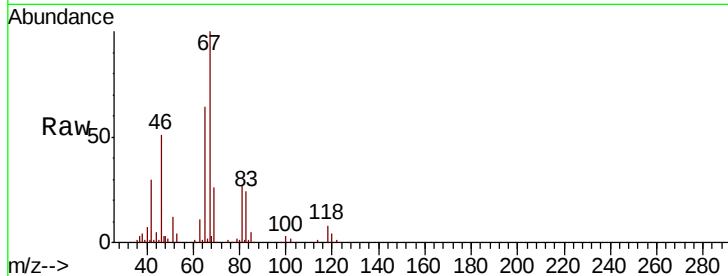




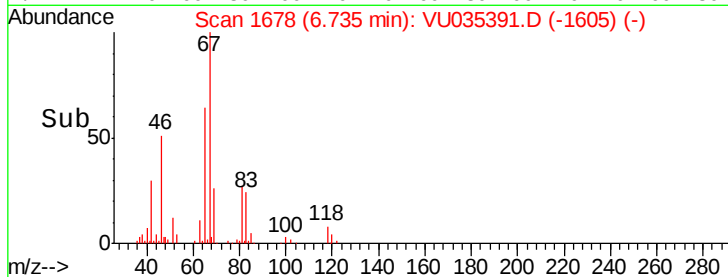
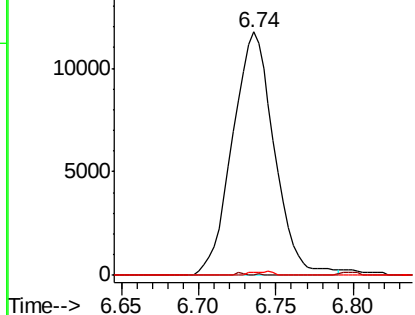
#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035391.D
Acq: 23 Oct 2019 03:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 22059
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 0.8 39.5 59.3#

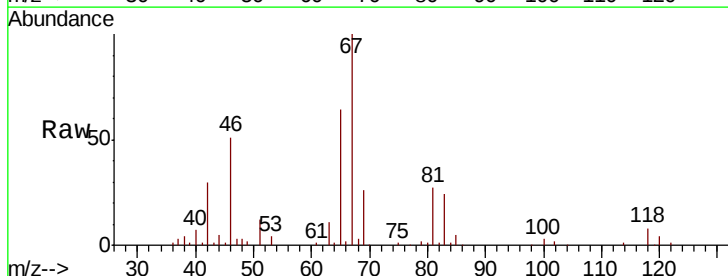
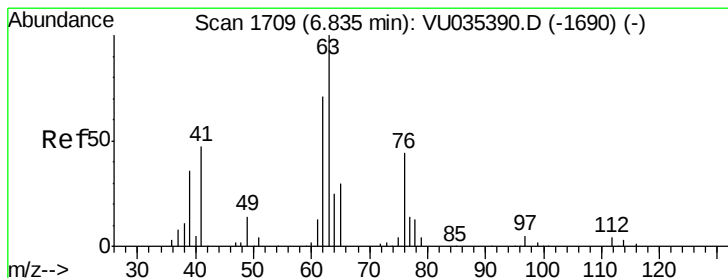


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

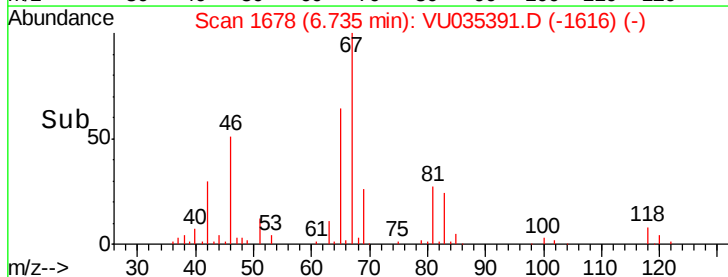
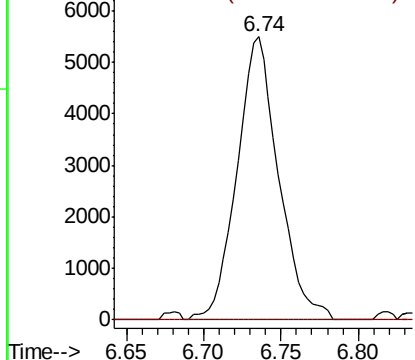


