

Data File : VU035091.D
Acq On : 11 Oct 2019 15:52
Operator : JC/SP
Sample : VU1012WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK19

Quant Time: Oct 12 02:44:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160363	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165170	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47211	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.67	69	43898	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.26	63	69329	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.17	46	144526	51.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.54%
24) Chloroform-d	4.62	84	90113	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.29	65	53755	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.31	84	177931	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.31	67	62495	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.55	98	149864	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.84	79	18081	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.30	63	99247	44.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54029	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	52403	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

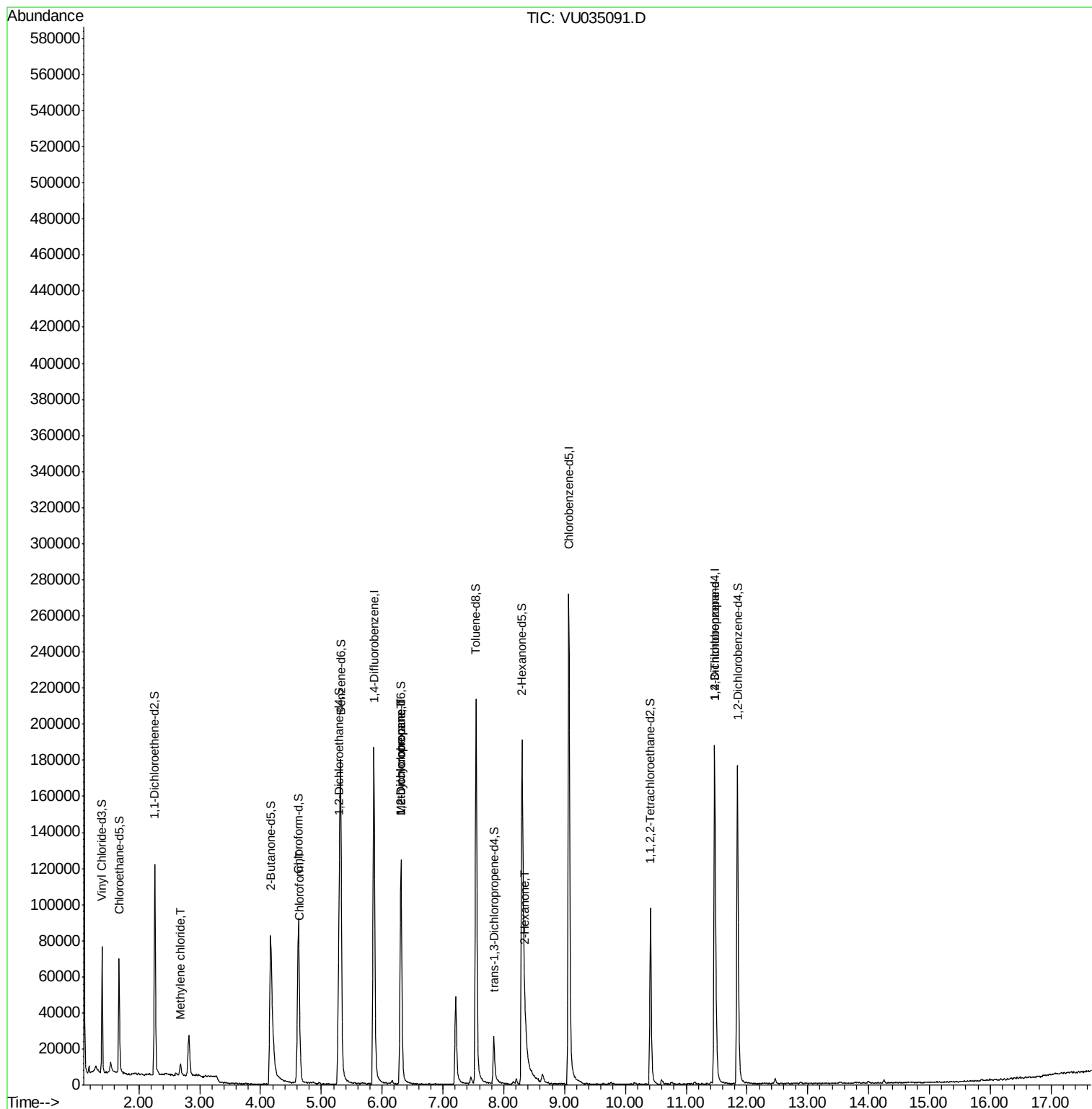
						Qvalue
16) Methylene chloride	2.68	84	2368	0.186	ug/L	93
25) Chloroform	4.65	83	6242	0.253	ug/L	90
35) Methylcyclohexane	6.31	83	13711	0.660	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6779	0.505	ug/L #	88
48) 2-Hexanone	8.35	43	8342	1.440	ug/L #	63
59) 1,2,3-Trichloropropane	11.47	75	8583	0.988	ug/L	99

