

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030990.D
 Acq On : 10 Apr 2019 05:32
 Operator : JC/SP
 Sample : K2290-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZH3

Quant Time: Apr 10 05:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 05:50:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	215207	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62066	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.68	69	62949	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.27	63	94556	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.19	46	258688	61.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.10%
24) Chloroform-d	4.64	84	117756	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	78748	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.33	84	234002	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.33	67	87697	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.56	98	177087	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	7.85	79	26530	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.31	63	152347	48.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.72%
57) 1,1,1,2,2-Tetrachloroethane-	10.43	84	77589	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	68567	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

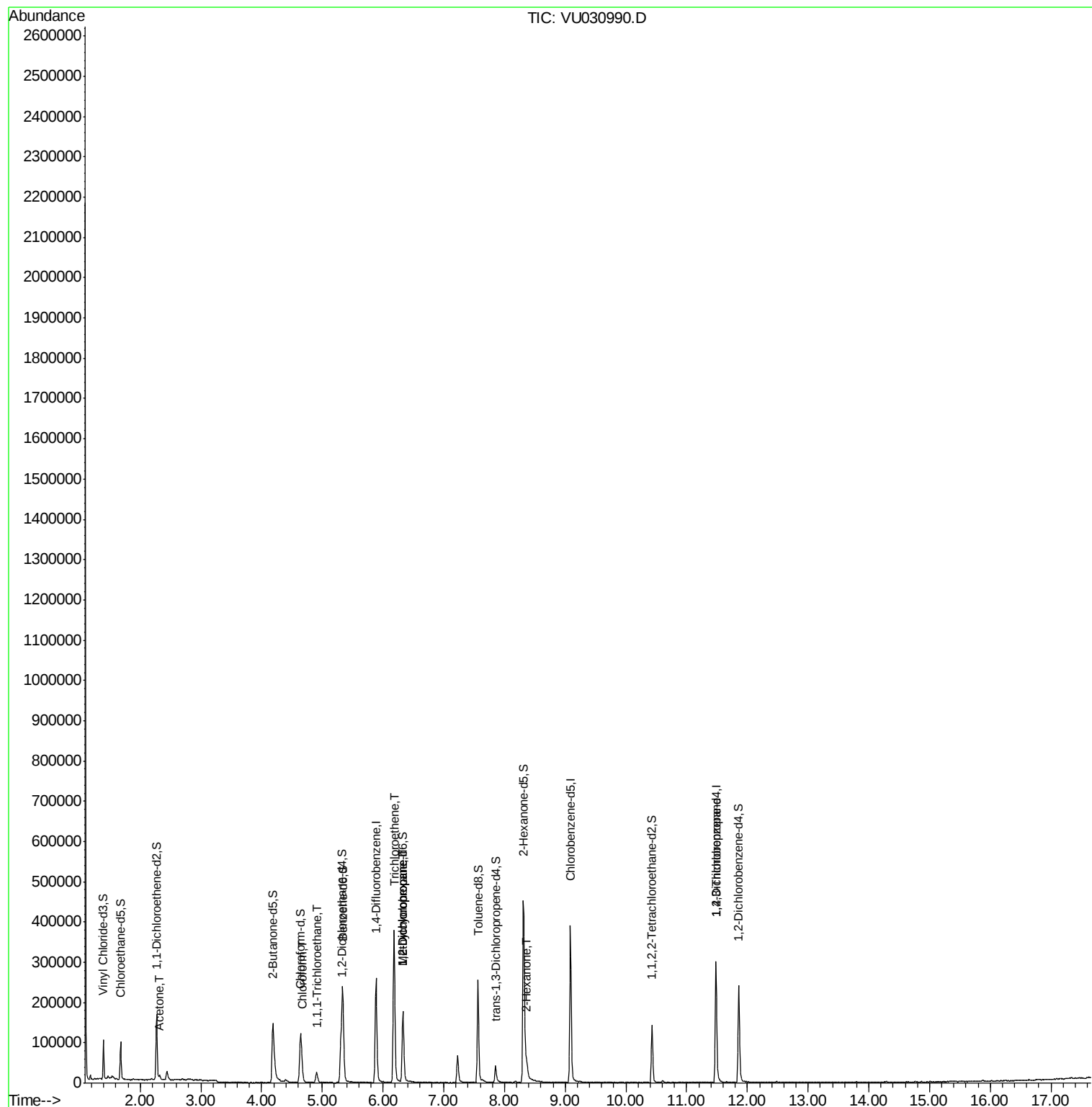
					Ovalue
13) Acetone	2.32	43	12190	3.721	ug/L 97
25) Chloroform	4.67	83	18430	0.577	ug/L 95
29) 1,1,1-Trichloroethane	4.91	97	18961	0.674	ug/L 98
34) Trichloroethene	6.18	95	139051	7.435	ug/L 97
35) Methylcyclohexane	6.33	83	19669	0.659	ug/L # 14
37) 1,2-Dichloropropane	6.32	63	9291	0.452	ug/L # 90
48) 2-Hexanone	8.37	43	17484	1.967	ug/L # 93
59) 1,2,3-Trichloropropane	11.48	75	10217	0.889	ug/L 94

