

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031034.D
 Acq On : 11 Apr 2019 00:09
 Operator : JC/SP
 Sample : K2299-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6Z7

Quant Time: Apr 11 05:25:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508927	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	489942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	219843	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.78%
7) Chloroethane-d5	1.68	69	179228	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.27	63	310740	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
21) 2-Butanone-d5	4.17	46	369006	102.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	4.64	84	360912	52.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.02%
26) 1,2-Dichloroethane-d4	5.30	65	251184	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
32) Benzene-d6	5.33	84	746815	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
36) 1,2-Dichloropropane-d6	6.32	67	253683	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.50%
41) Toluene-d8	7.56	98	651056	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%
43) trans-1,3-Dichloropropene-	7.85	79	105586	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
47) 2-Hexanone-d5	8.31	63	226399	101.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	340267	51.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	237930	54.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.92%

Target Compounds

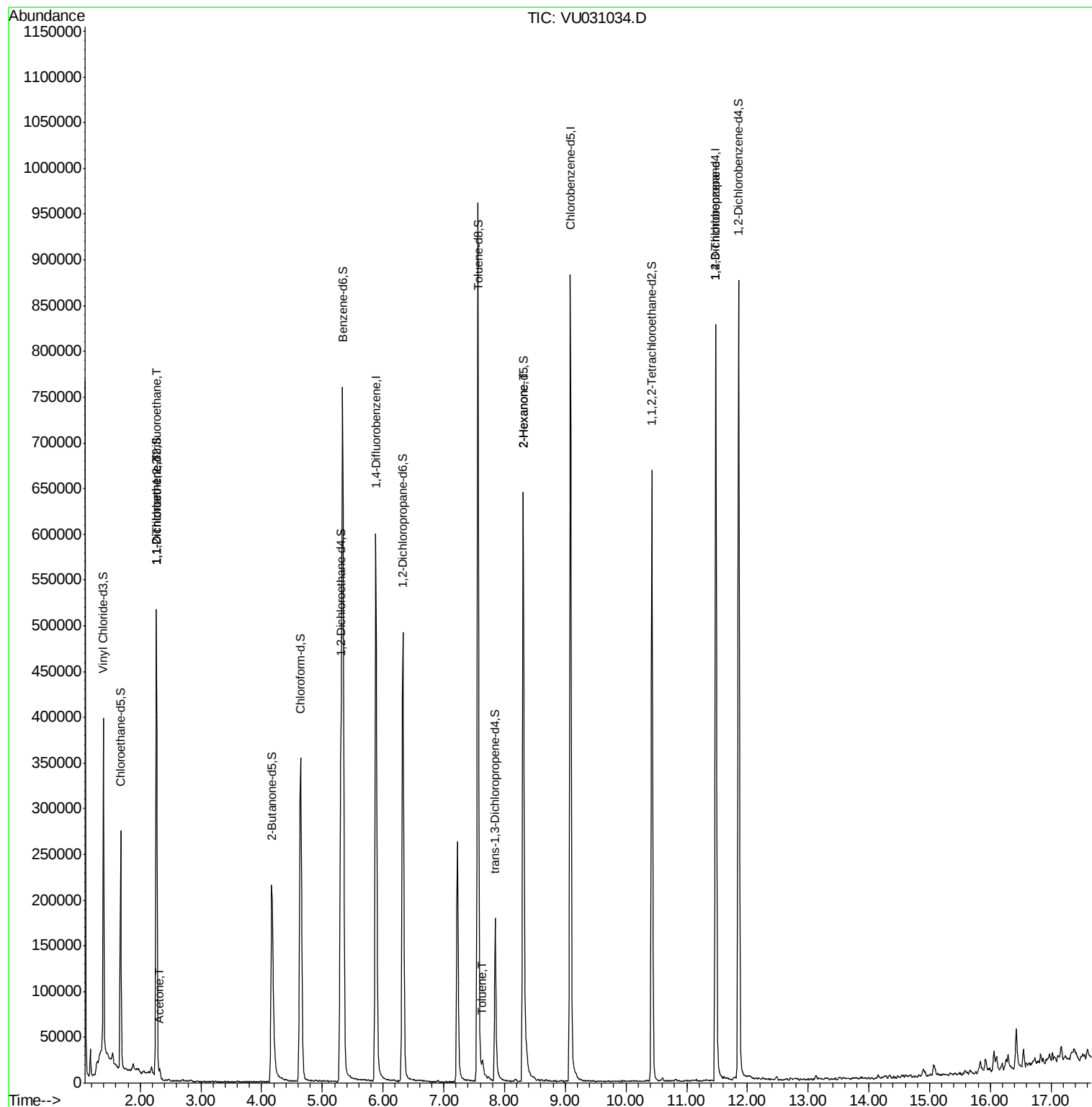
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2298	0.631 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2170	0.617 ug/L #	1
13) Acetone	2.32	43	6679	1.813 ug/L	100
42) Toluene	7.64	91	11734	0.717 ug/L	100
48) 2-Hexanone	8.31	43	26991	4.739 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	27321	5.025 ug/L	95

