

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030918.D
 Acq On : 08 Apr 2019 20:32
 Operator : JC/SP
 Sample : K2284-09RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA7

Quant Time: Apr 09 01:17:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 01:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	257772	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	266214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105152	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.68	69	88608	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.26	63	157625	3.91	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.19	46	333309	65.67	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.34%#
24) Chloroform-d	4.64	84	168337	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.31	65	108335	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.33	84	363421	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.33	67	123212	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.56	98	289972	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	43096	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.31	63	228674	60.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102199	6.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	103897	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

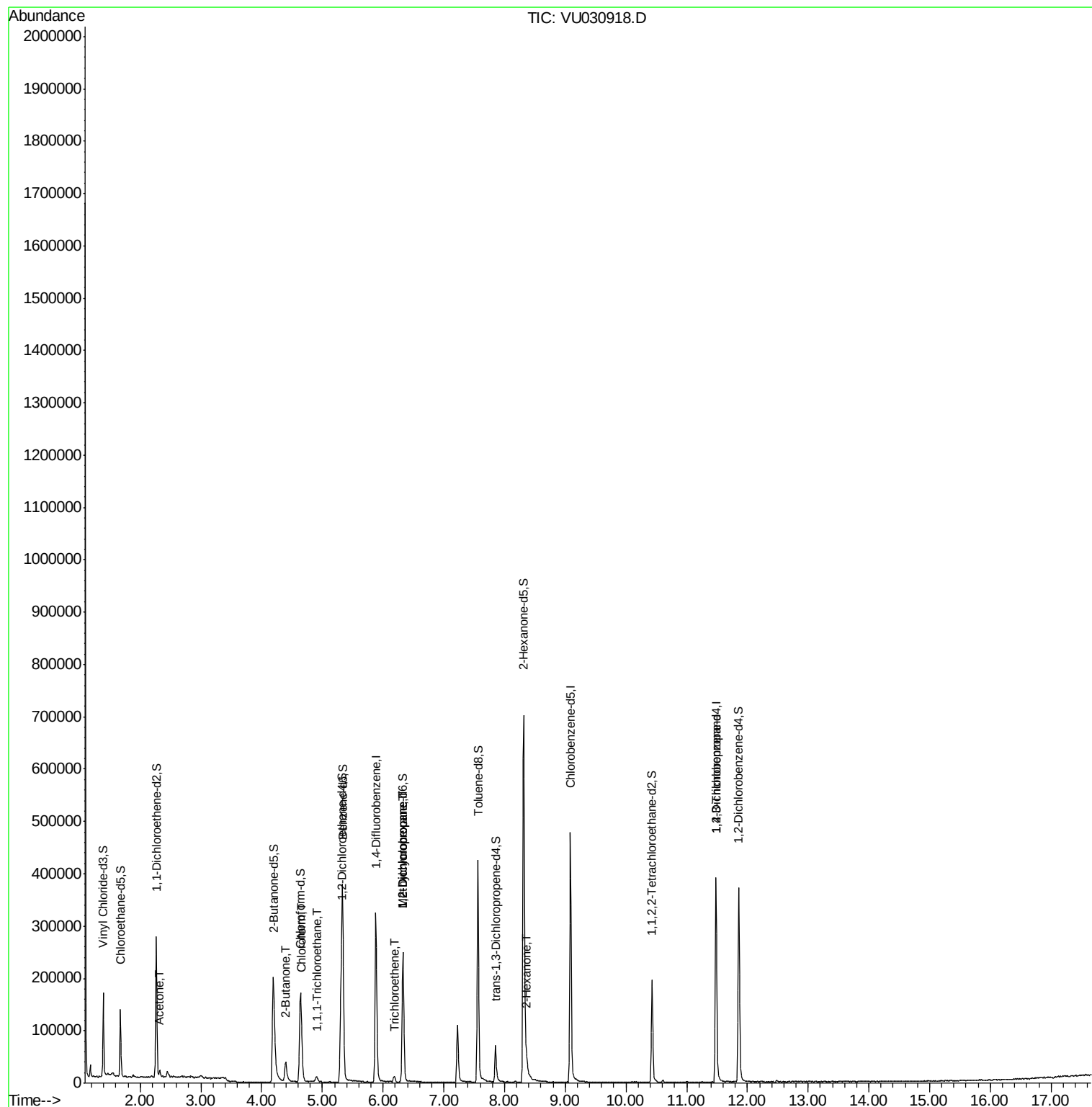
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	9478	2.415	ug/L	95
21) 2-Butanone	4.40	43	59280	9.532	ug/L #	54
25) Chloroform	4.67	83	25216	0.659	ug/L	94
29) 1,1,1-Trichloroethane	4.91	97	8212	0.242	ug/L	96
34) Trichloroethene	6.18	95	4186	0.186	ug/L	91
35) Methylcyclohexane	6.33	83	27699	0.770	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13947	0.563	ug/L #	91
48) 2-Hexanone	8.37	43	15496	1.447	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	13939	1.007	ug/L	93

