

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030979.D
 Acq On : 10 Apr 2019 01:08
 Operator : JC/SP
 Sample : K2290-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZH6

Quant Time: Apr 10 04:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 04:30:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214367	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	217390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65706	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.68	69	64198	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	102758	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.19	46	275733	65.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.64%#
24) Chloroform-d	4.64	84	124346	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.31	65	81070	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.34	84	244574	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.33	67	90712	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.56	98	184652	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.85	79	29679	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.31	63	160449	51.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81577	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	71332	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

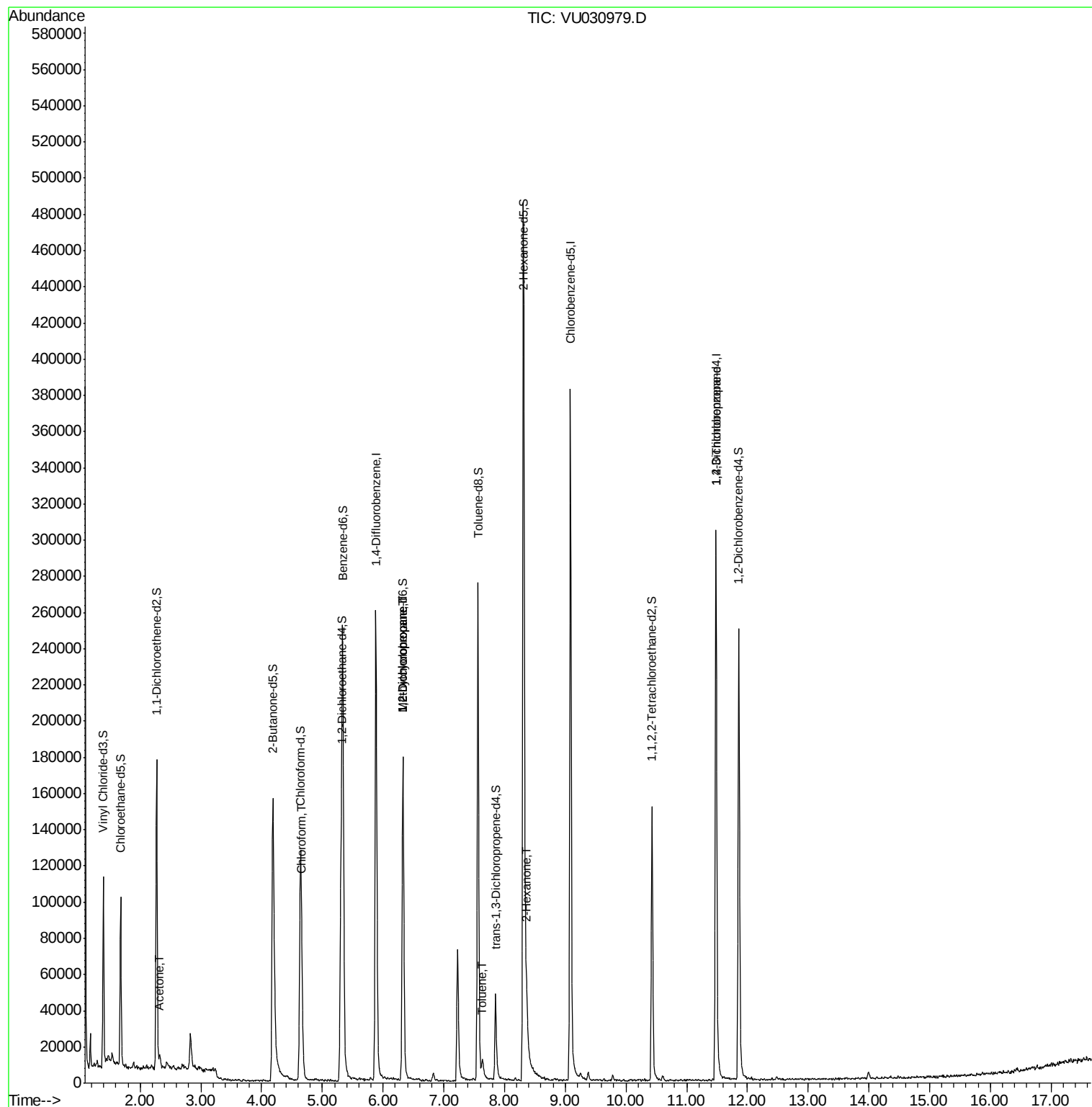
					Ovalue
13) Acetone	2.32	43	5807	1.779 ug/L	89
25) Chloroform	4.67	83	19105	0.600 ug/L	97
35) Methylcyclohexane	6.33	83	20195	0.687 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9853	0.487 ug/L #	90
42) Toluene	7.64	91	7671	0.104 ug/L	81
48) 2-Hexanone	8.37	43	14636	1.673 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	11176	0.988 ug/L #	84