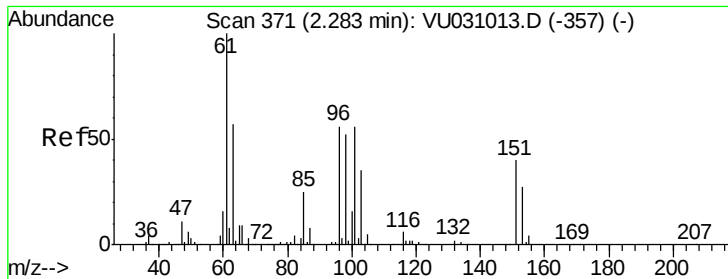
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.631 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031034.D

Acq: 11 Apr 2019 00:09

Instrument :

MSVOA_U

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DB6Z7

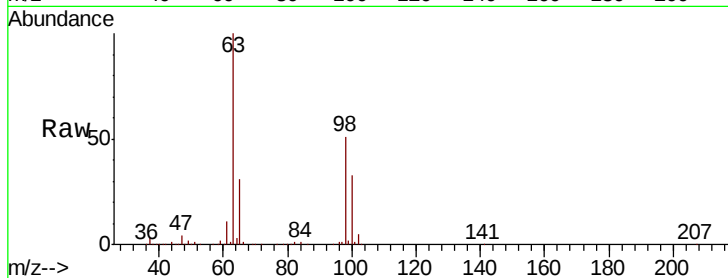
Tot Ion:101 Resp: 2298

Ion Ratio Lower Upper

101 100

85 2.2 36.8 55.2#

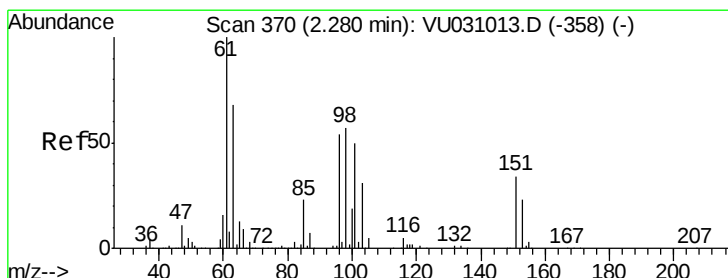
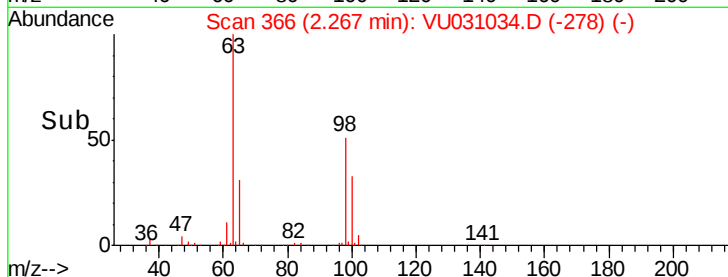
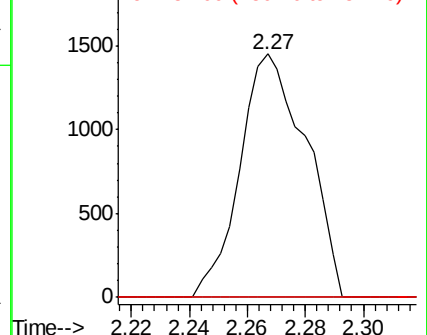
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.617 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031034.D