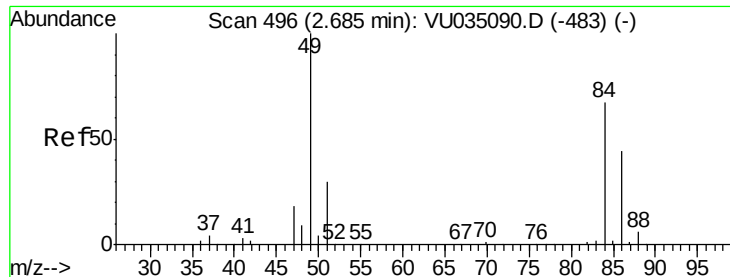
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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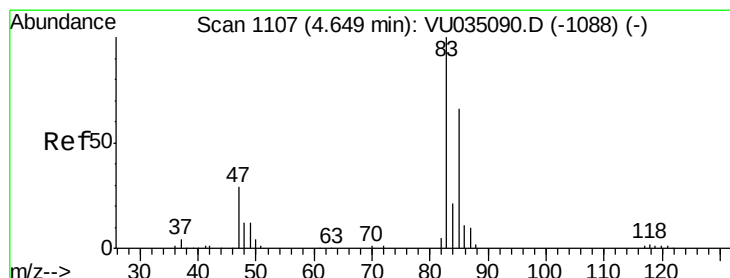
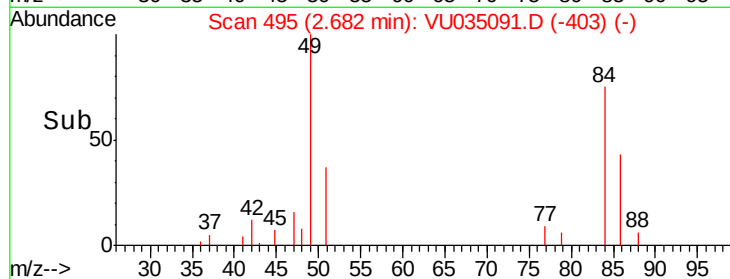
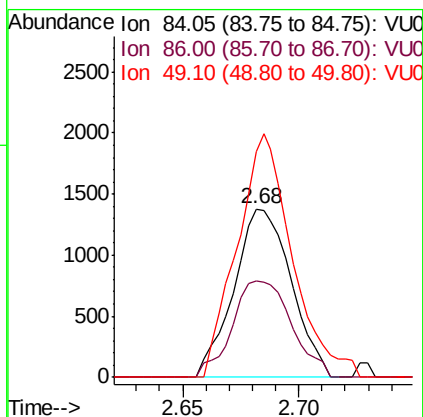
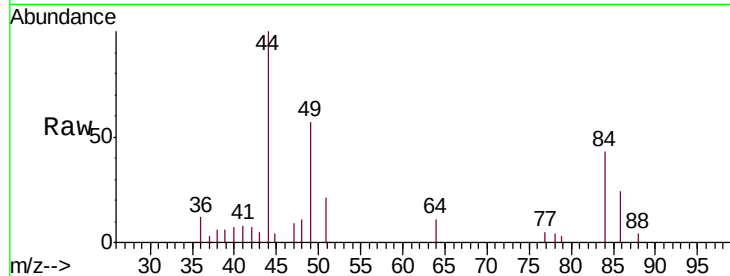




