

Data File : VU034390.D
Acq On : 07 Sep 2019 19:02
Operator : JC/SP
Sample : K4724-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDB6

Quant Time: Sep 08 02:35:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	276524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	279111	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	133608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76769	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.68	69	70151	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.26	63	114229	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.17	46	240388	55.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.74%
24) Chloroform-d	4.63	84	163532	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.29	65	80584	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.32	84	345924	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.31	67	111623	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.55	98	301577	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.83	79	36324	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.30	63	176663	50.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.44%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	91205	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	125253	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

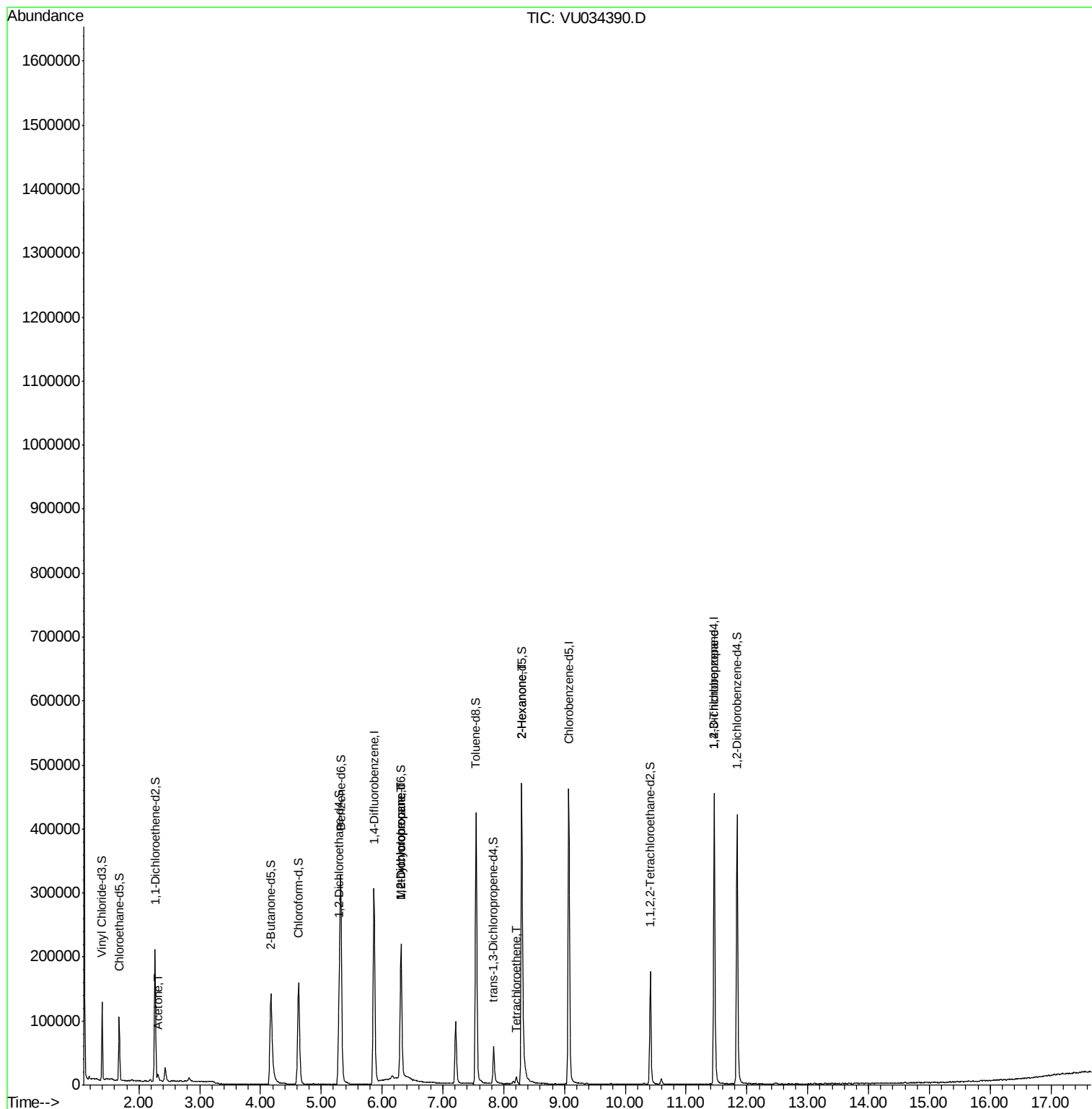
					Qvalue
13) Acetone	2.31	43	8904	3.091 ug/L	95
35) Methylcyclohexane	6.31	83	24972	0.693 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	11243	0.517 ug/L #	90
47) Tetrachloroethene	8.21	164	3255	0.182 ug/L #	74
48) 2-Hexanone	8.30	43	18707	2.226 ug/L #	79
59) 1,2,3-Trichloropropane	11.46	75	13443	1.079 ug/L	96