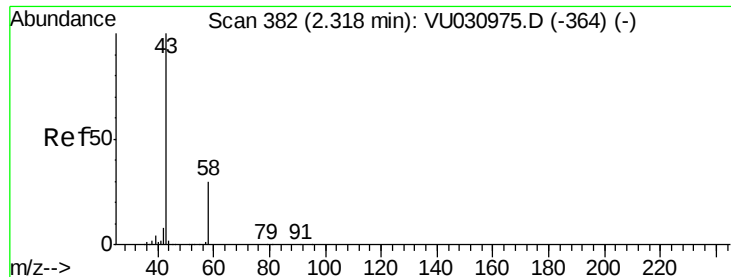
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.779 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030979.D

Acq: 10 Apr 2019 01:08

Instrument :

MSVOA_U

ClientSampleId :

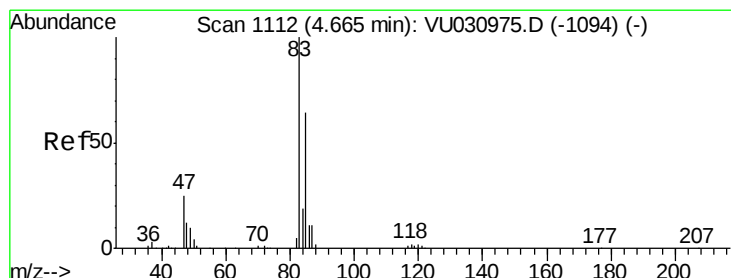
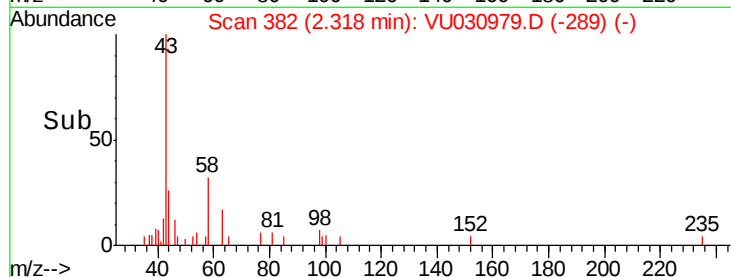
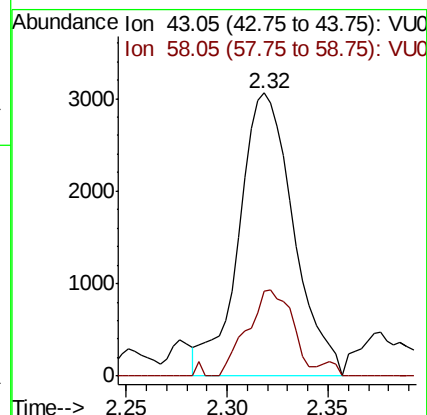
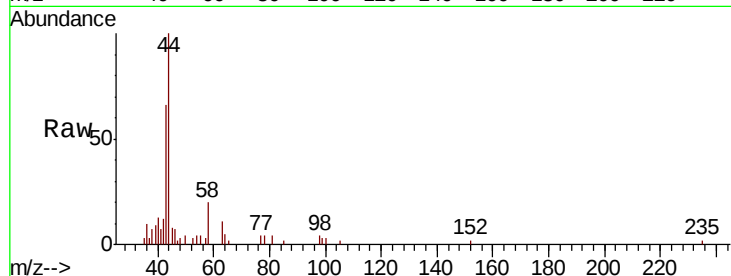
BEZH6