Acq: 11 Apr 2019 00:09

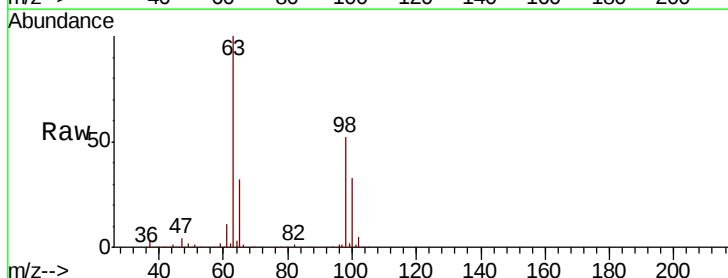
Tgt Ion: 96 Resp: 2170

Ion Ratio Lower Upper

96 100

61 1381.1 132.0 245.2#

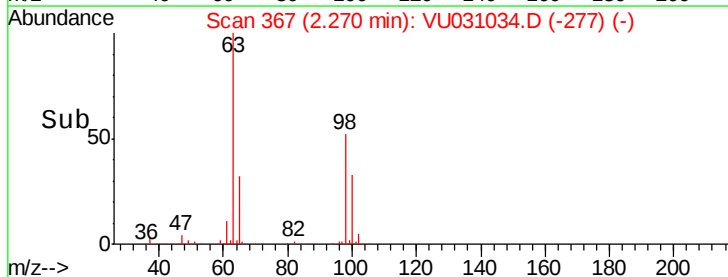
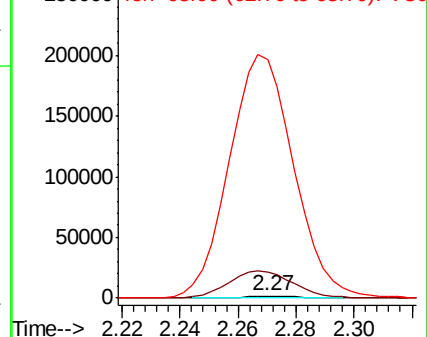
63 12466.8 90.9 168.9#

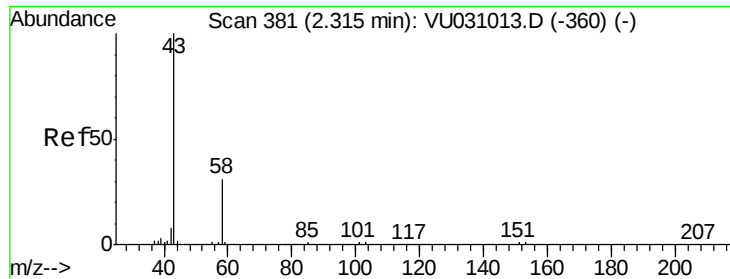


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.813 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031034.D

Acq: 11 Apr 2019 00:09

Instrument :

MSVOA_U

ClientSampleId :

