

Data File : VU035074.D
Acq On : 11 Oct 2019 02:18
Operator : JC/SP
Sample : K5309-03 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
IW-2-001-01

Quant Time: Oct 11 04:48:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	153825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35075	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	36515	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.26	63	55073	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.17	46	146785	54.82	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.64%
24) Chloroform-d	4.62	84	82038	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.29	65	52920	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.32	84	165295	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.31	67	61986	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.55	98	146472	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.84	79	18110	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.31	63	107296	49.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57796	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	54242	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

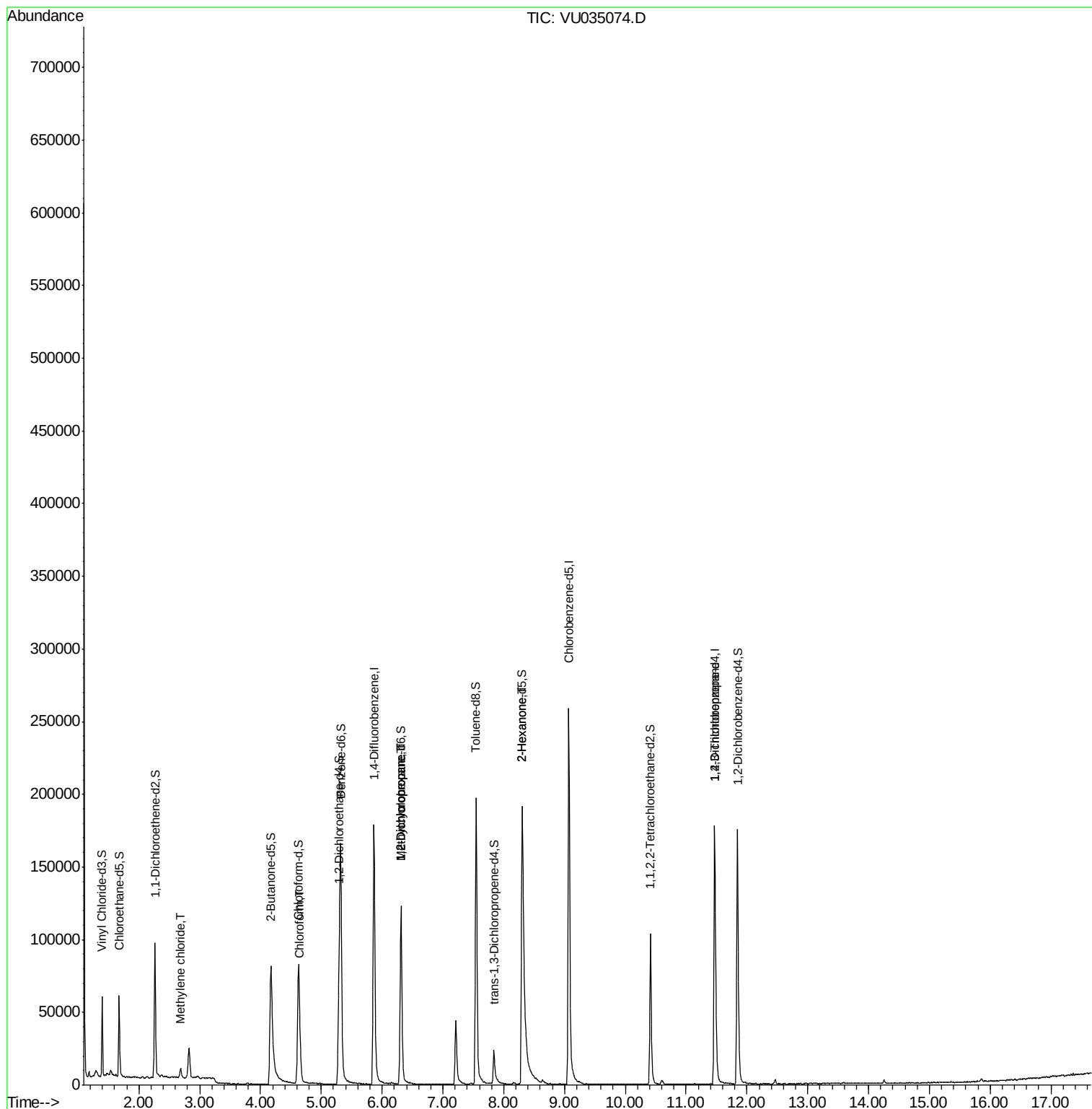
					Qvalue
16) Methylene chloride	2.69	84	2571	0.210 ug/L	99
25) Chloroform	4.65	83	13048	0.552 ug/L	97
35) Methylcyclohexane	6.31	83	14230	0.704 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	6804	0.521 ug/L #	88
48) 2-Hexanone	8.31	43	10034	1.781 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	7169	0.849 ug/L	96