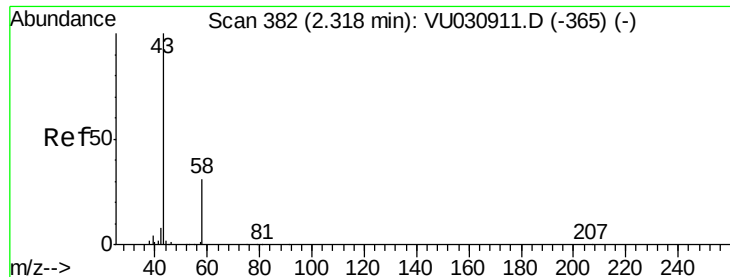
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.415 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030918.D

Acq: 08 Apr 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

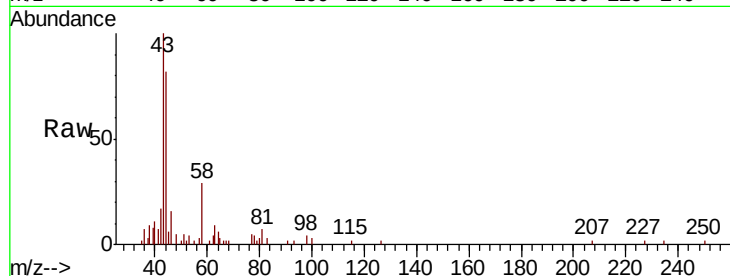
BEZA7

Tot Ion: 43 Resp: 9478

Ion Ratio Lower Upper

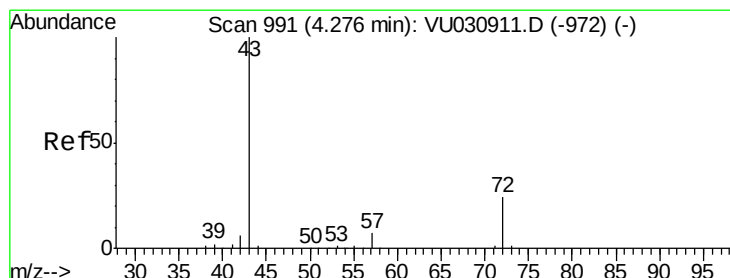
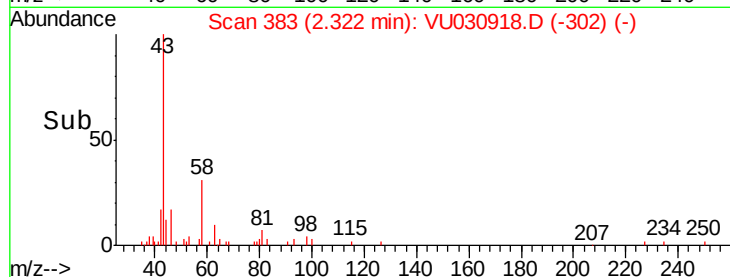
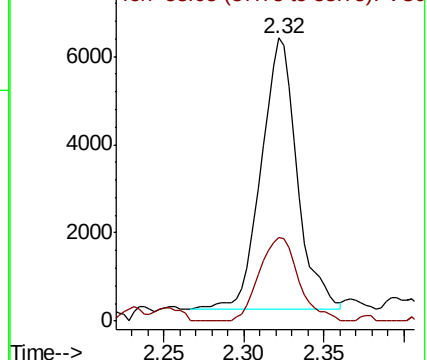
43 100