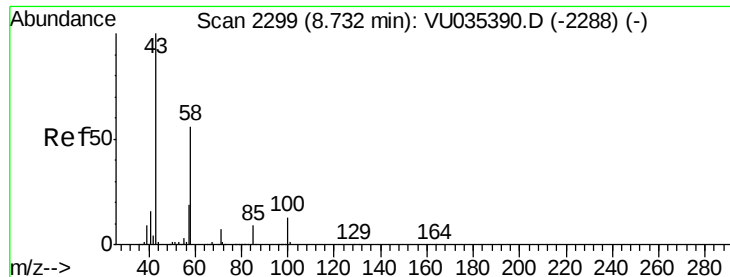
#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035391.D
Acq: 23 Oct 2019 03:54

Tgt Ion: 63 Resp: 10275
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

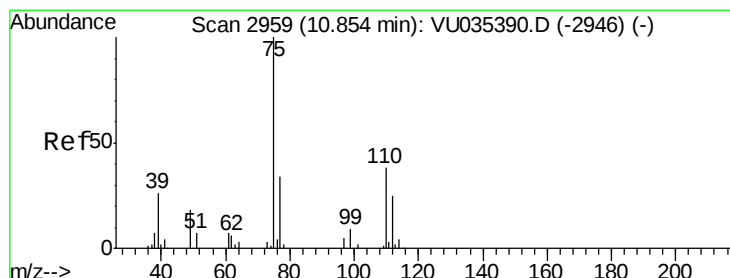
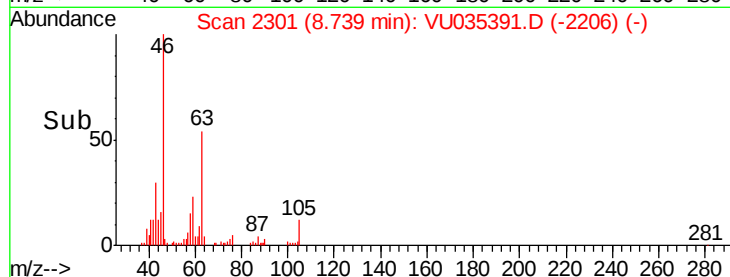
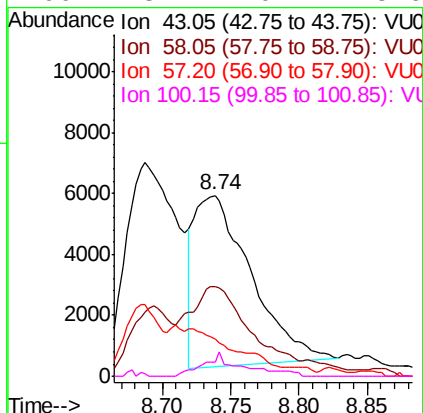
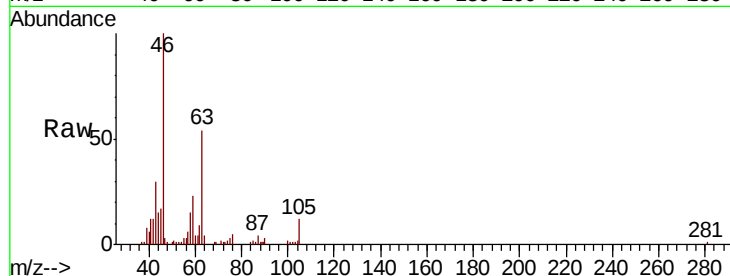




#48
 2-Hexanone
 Concen: 1.865 ug/L
 RT: 8.74 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: VU035391.D
 Acq: 23 Oct 2019 03:54

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 16146
 Ion Ratio Lower Upper
 43 100
 58 64.3 45.1 67.7
 57 1.3 16.0 24.0#
 100 8.7 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.802 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035391.D
 Acq: 23 Oct 2019 03:54

Tgt Ion: 75 Resp: 10212
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.2 39.2