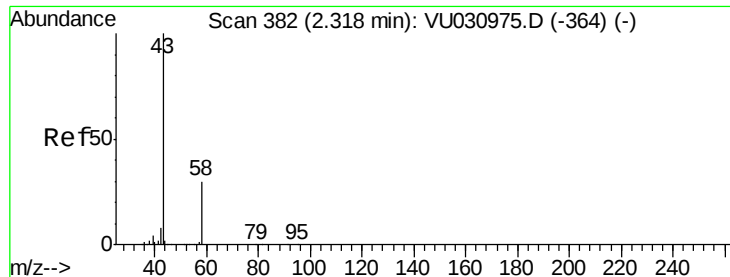
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.721 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030990.D

Acq: 10 Apr 2019 05:32

Instrument :

MSVOA_U

ClientSampleId :

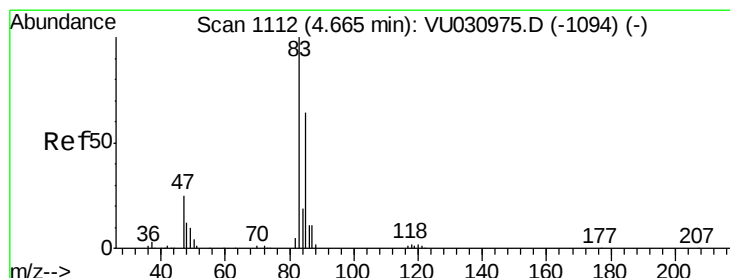
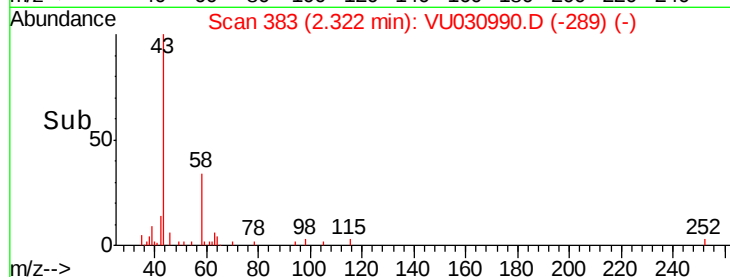
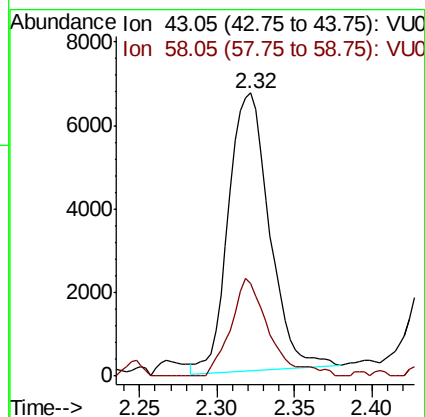
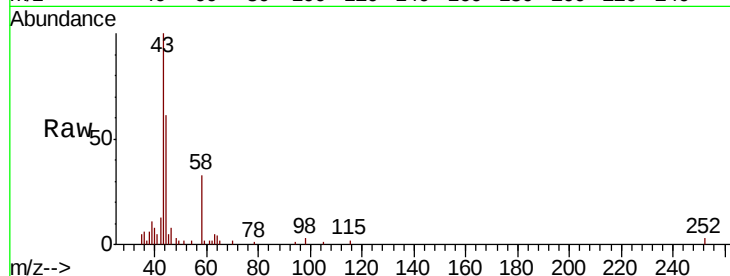
BEZH3