58 34.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 9.532 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.10 min

Lab File: VU030918.D

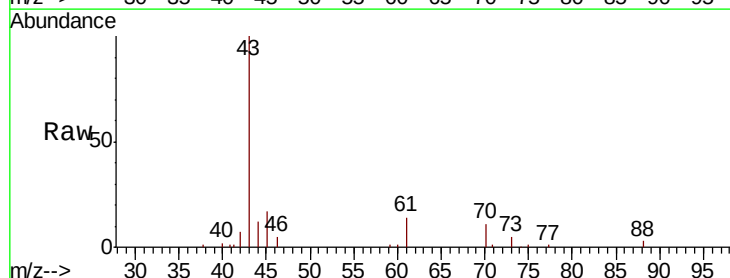
Acq: 08 Apr 2019 20:32

Tgt Ion: 43 Resp: 59280

Ion Ratio Lower Upper

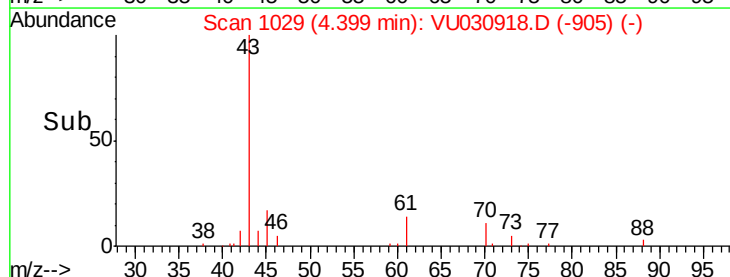
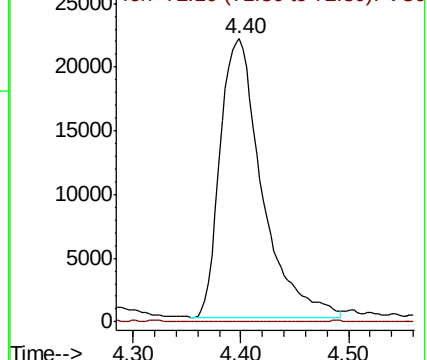
43 100

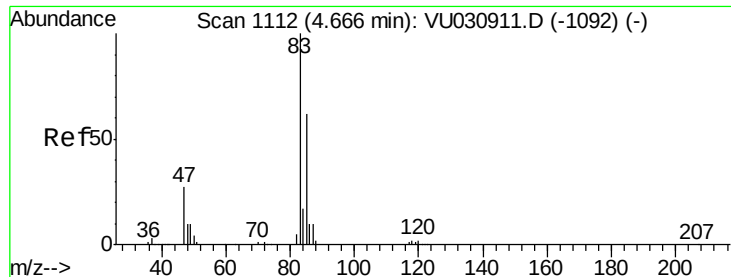
72 0.2 11.2 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