Tot Ion: 43 Resp: 5807

Ion Ratio Lower Upper

43 100

58 25.4 0.0 62.8



#25

Chloroform

Concen: 0.600 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030979.D

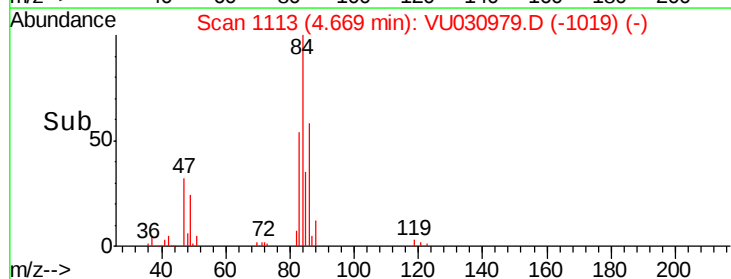
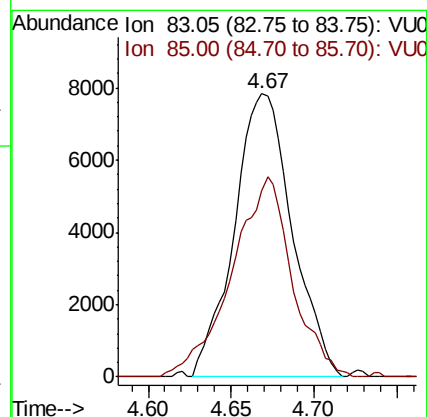
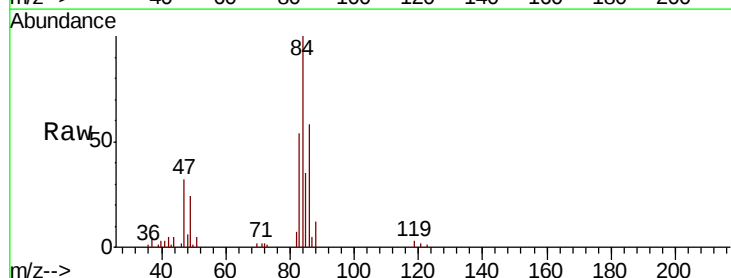
Acq: 10 Apr 2019 01:08

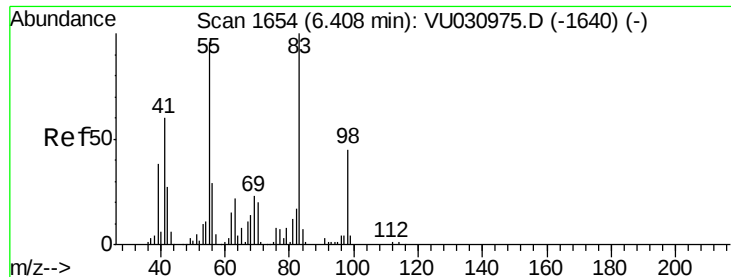
Tgt Ion: 83 Resp: 19105

Ion Ratio Lower Upper

83 100

85 65.6 44.2 82.2

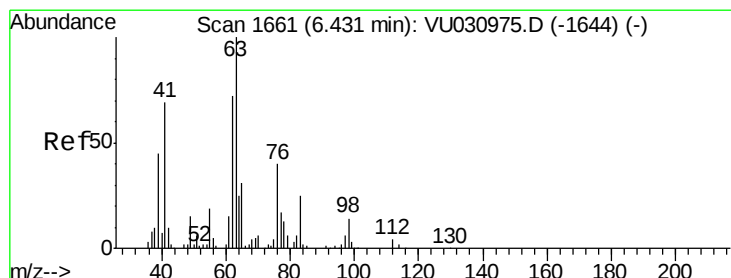
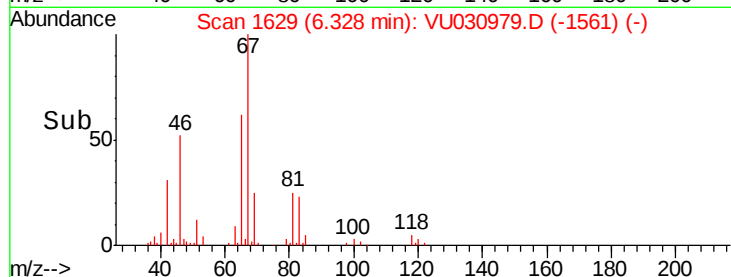
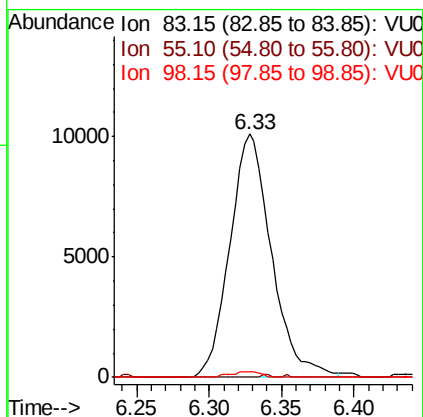
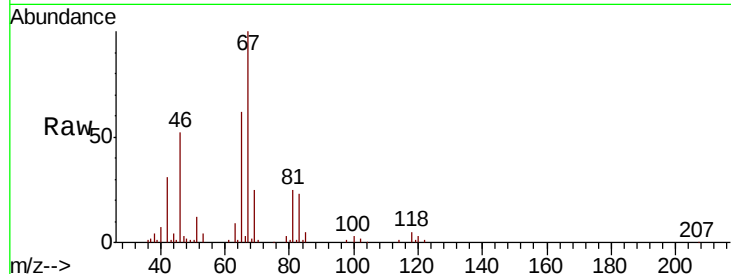