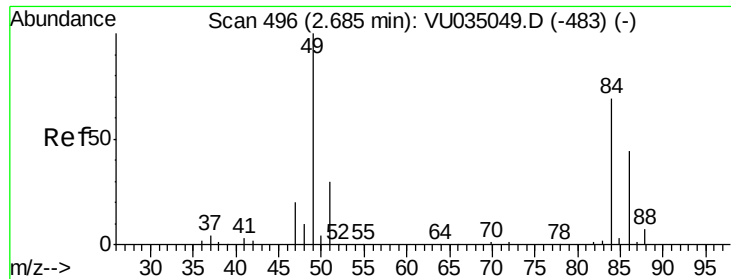
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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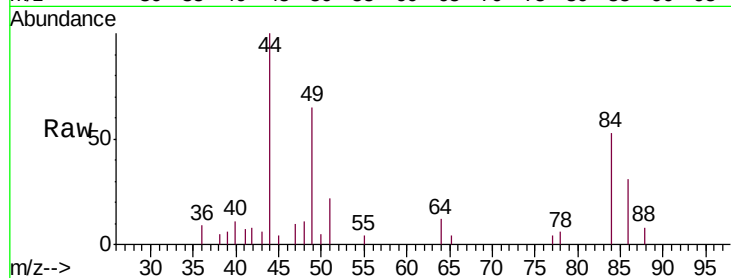




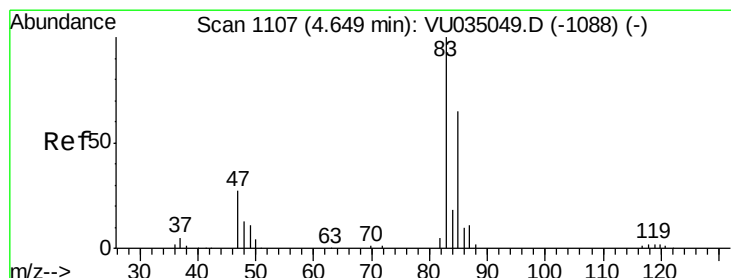
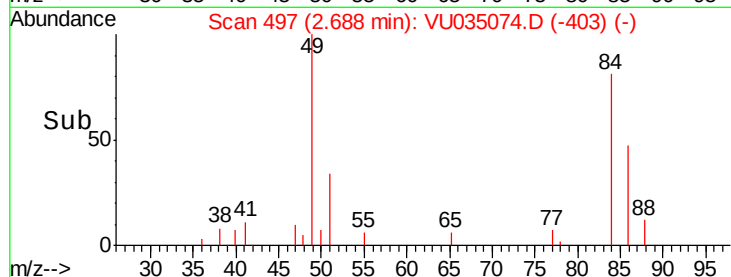
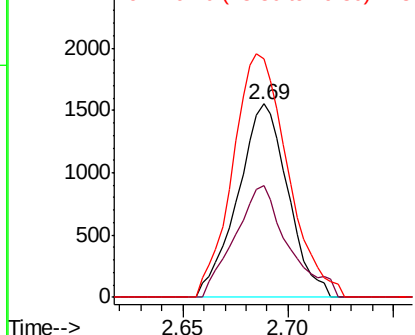
#16
Methylene chloride
Concen: 0.210 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035074.D
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Instrument :
MSVOA_U
ClientSampleId :
IW-2-001-01