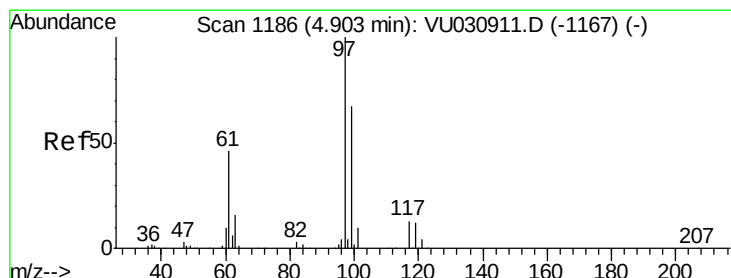
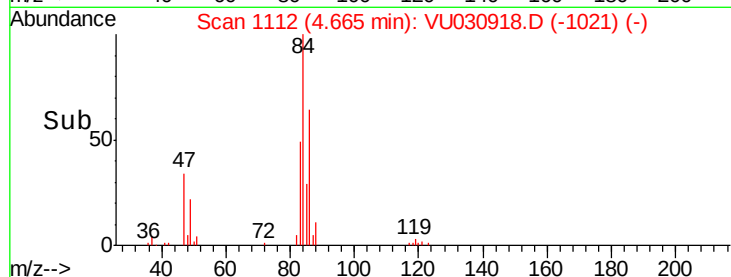
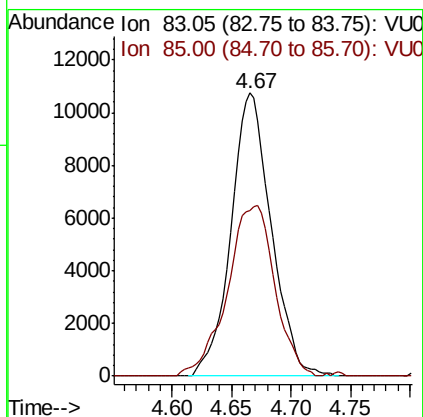
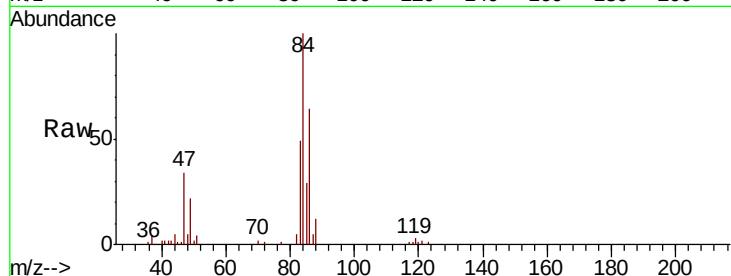




#25
Chloroform
Concen: 0.659 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VU030918.D
Acq: 08 Apr 2019 20:32

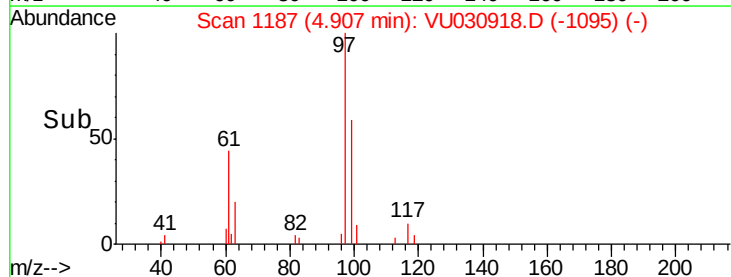
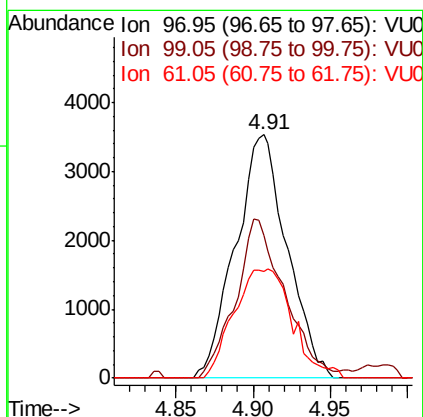
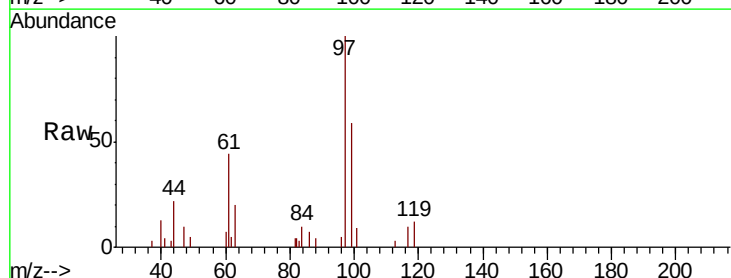
Instrument :
MSVOA_U
ClientSampleId :
BEZA7