#16
Methylene chloride
Concen: 0.186 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU035091.D
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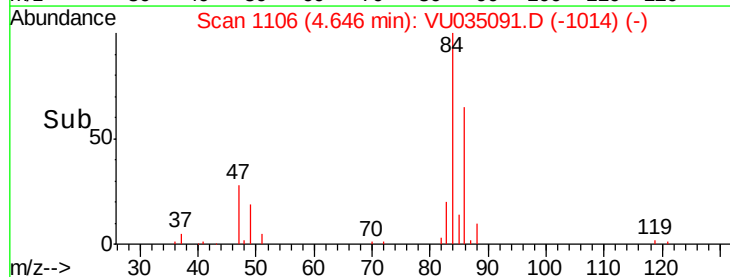
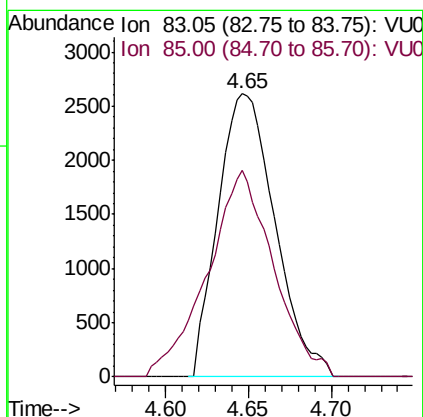
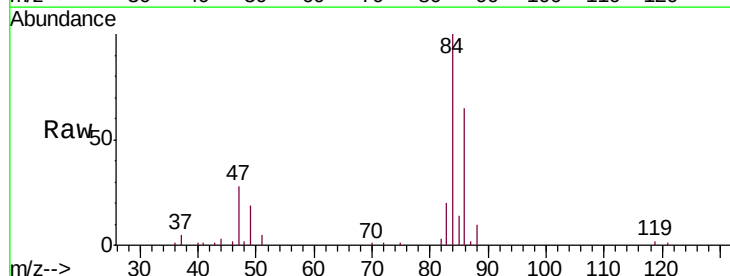
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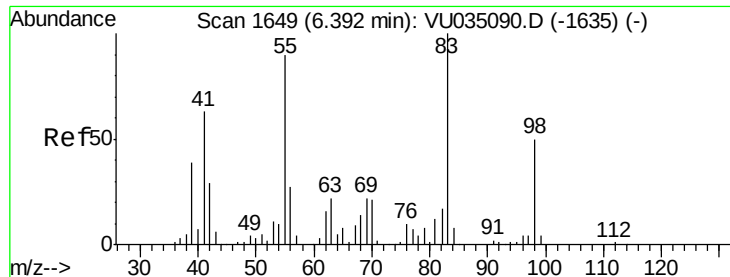
Tgt Ion: 84 Resp: 2368
Ion Ratio Lower Upper
84 100
86 57.3 42.5 78.9
49 134.2 86.9 161.3



#25
Chloroform
Concen: 0.253 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU035091.D
Acq: 11 Oct 2019 15:52

