

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030993.D
 Acq On : 10 Apr 2019 06:45
 Operator : JC/SP
 Sample : K2290-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZH9

Quant Time: Apr 10 08:31:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 08:26:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	323954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	129251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62840	2.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.80%
7) Chloroethane-d5	1.68	69	58919	2.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.00%#
11) 1,1-Dichloroethene-d2	2.27	63	97767	1.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.60%#
20) 2-Butanone-d5	4.18	46	261916	41.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.12%
24) Chloroform-d	4.64	84	117270	2.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.80%#
26) 1,2-Dichloroethane-d4	5.31	65	79889	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
32) Benzene-d6	5.33	84	236490	2.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	54.00%#
36) 1,2-Dichloropropane-d6	6.33	67	87582	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.20%
41) Toluene-d8	7.56	98	181011	2.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	46.80%#
43) trans-1,3-Dichloropropene-	7.85	79	26251	2.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.60%#
46) 2-Hexanone-d5	8.31	63	154149	32.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	78463	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	71424	3.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.00%#

Target Compounds

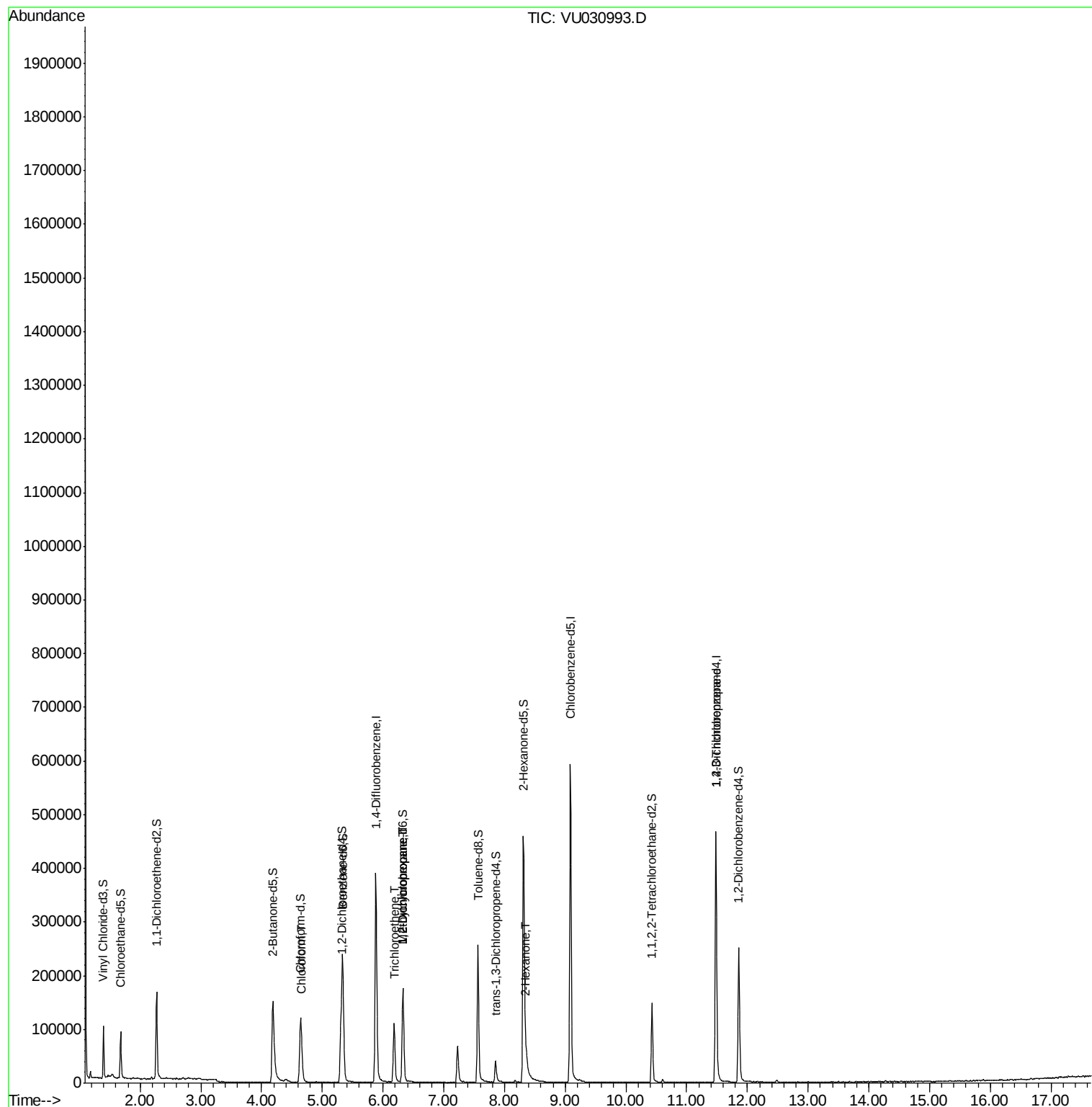
					Ovalue
25) Chloroform	4.67	83	18956	0.394	ug/L 94
34) Trichloroethene	6.18	95	41233	1.480	ug/L 96
35) Methylcyclohexane	6.33	83	20069	0.451	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	10270	0.335	ug/L # 93
48) 2-Hexanone	8.36	43	17946	1.356	ug/L # 84
59) 1,2,3-Trichloropropane	11.48	75	15542	0.908	ug/L # 79