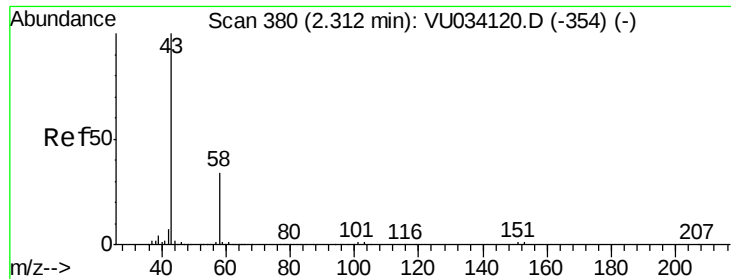
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.091 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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Acq: 07 Sep 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

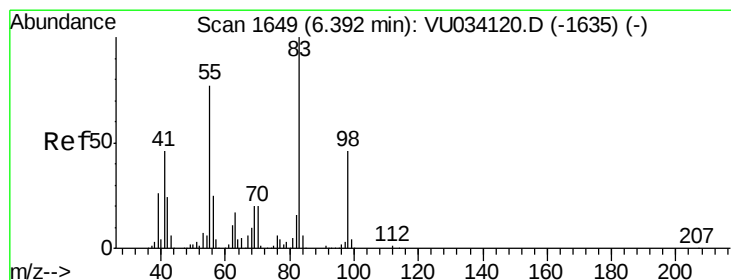
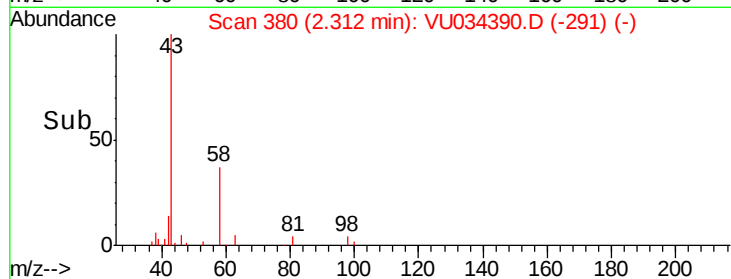
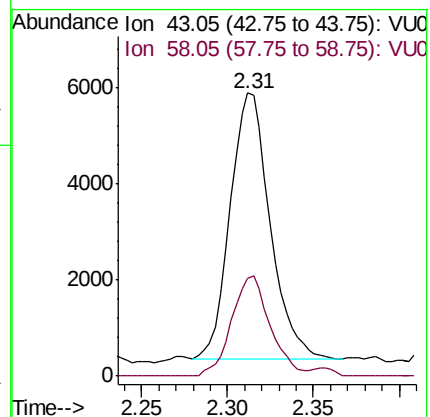
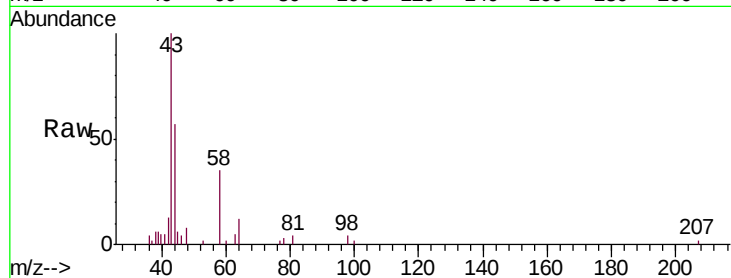
BFDB6