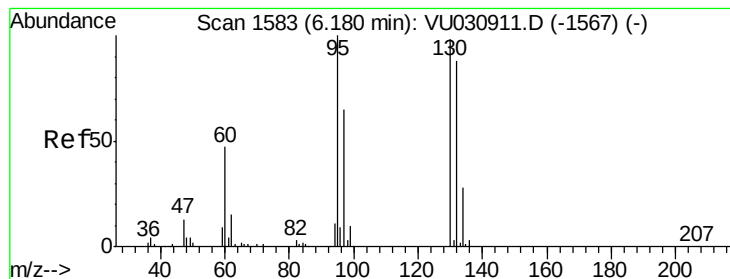
Tot Ion: 83 Resp: 25216
Ion Ratio Lower Upper
83 100
85 58.5 44.2 82.2



#29
1,1,1-Trichloroethane
Concen: 0.242 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU030918.D
Acq: 08 Apr 2019 20:32

Tgt Ion: 97 Resp: 8212
Ion Ratio Lower Upper
97 100
99 62.2 51.8 77.6
61 50.5 38.1 57.1





#34

Trichloroethene

Concen: 0.186 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030918.D

Acq: 08 Apr 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

BEZA7

Tot Ion: 95 Resp: 4186

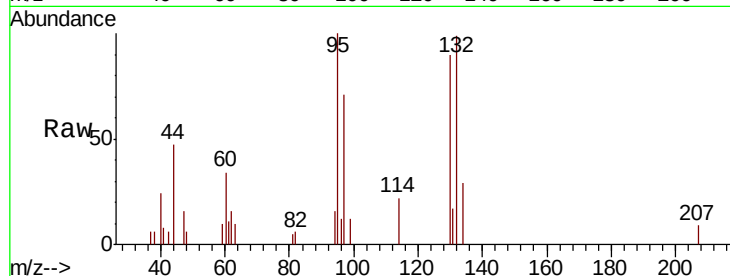
Ion Ratio Lower Upper

95 100

97 71.3 43.5 80.9

132 99.5 60.7 112.7

130 90.3 65.1 120.9

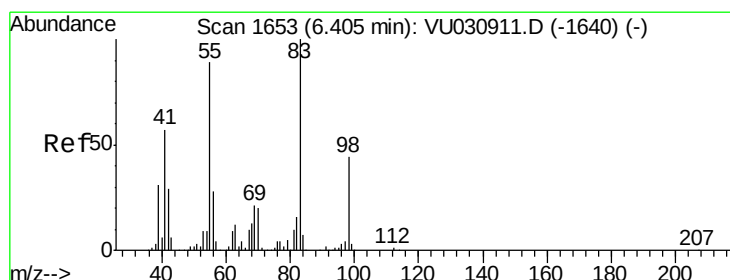
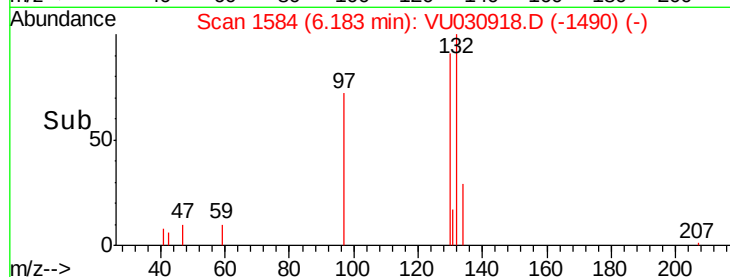
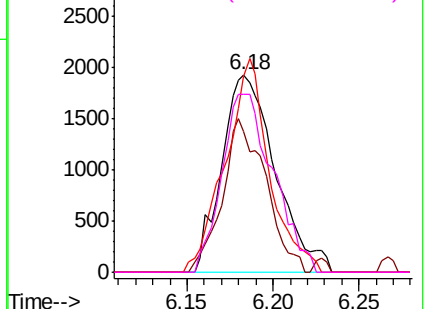