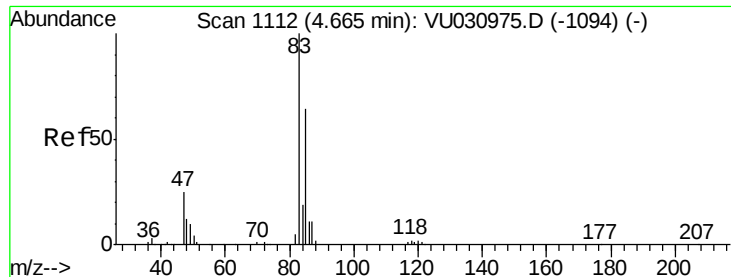
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.394 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

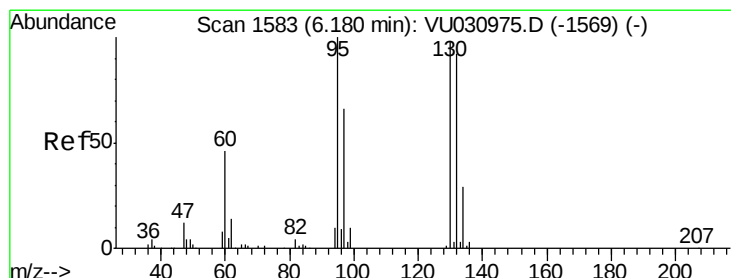
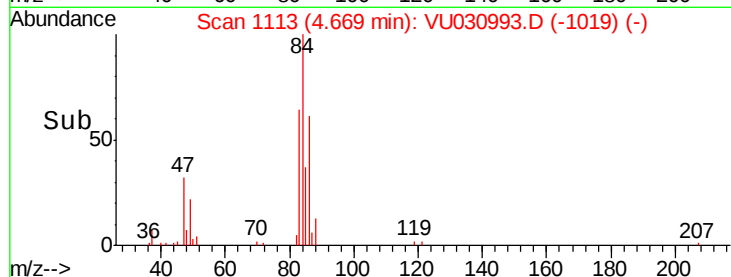
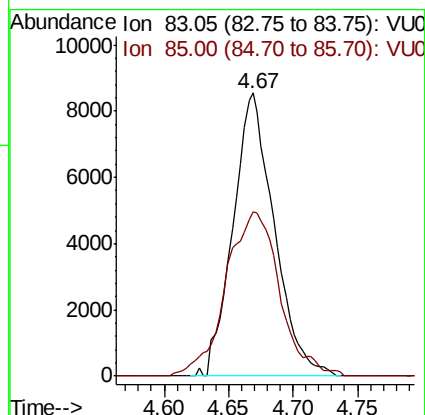
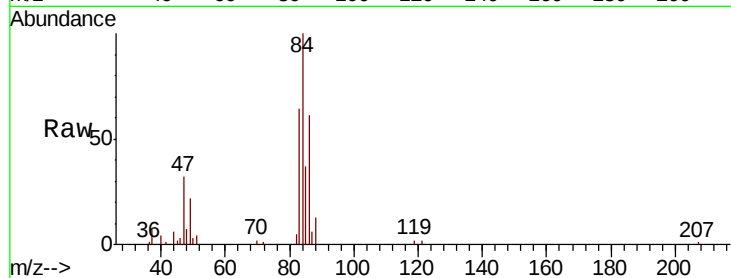
BEZH9