#35
Methvlcvclohexane
Concen: 0.687 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030979.D
Acq: 10 Apr 2019 01:08

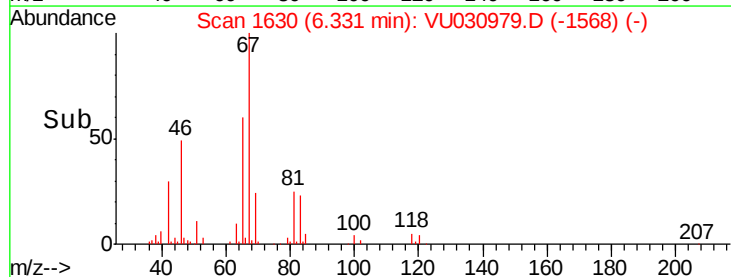
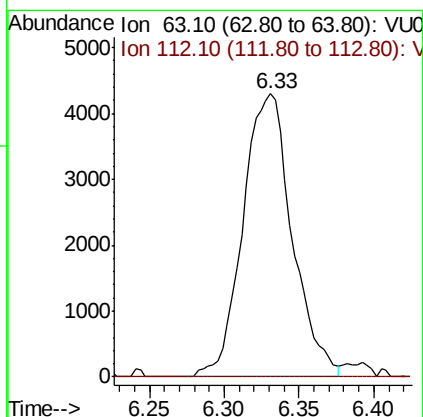
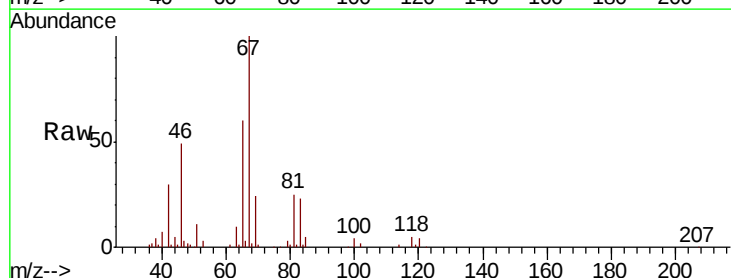
Instrument :
MSVOA_U
ClientSampleId :
BEZH6

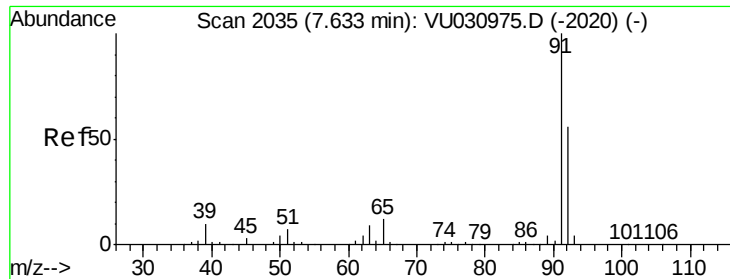
Tot Ion: 83 Resp: 20195
Ion Ratio Lower Upper
83 100
55 0.2 72.6 108.8#
98 1.6 35.0 52.6#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU030979.D
Acq: 10 Apr 2019 01:08

Tgt Ion: 63 Resp: 9853
Ion Ratio Lower Upper
63 100
112 0.2 2.8 4.2#





#42

Toluene

Concen: 0.104 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU030979.D

Acq: 10 Apr 2019 01:08

Instrument :

MSVOA_U

ClientSampleId :

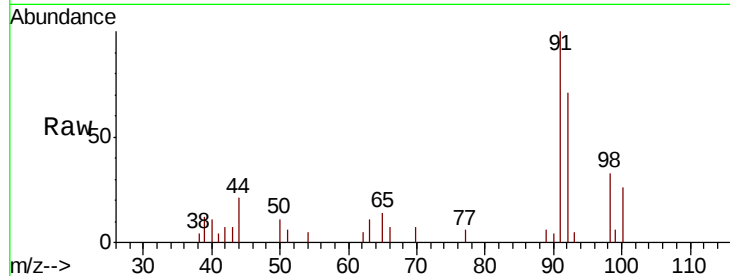
BEZH6

Tot Ion: 91 Resp: 7671

Ion Ratio Lower Upper

91 100

92 71.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU030979.D (-2168) (-)