Tot Ion: 43 Resp: 12190

Ion Ratio Lower Upper

43 100

58 32.9 0.0 62.8



#25

Chloroform

Concen: 0.577 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030990.D

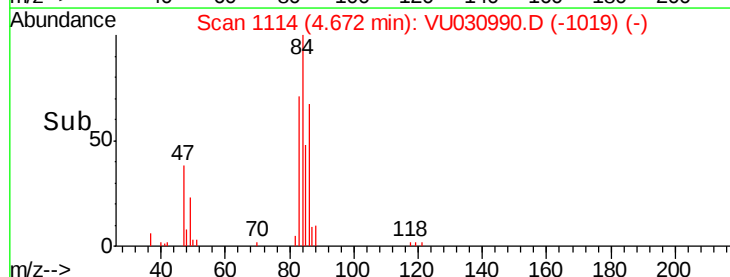
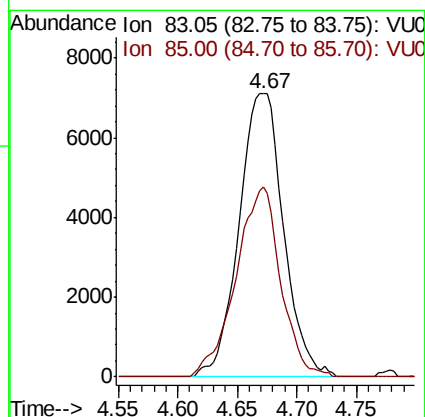
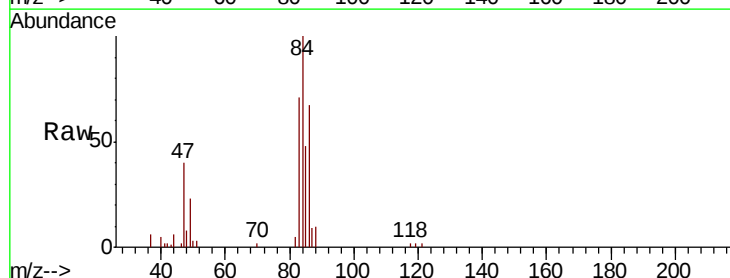
Acq: 10 Apr 2019 05:32

