

Data File : VU034936.D
Acq On : 04 Oct 2019 15:36
Operator : JC/SP
Sample : K5196-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0K04

Quant Time: Oct 05 00:34:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	203293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	203342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	87374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76548	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.67	69	64978	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.26	63	104193	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.17	46	184642	45.06	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.12%
24) Chloroform-d	4.62	84	129815	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.29	65	70979	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.31	84	267187	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.31	67	88892	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.54	98	247165	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.83	79	28259	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.30	63	145395	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	68603	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	86520	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

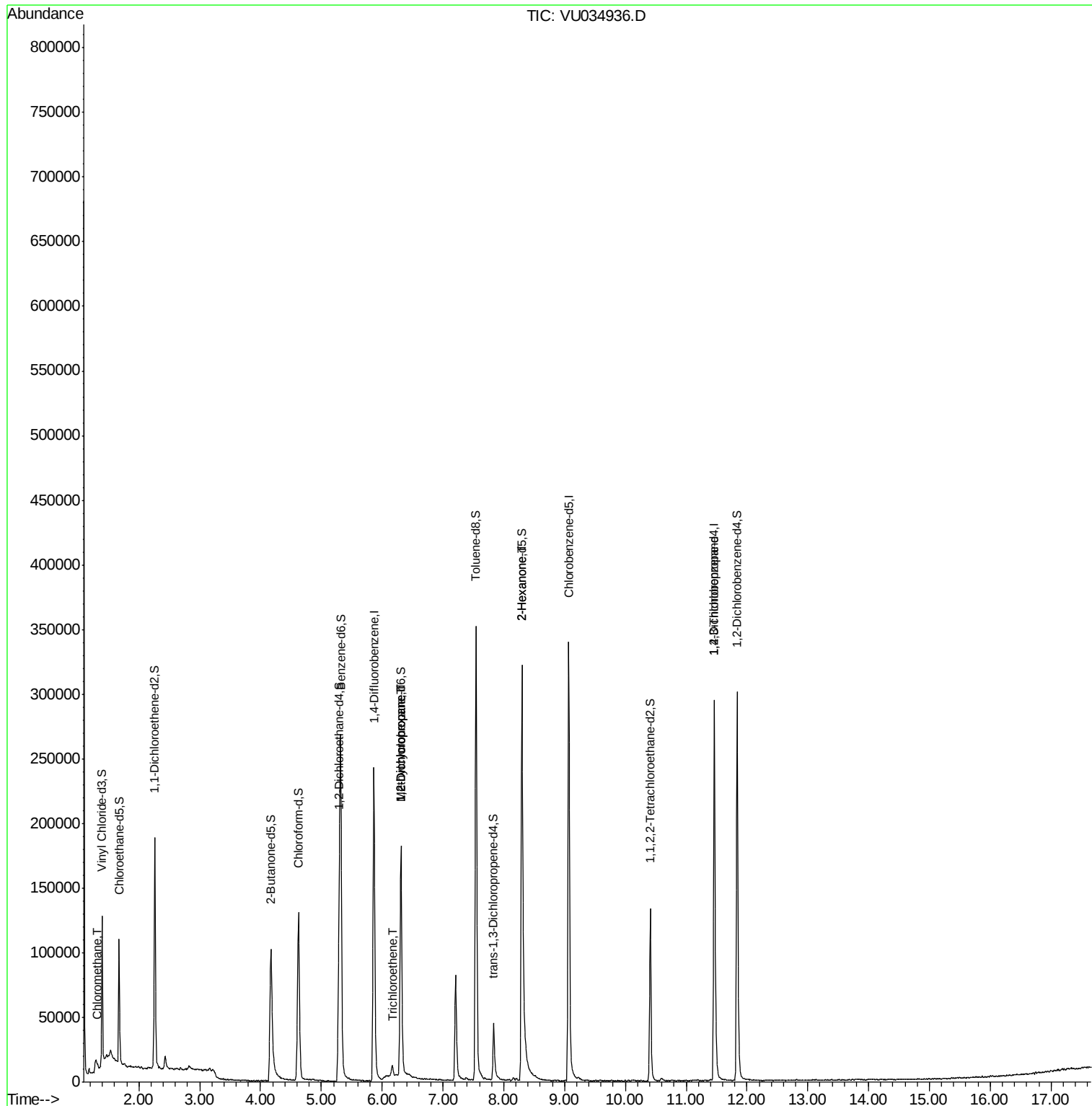
					Qvalue
3) Chloromethane	1.32	50	1464	0.149 ug/L	84
34) Trichloroethene	6.17	95	2609	0.241 ug/L	86
35) Methylcyclohexane	6.31	83	19353	1.434 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	10008	0.717 ug/L #	90
48) 2-Hexanone	8.30	43	15970	1.991 ug/L #	74
59) 1,2,3-Trichloropropane	11.46	75	11342	1.137 ug/L	94