Tot Ion: 83 Resp: 18956

Ion Ratio Lower Upper

83 100

85 58.2 44.2 82.2



#34

Trichloroethene

Concen: 1.480 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030993.D

Acq: 10 Apr 2019 06:45

Tgt Ion: 95 Resp: 41233

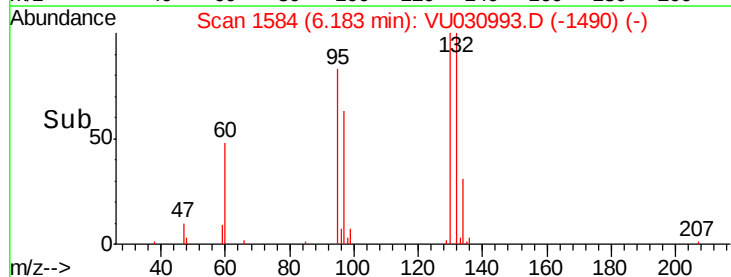
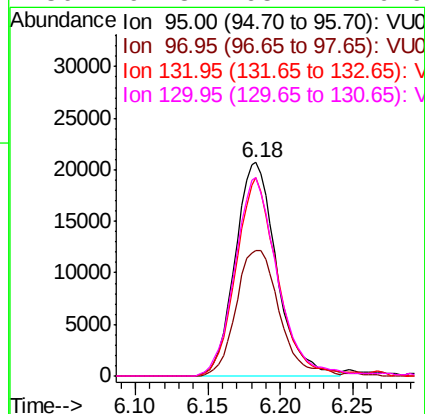
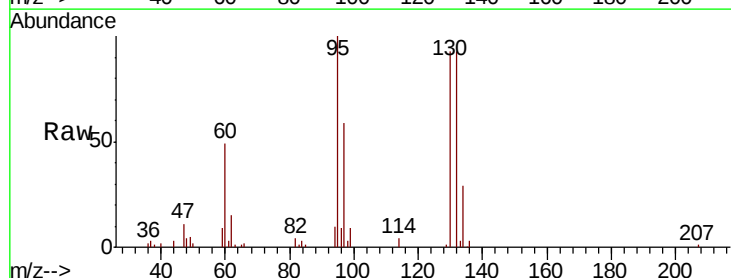
Ion Ratio Lower Upper