Tgt Ion: 84 Resp: 2571
Ion Ratio Lower Upper
84 100
86 58.0 42.5 78.9
49 123.7 86.9 161.3

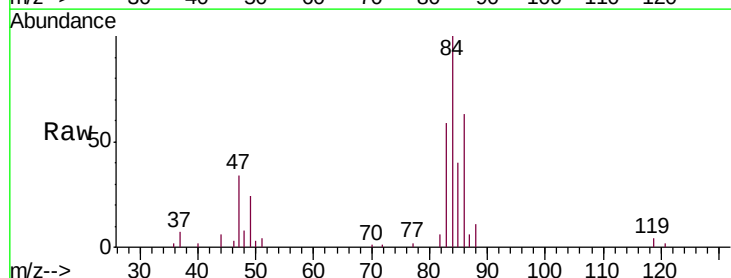


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

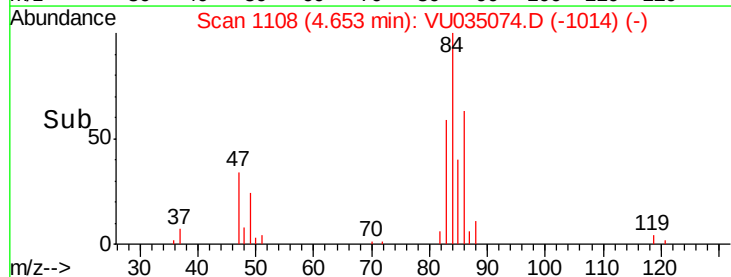
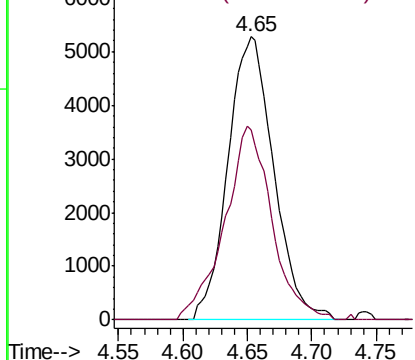


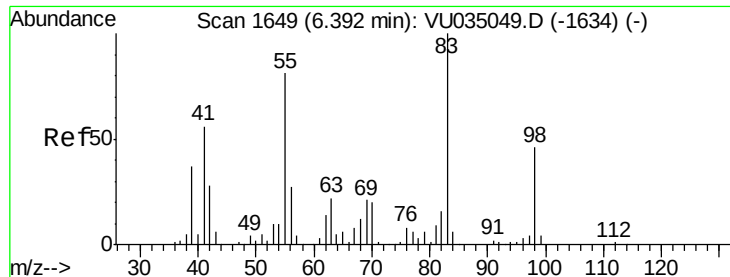
#25
Chloroform
Concen: 0.552 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035074.D
Acq: 11 Oct 2019 02:18

Tgt Ion: 83 Resp: 13048
Ion Ratio Lower Upper
83 100
85 67.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