Ion 92.15 (91.85 to 92.85): VU030979.D (-2168) (-)

7.64

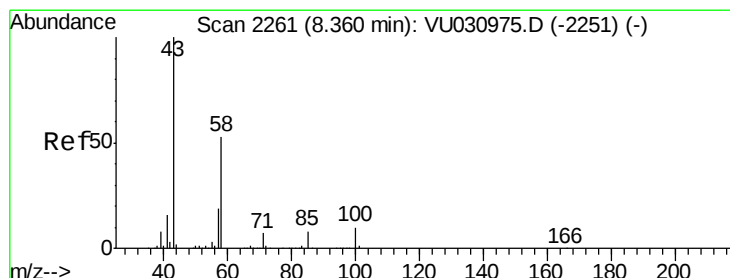
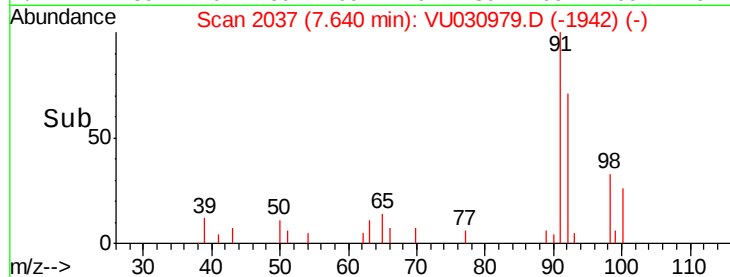
3000

2000

1000

0

Time-->



#48

2-Hexanone

Concen: 1.673 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU030979.D

Acq: 10 Apr 2019 01:08

Tgt Ion: 43 Resp: 14636

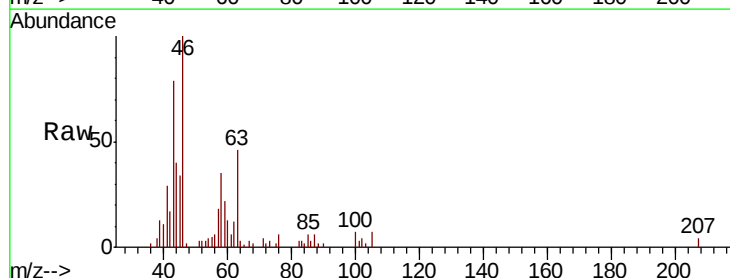
Ion Ratio Lower Upper

43 100

58 34.6 42.5 63.7#

57 3.3 13.9 20.9#

100 8.7 7.1 10.7



Abundance Ion 43.05 (42.75 to 43.75): VU030979.D (-2168) (-)

Ion 58.05 (57.75 to 58.75): VU030979.D (-2168) (-)

Ion 57.20 (56.90 to 57.90): VU030979.D (-2168) (-)

Ion 100.15 (99.85 to 100.85): VU030979.D (-2168) (-)

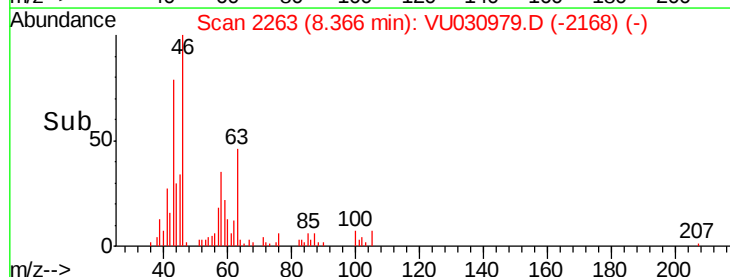
15000

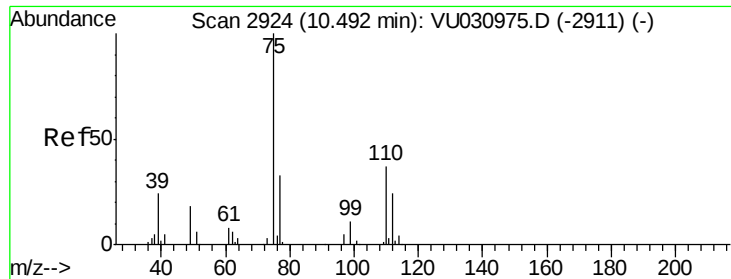
10000

5000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030979.D

Acq: 10 Apr 2019 01:08

Instrument :

MSVOA_U

ClientSampleId :

BEZH6

Tot Ion: 75 Resp: 11176

Ion Ratio Lower Upper

75 100

77 41.2 25.6 38.4#