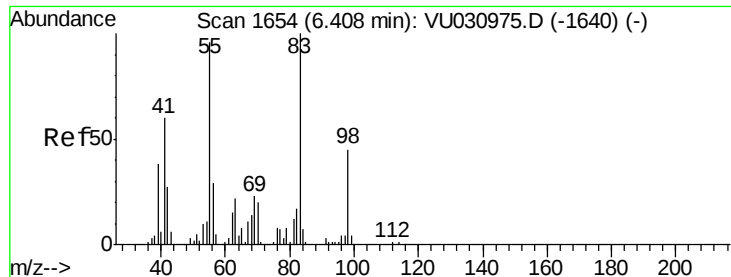
95 100

97 58.9 43.5 80.9

132 92.8 60.7 112.7

130 92.8 65.1 120.9

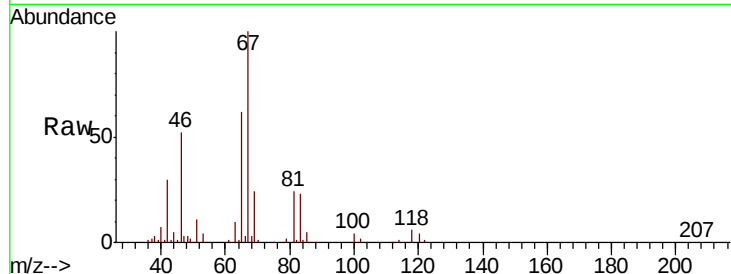




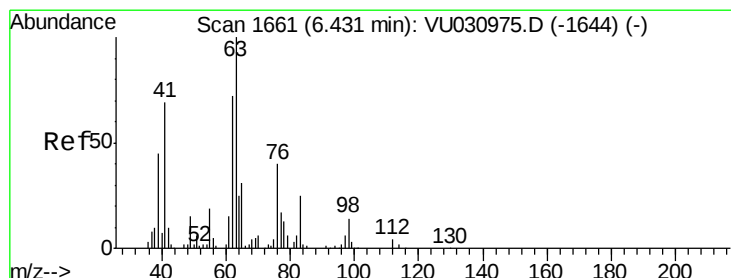
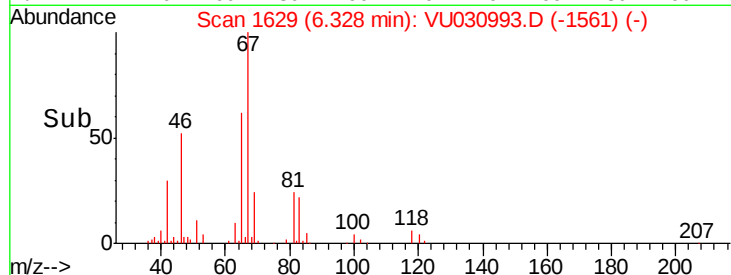
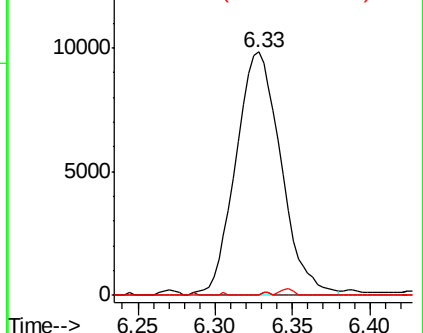
#35
Methvlcvclohexane
Concen: 0.451 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030993.D
Acq: 10 Apr 2019 06:45

Instrument :
MSVOA_U
ClientSampleId :
BEZH9

Tot Ion: 83 Resp: 20069
Ion Ratio Lower Upper
83 100
55 0.2 72.6 108.8#
98 0.2 35.0 52.6#

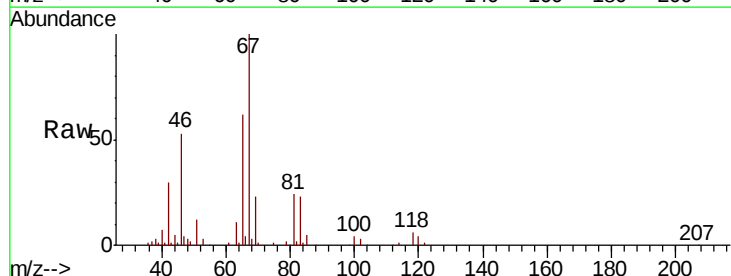


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

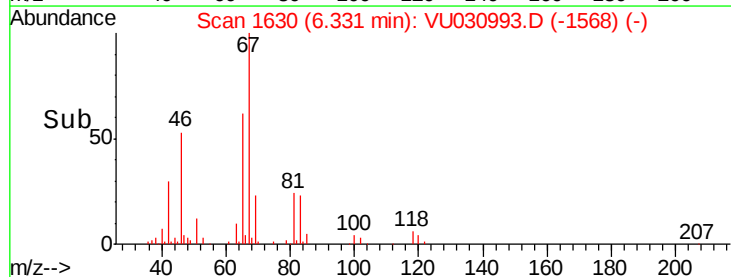
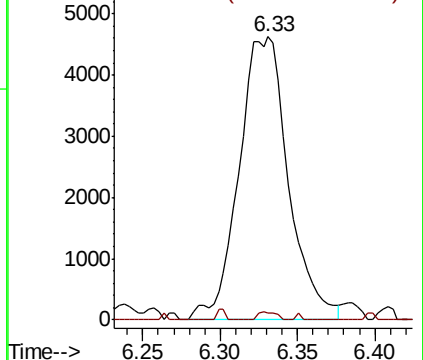