Tgt Ion: 43 Resp: 8904

Ion Ratio Lower Upper

43 100

58 36.6 0.0 67.6



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU034390.D

Acq: 07 Sep 2019 19:02

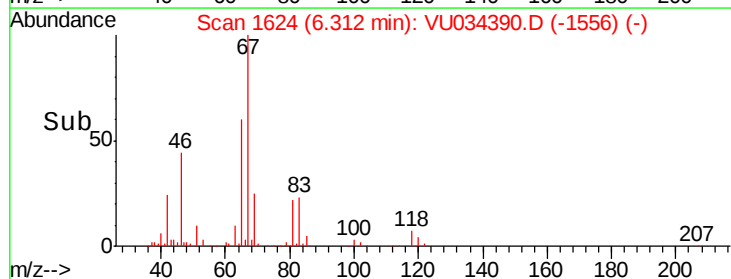
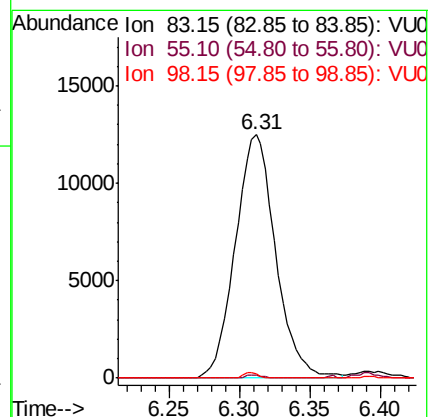
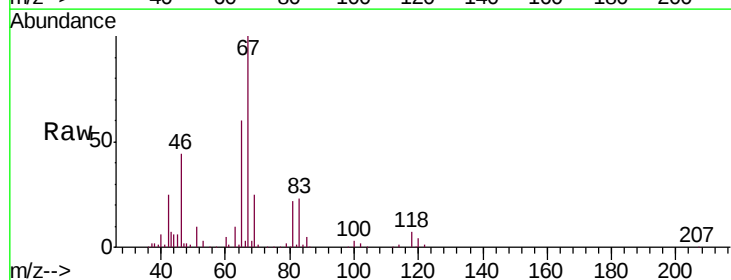
Tgt Ion: 83 Resp: 24972