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030918.D

Acq: 08 Apr 2019 20:32

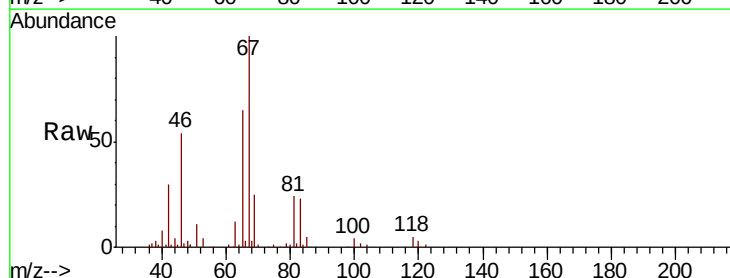
Tgt Ion: 83 Resp: 27699

Ion Ratio Lower Upper

83 100

55 0.7 72.6 108.8#

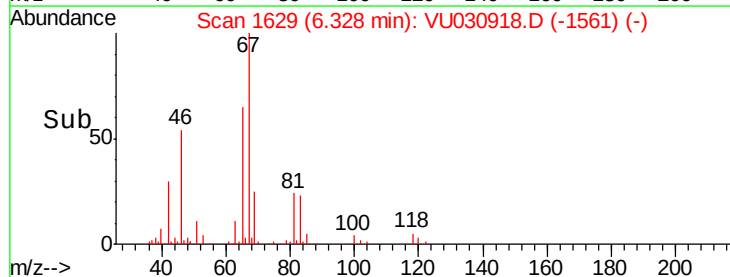
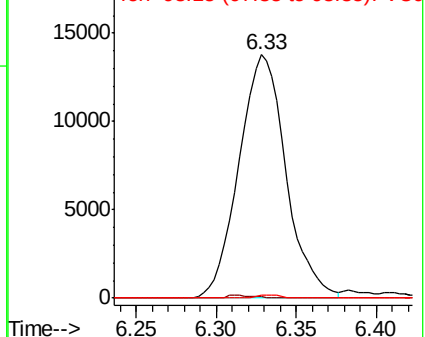
98 0.6 35.0 52.6#

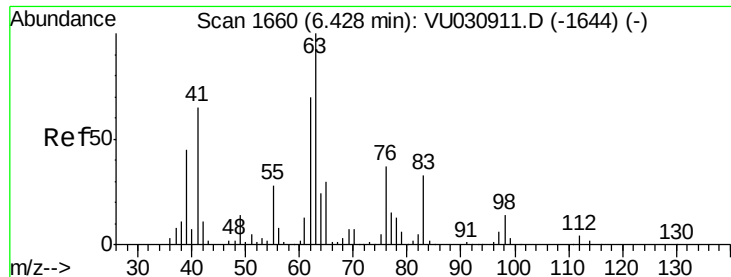


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

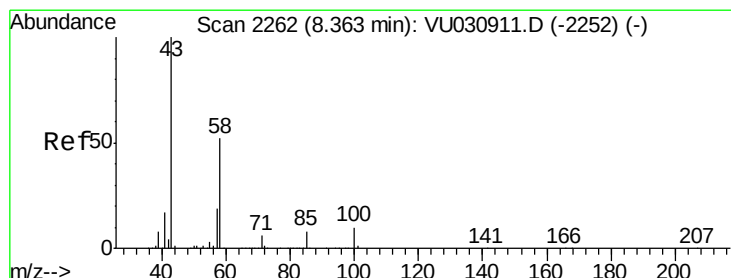
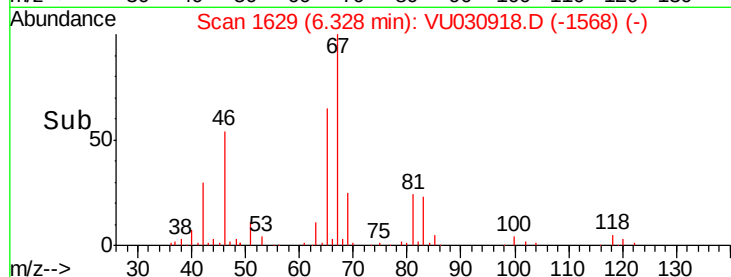
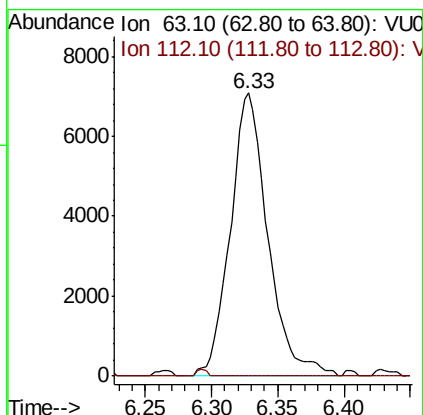
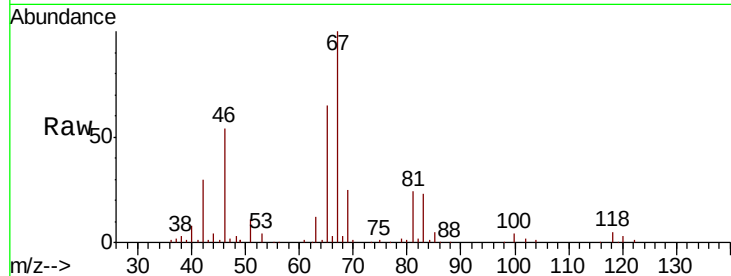