Tgt Ion: 83 Resp: 6242
Ion Ratio Lower Upper
83 100
85 73.1 45.4 84.4

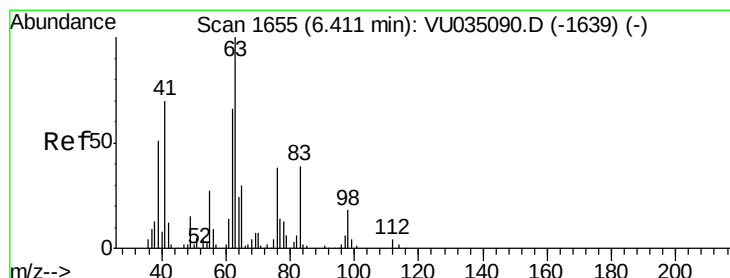
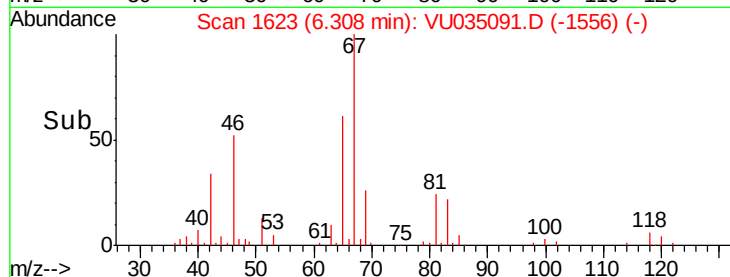
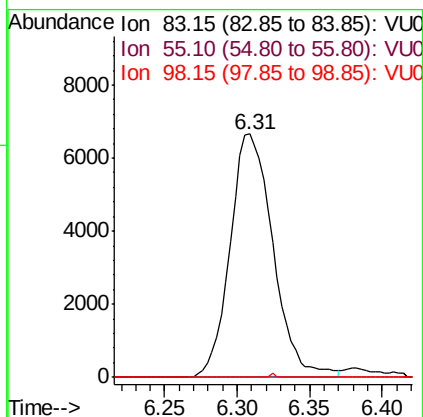
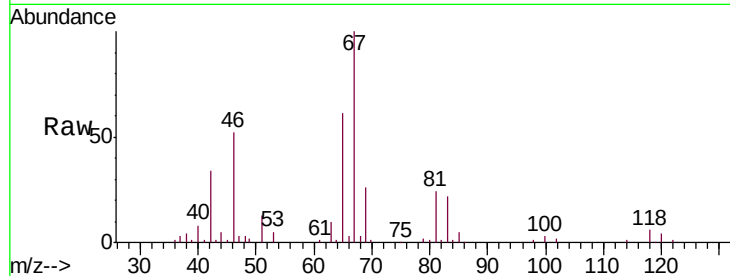




#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
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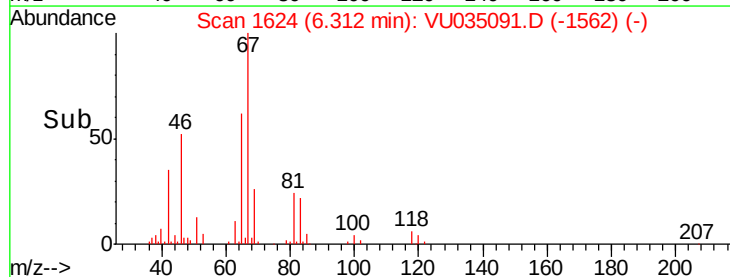
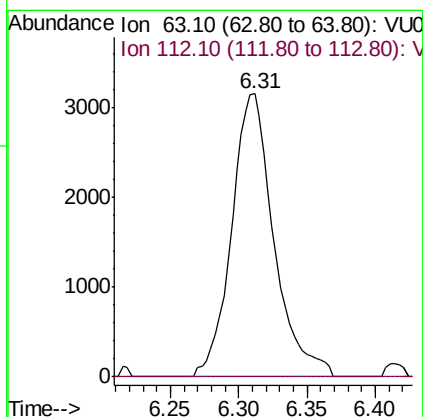
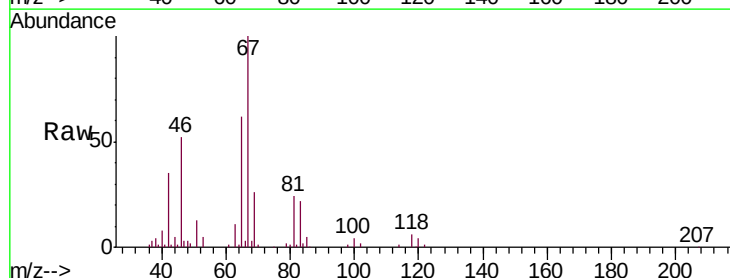
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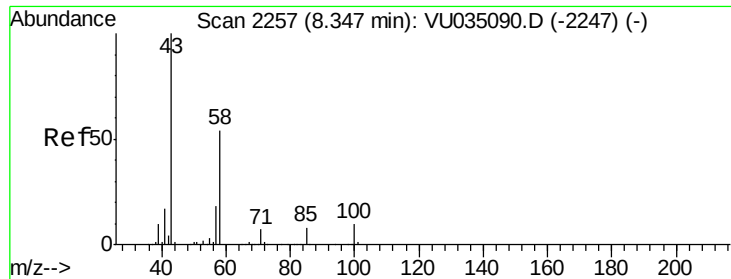
Tgt Ion: 83 Resp: 13711
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.1 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035091.D
Acq: 11 Oct 2019 15:52