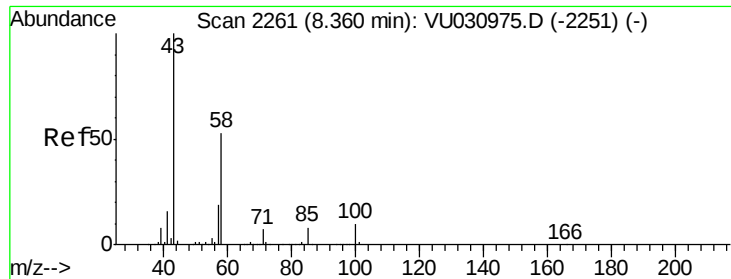
#37
1,2-Dichloropropane
Concen: 0.335 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU030993.D
Acq: 10 Apr 2019 06:45

Tgt Ion: 63 Resp: 10270
Ion Ratio Lower Upper
63 100
112 1.1 2.8 4.2#



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

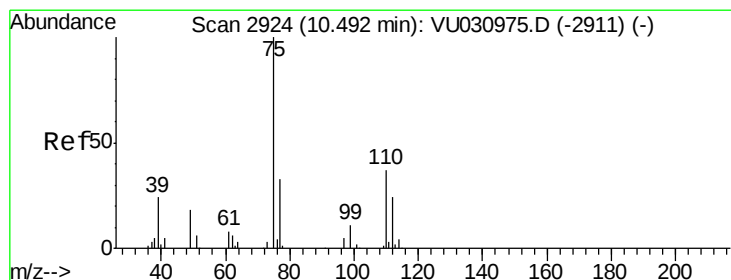
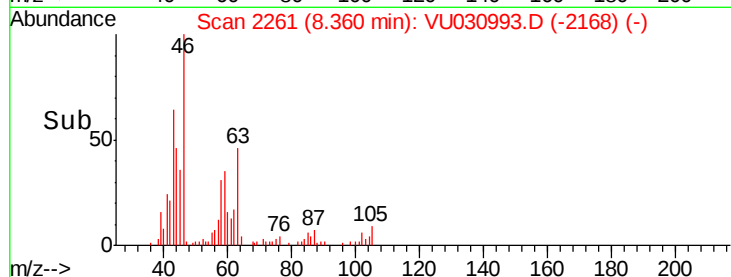
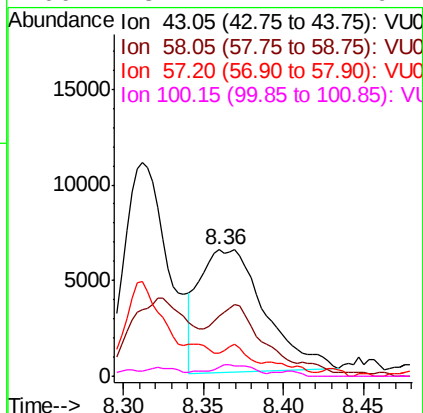
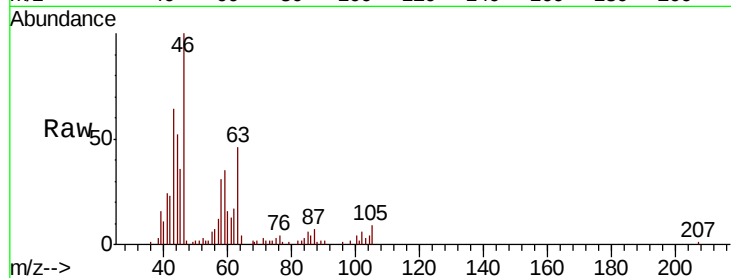




#48
2-Hexanone
Concen: 1.356 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030993.D
Acq: 10 Apr 2019 06:45

Instrument :
MSVOA_U
ClientSampled :
BEZH9

Tot Ion: 43 Resp: 17946
Ion Ratio Lower Upper
43 100
58 44.3 42.5 63.7
57 4.2 13.9 20.9#
100 5.1 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 0.908 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030993.D
Acq: 10 Apr 2019 06:45

Tgt Ion: 75 Resp: 15542
Ion Ratio Lower Upper
75 100
77 43.6 25.6 38.4#