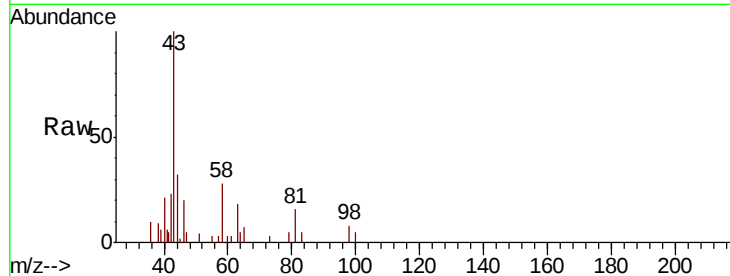
DB6Z7

Tot Ion: 43 Resp: 6679

Ion Ratio Lower Upper

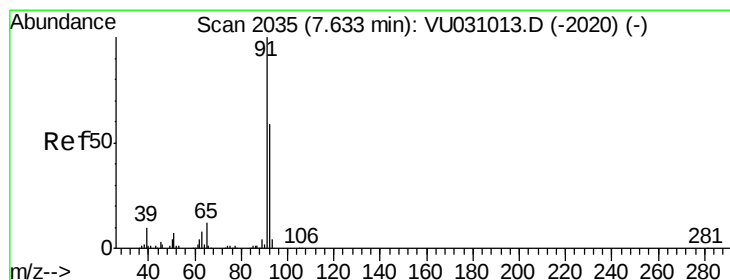
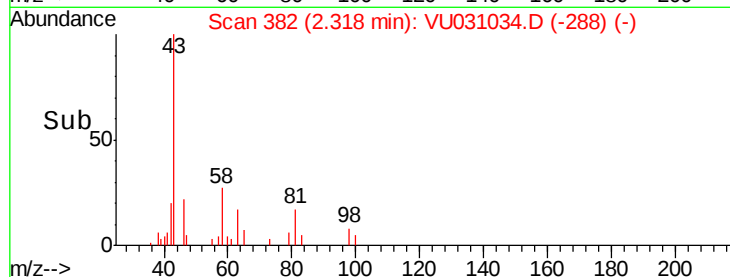
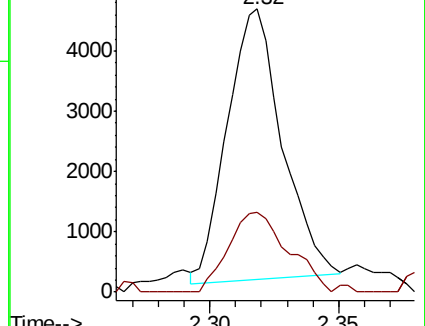
43 100

58 32.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031013.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031013.D (-360) (-)



#42

Toluene

Concen: 0.717 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031034.D

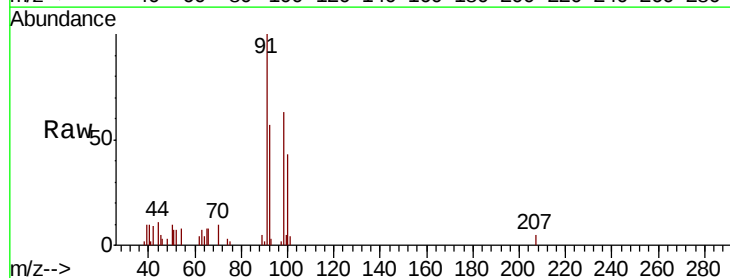
Acq: 11 Apr 2019 00:09

Tgt Ion: 91 Resp: 11734

Ion Ratio Lower Upper

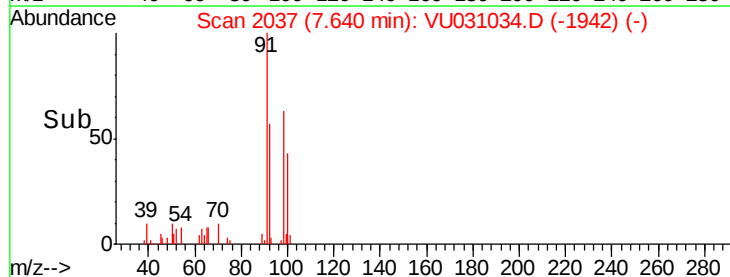
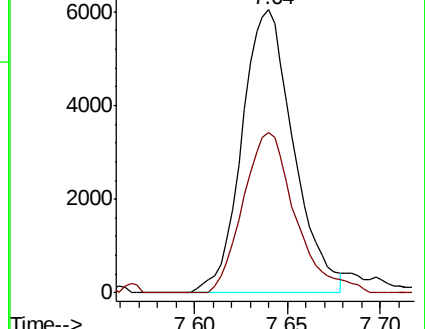
91 100