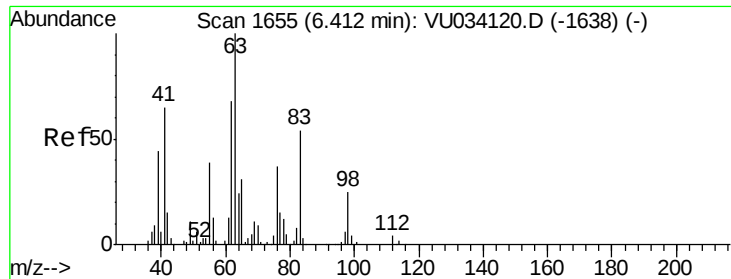
Ion Ratio Lower Upper

83 100

55 0.5 62.6 94.0#

98 0.8 36.2 54.2#

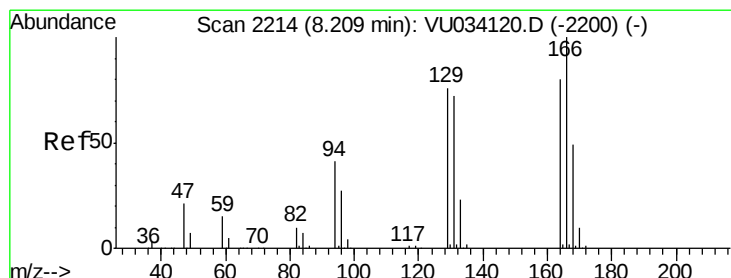
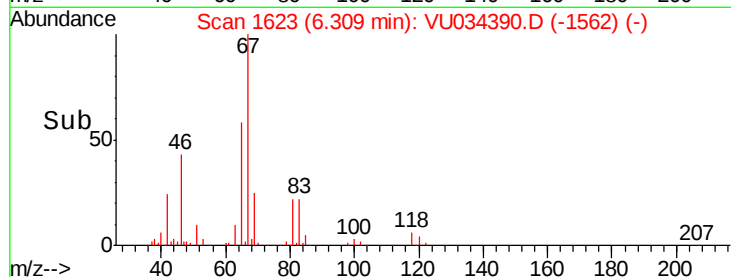
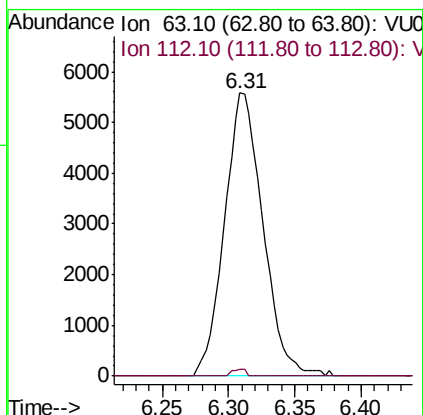
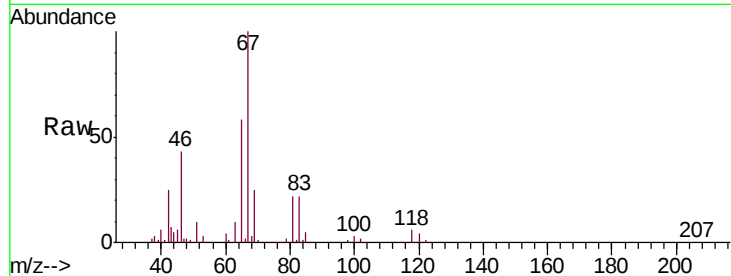




#37
 1,2-Dichloropropane
 Concen: 0.517 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034390.D
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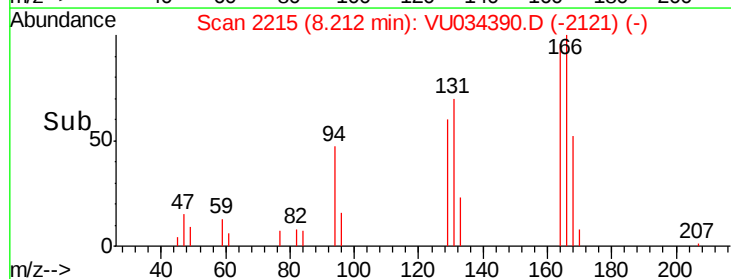
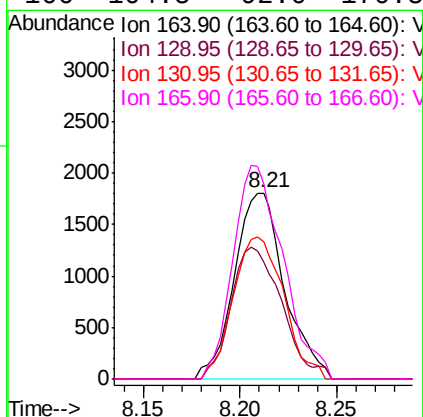
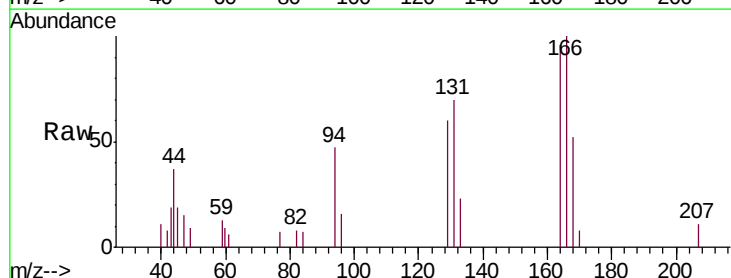
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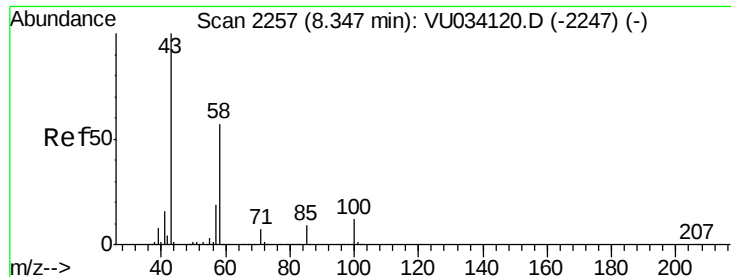
Tgt Ion: 63 Resp: 11243
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 0.182 ug/L
 RT: 8.21 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: VU034390.D
 Acq: 07 Sep 2019 19:02