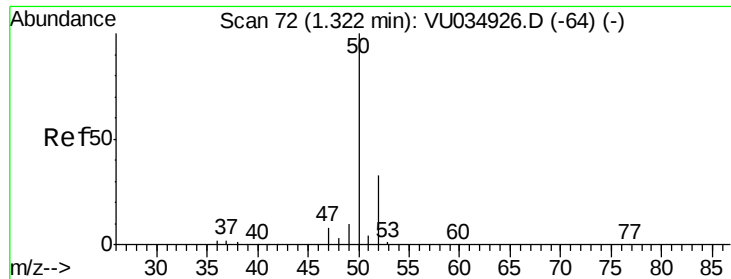
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.149 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

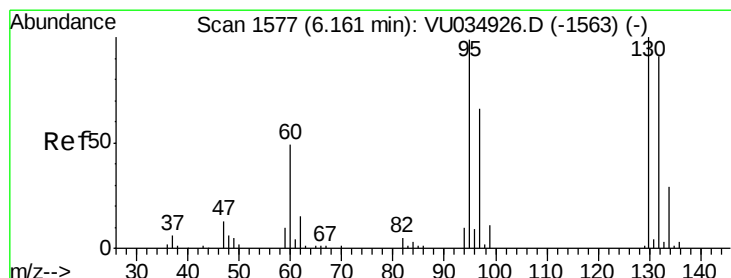
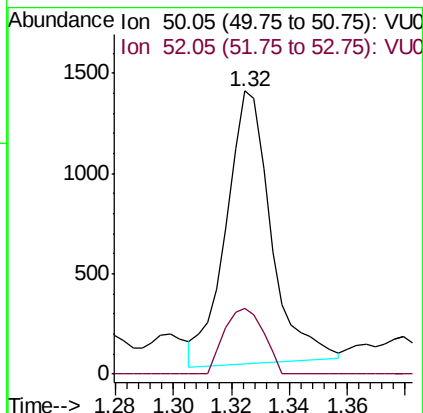
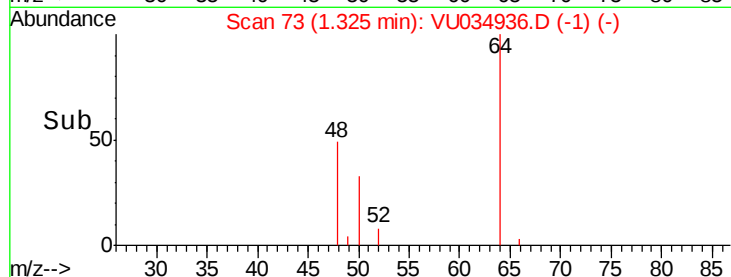
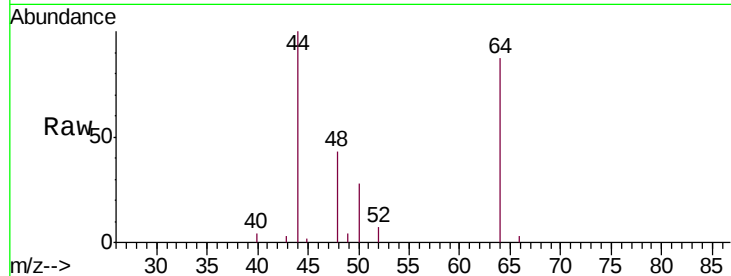
C0K04