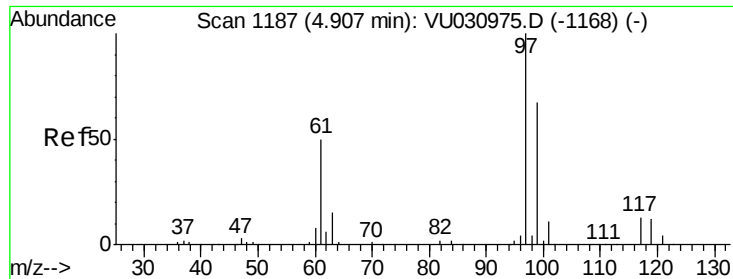
Tgt Ion: 83 Resp: 18430

Ion Ratio Lower Upper

83 100

85 67.1 44.2 82.2

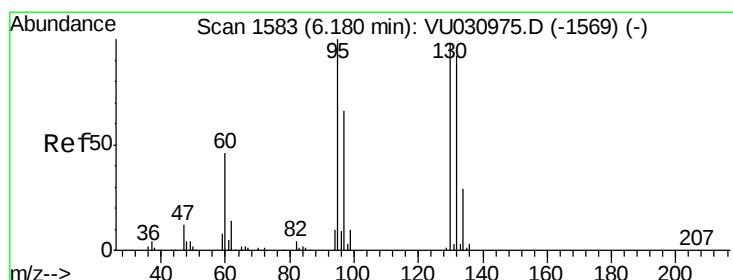
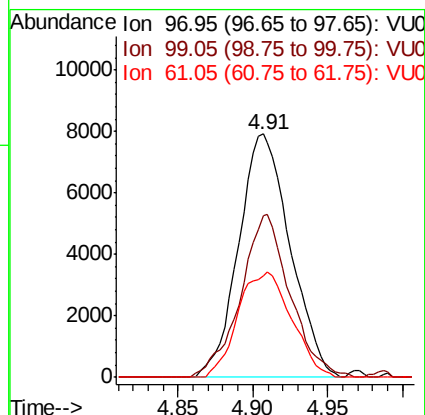
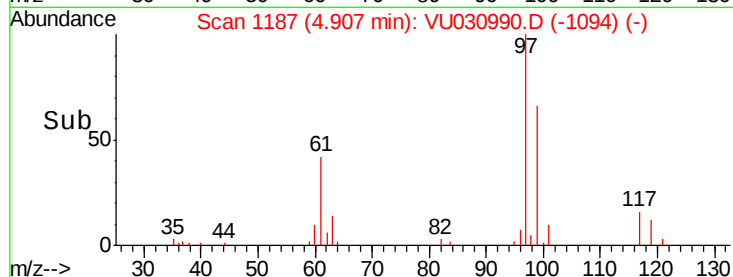
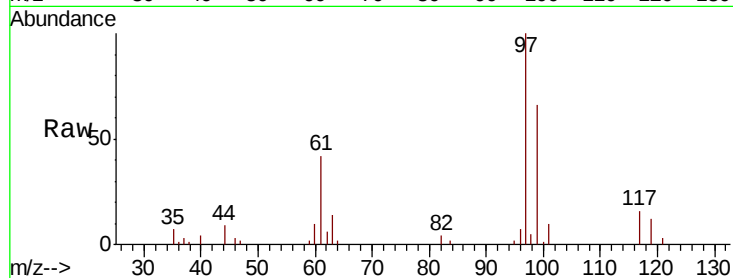




#29
1,1,1-Trichloroethane
Concen: 0.674 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU030990.D
Acq: 10 Apr 2019 05:32

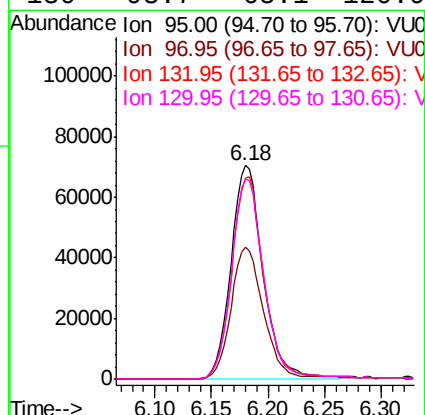
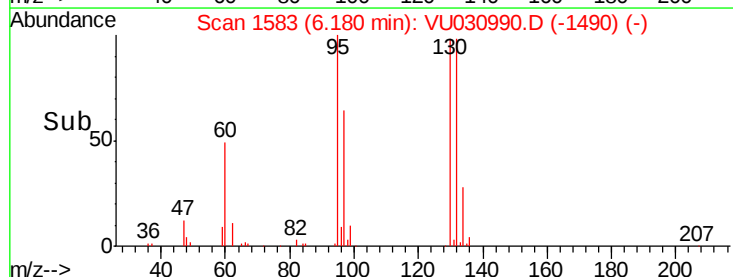
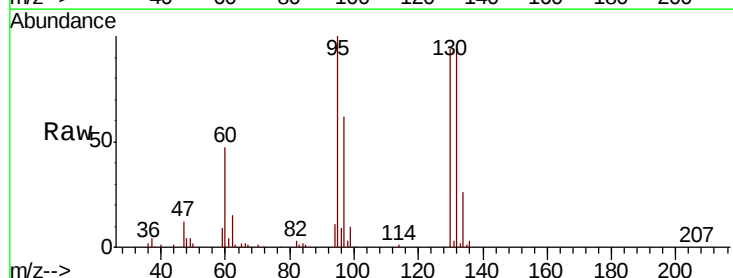
Instrument :
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ClientSampleID :
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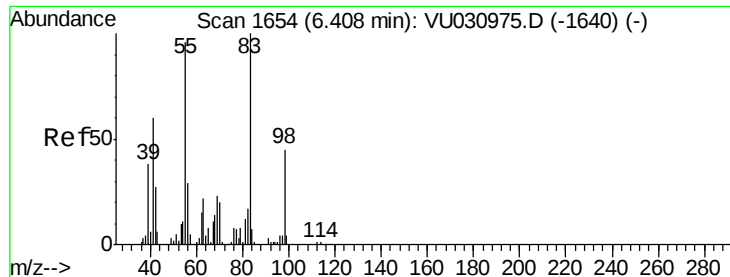
Tot Ion: 97 Resp: 18961
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 44.8 38.1 57.1