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030918.D
 Acq: 08 Apr 2019 20:32

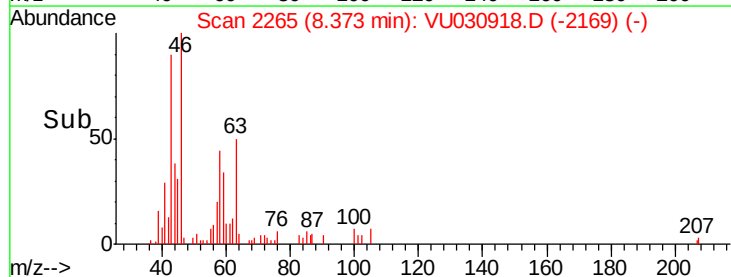
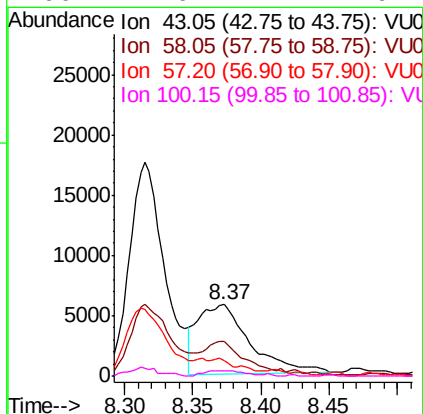
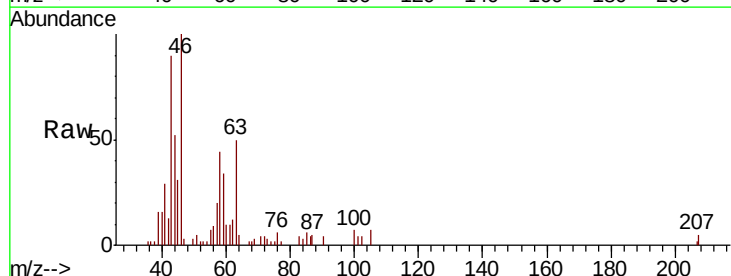
Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA7

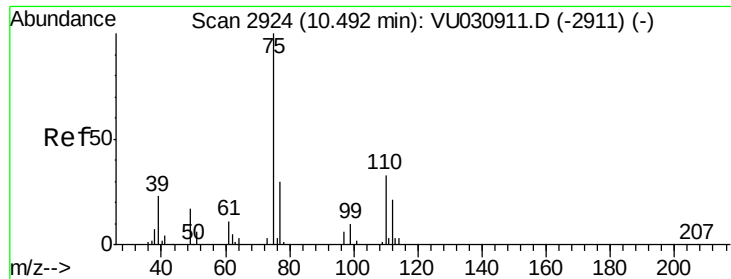
Tot Ion: 63 Resp: 13947
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.447 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU030918.D
 Acq: 08 Apr 2019 20:32

Tgt Ion: 43 Resp: 15496
 Ion Ratio Lower Upper
 43 100
 58 29.7 42.5 63.7#
 57 7.9 13.9 20.9#
 100 2.6 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 1.007 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030918.D

Acq: 08 Apr 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

BEZA7

Tot Ion: 75 Resp: 13939

Ion Ratio Lower Upper

75 100

77 35.9 25.6 38.4