Tgt Ion: 50 Resp: 1464

Ion Ratio Lower Upper

50 100

52 23.4 22.7 42.1



#34

Trichloroethene

Concen: 0.241 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 2609

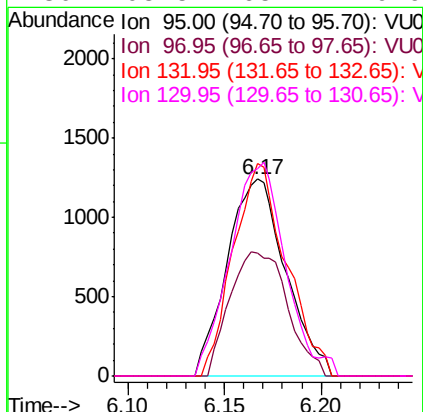
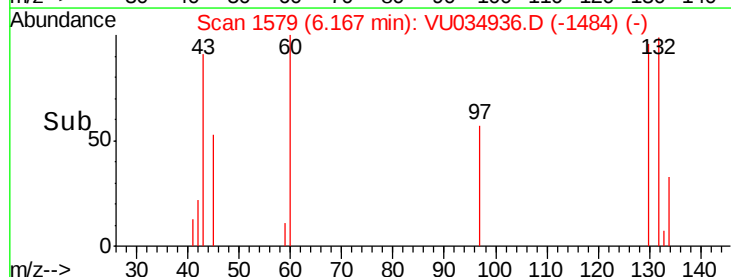
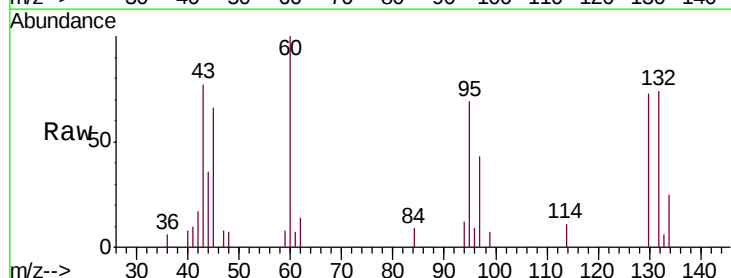
Ion Ratio Lower Upper