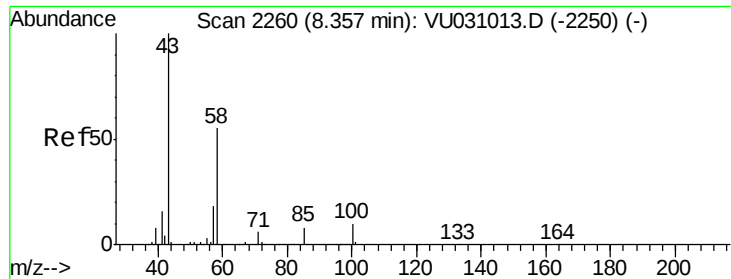
92 56.8 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031013.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031013.D (-2020) (-)

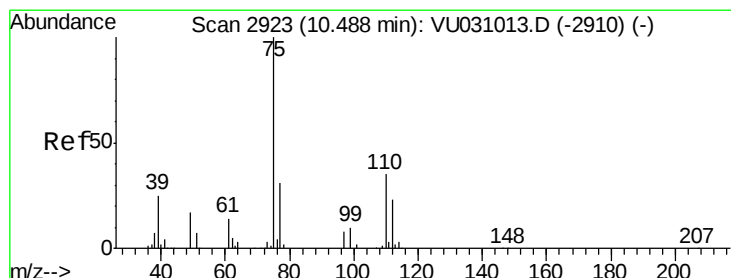
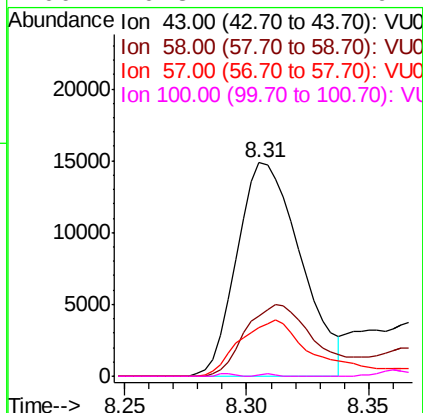
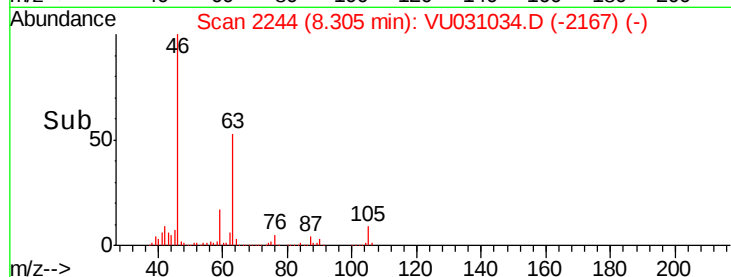
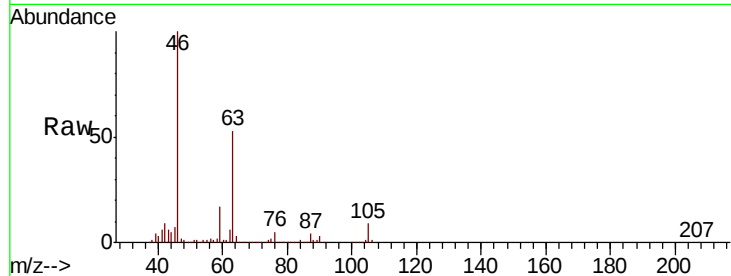




#48
2-Hexanone
Concen: 4.739 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU031034.D
Acq: 11 Apr 2019 00:09

Instrument :
MSVOA_U
ClientSampleId :
DB6Z7

Tot Ion: 43 Resp: 26991
Ion Ratio Lower Upper
43 100
58 38.5 41.9 62.9#
57 30.9 14.3 21.5#
100 0.3 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 5.025 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031034.D
Acq: 11 Apr 2019 00:09

Tgt Ion: 75 Resp: 27321
Ion Ratio Lower Upper
75 100
77 35.4 26.1 39.1