Tgt Ion: 164 Resp: 3255
 Ion Ratio Lower Upper
 164 100
 129 63.0 68.0 126.2#
 131 73.5 64.6 120.0
 166 104.5 92.0 170.8

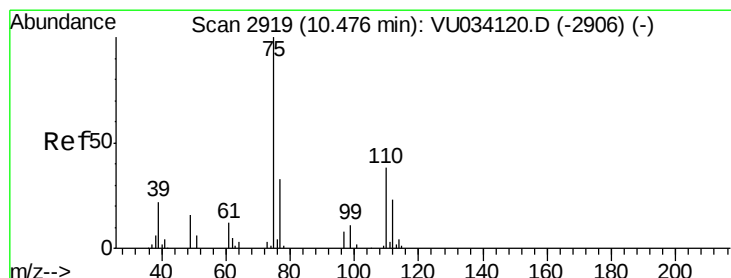
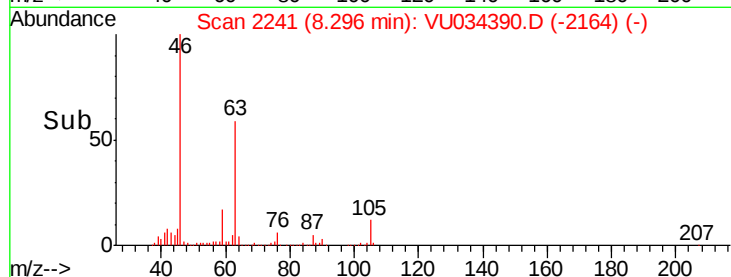
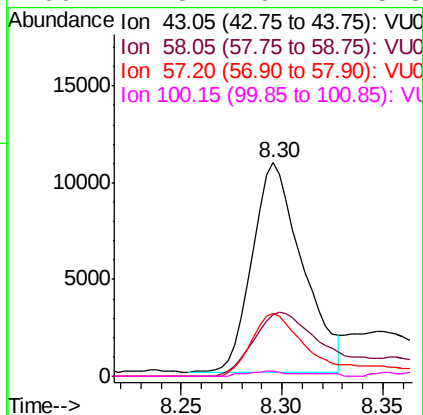
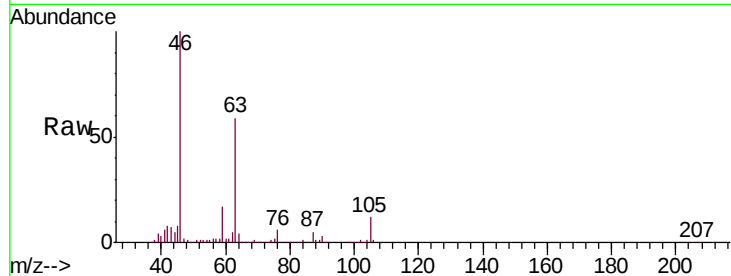




#48
 2-Hexanone
 Concen: 2.226 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU034390.D
 Acq: 07 Sep 2019 19:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDB6

Tgt Ion: 43 Resp: 18707
 Ion Ratio Lower Upper
 43 100
 58 43.8 44.9 67.3#
 57 33.2 15.0 22.6#
 100 2.3 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.079 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034390.D
 Acq: 07 Sep 2019 19:02

Tgt Ion: 75 Resp: 13443
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.0 39.0