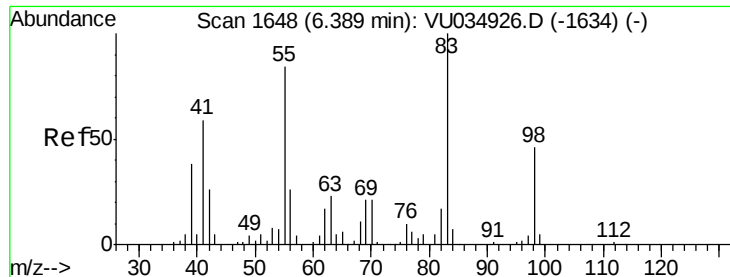
95 100

97 62.3 45.1 83.7

132 108.3 61.2 113.8

130 105.5 65.1 120.9

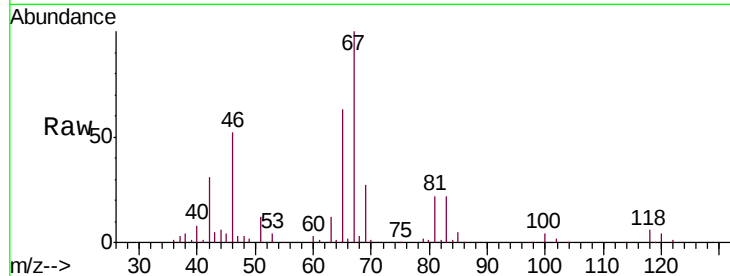




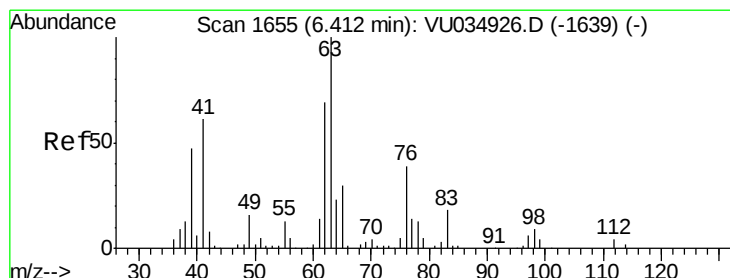
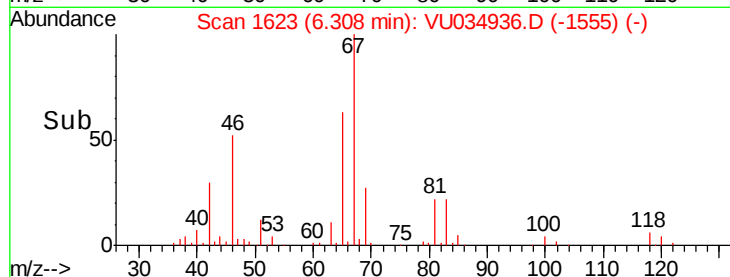
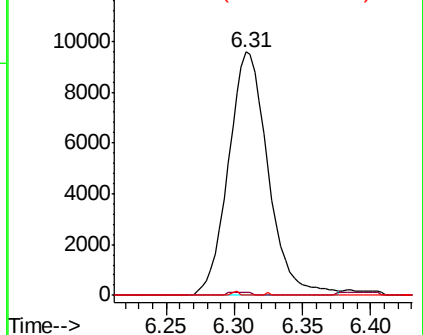
#35
Methylcyclohexane
Concen: 1.434 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
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Instrument :
MSVOA_U
ClientSampleId :
C0K04

Tgt Ion: 83 Resp: 19353
Ion Ratio Lower Upper
83 100
55 0.7 68.9 103.3#
98 0.3 36.6 54.8#

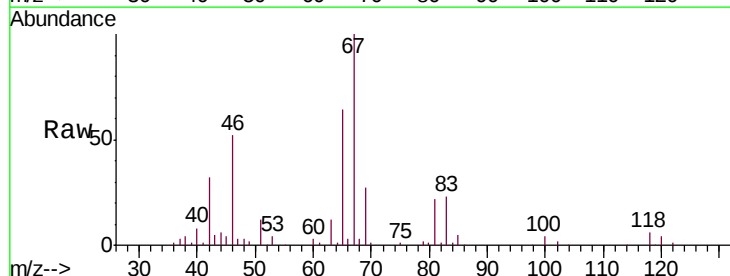


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

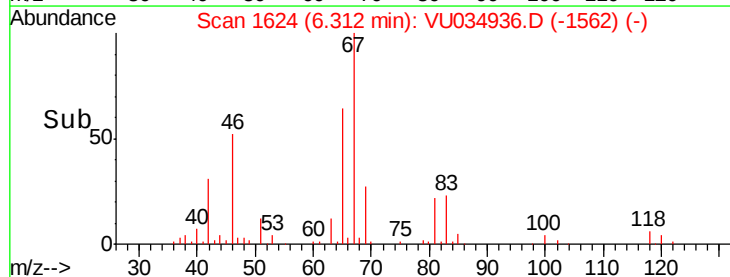
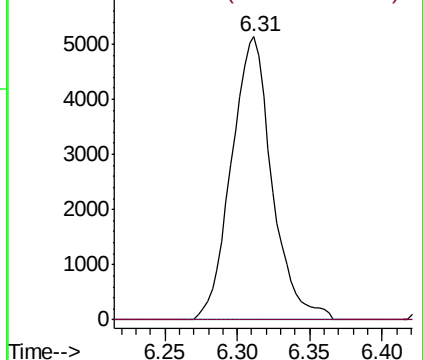