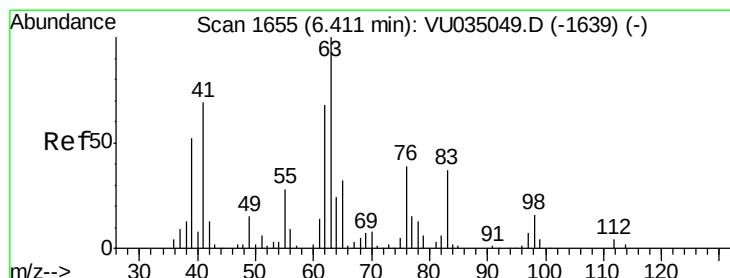
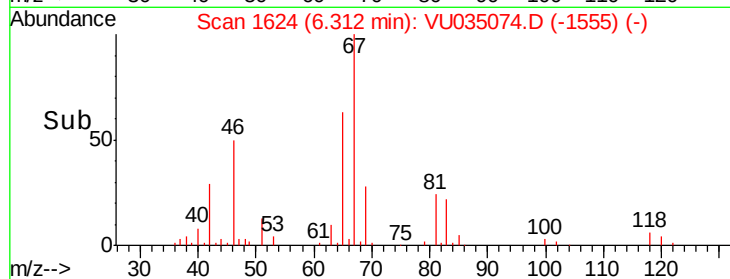
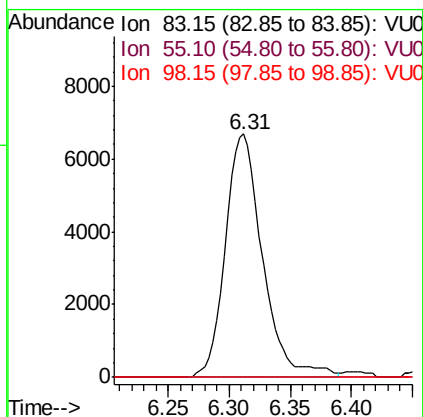
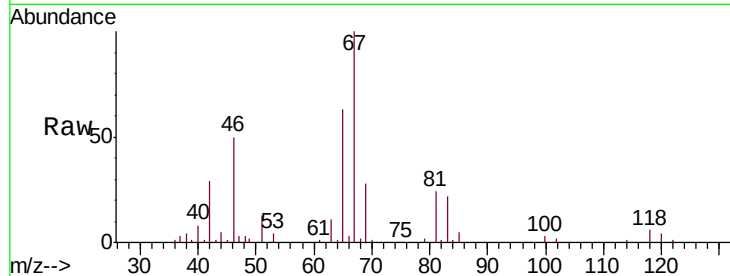




#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035074.D
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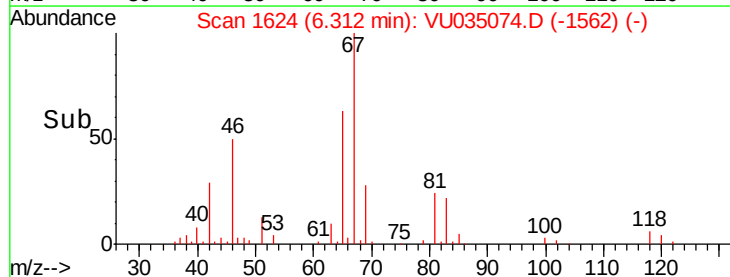
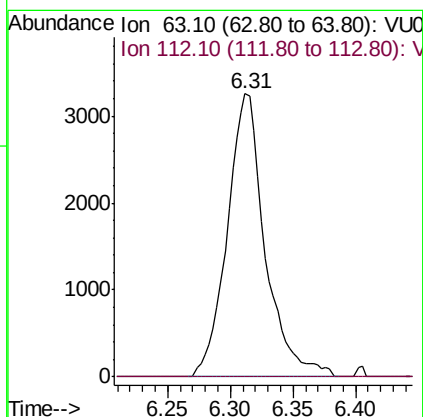
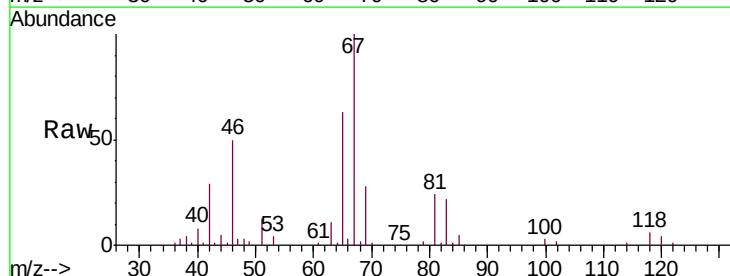
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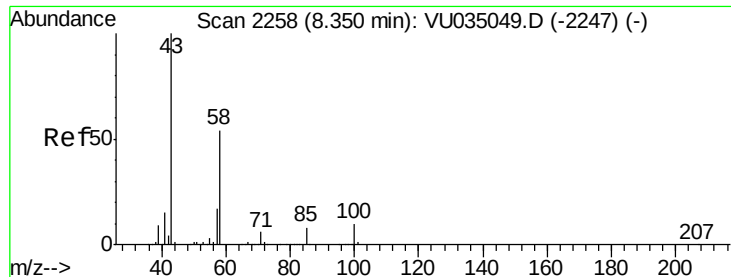
Tgt Ion: 83 Resp: 14230
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.3 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035074.D
Acq: 11 Oct 2019 02:18