Tgt Ion: 63 Resp: 6779
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

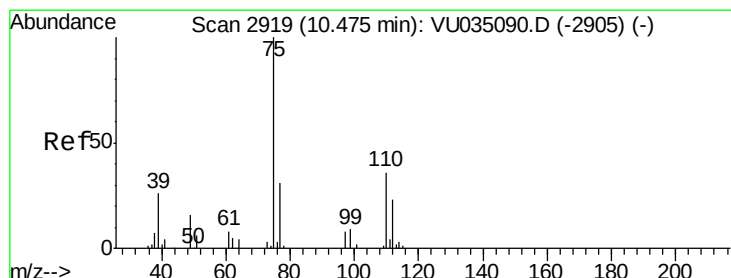
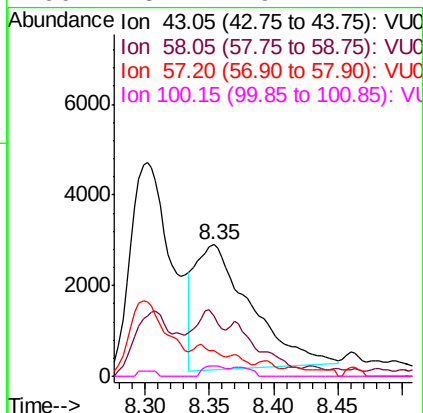
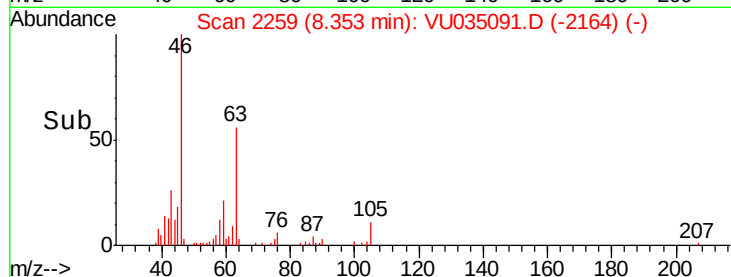
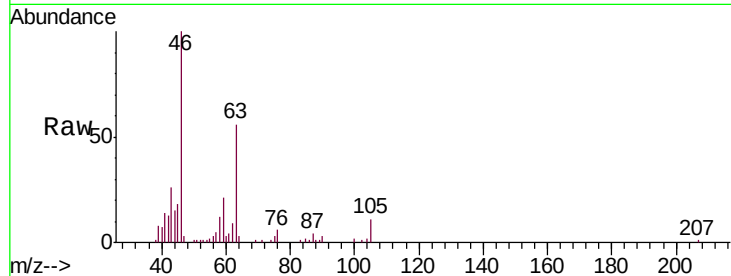




#48
 2-Hexanone
 Concen: 1.440 ug/L
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 8342
 Ion Ratio Lower Upper
 43 100
 58 25.4 44.1 66.1#
 57 4.4 15.8 23.8#
 100 3.2 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.988 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035091.D
 Acq: 11 Oct 2019 15:52

Tgt Ion: 75 Resp: 8583
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.5 39.7