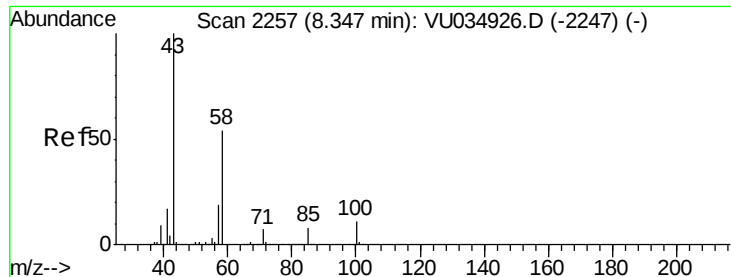
#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034936.D
Acq: 04 Oct 2019 15:36

Tgt Ion: 63 Resp: 10008
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



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

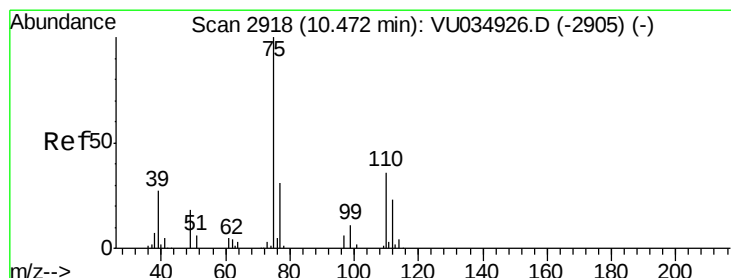
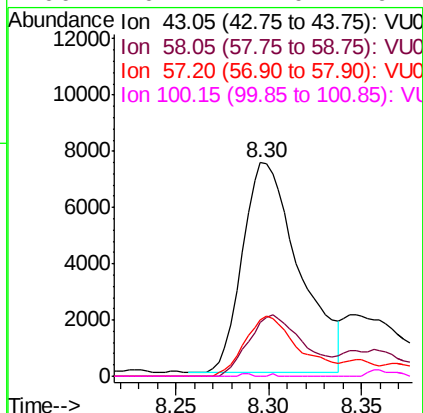
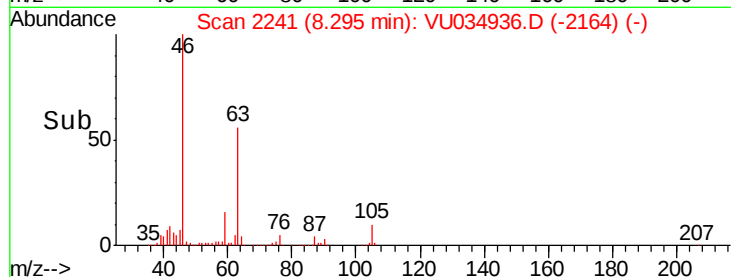
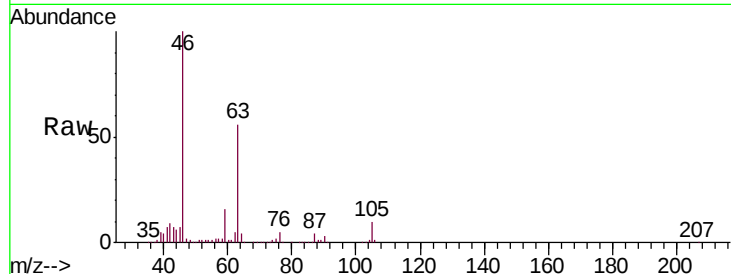




#48
2-Hexanone
Concen: 1.991 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
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C0K04

Tgt Ion: 43 Resp: 15970
Ion Ratio Lower Upper
43 100
58 28.3 37.1 55.7#
57 27.1 13.4 20.0#
100 0.1 7.0 10.4#



#59
1,2,3-Trichloropropane
Concen: 1.137 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034936.D
Acq: 04 Oct 2019 15:36

Tgt Ion: 75 Resp: 11342
Ion Ratio Lower Upper
75 100
77 36.7 26.5 39.7