Tgt Ion: 63 Resp: 6804
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

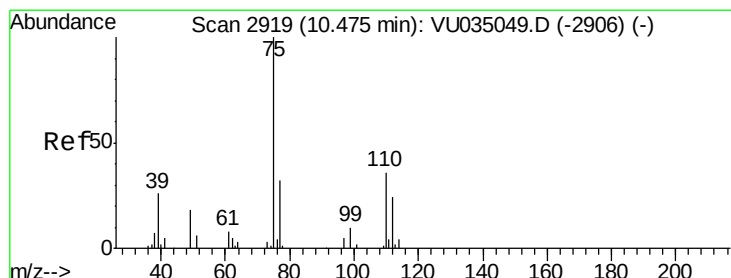
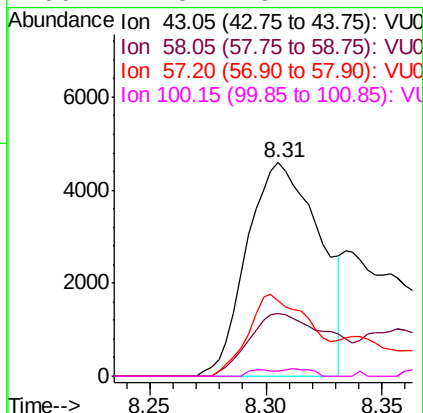
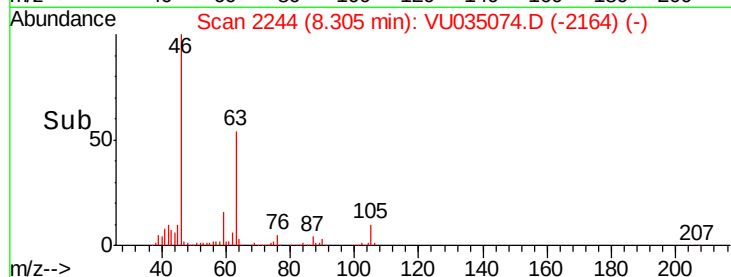
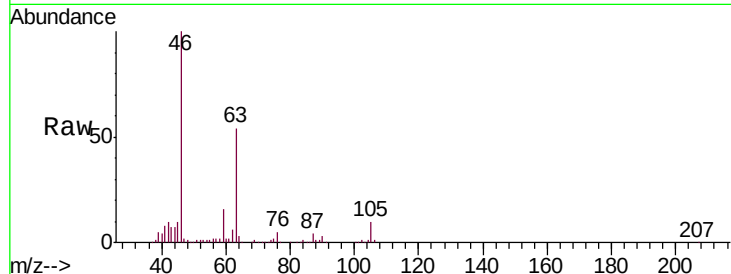




#48
 2-Hexanone
 Concen: 1.781 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.04 min
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Instrument :
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 IW-2-001-01

Tgt Ion: 43 Resp: 10034
 Ion Ratio Lower Upper
 43 100
 58 32.8 44.1 66.1#
 57 32.4 15.8 23.8#
 100 1.3 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.849 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 1.00 min
 Lab File: VU035074.D
 Acq: 11 Oct 2019 02:18

Tgt Ion: 75 Resp: 7169
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.5 39.7