#34
Trichloroethene
Concen: 7.435 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU030990.D
Acq: 10 Apr 2019 05:32

Tgt Ion: 95 Resp: 139051
Ion Ratio Lower Upper
95 100
97 61.8 43.5 80.9
132 93.8 60.7 112.7
130 93.7 65.1 120.9





#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU030990.D

Acq: 10 Apr 2019 05:32

Instrument :

MSVOA_U

ClientSampleId :

BEZH3

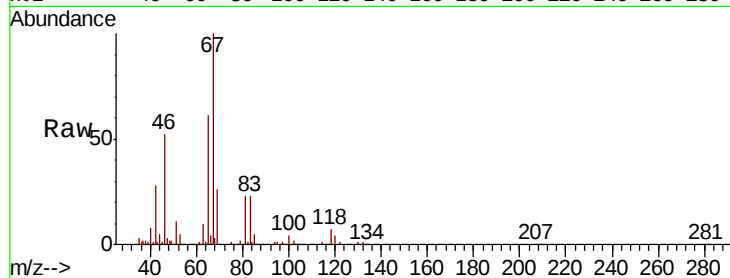
Tot Ion: 83 Resp: 19669

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

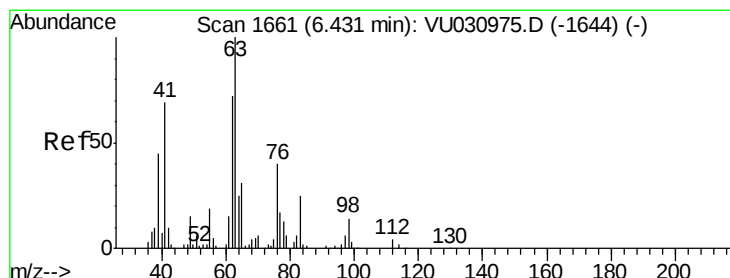
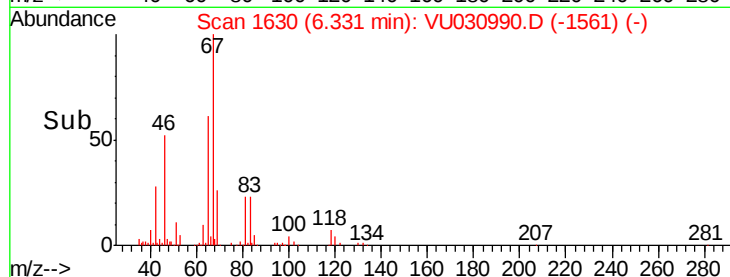
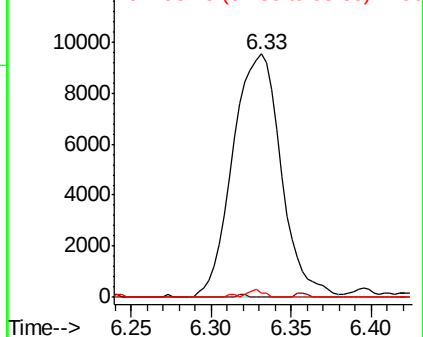
98 1.0 35.0 52.6#



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: 0.452 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030990.D

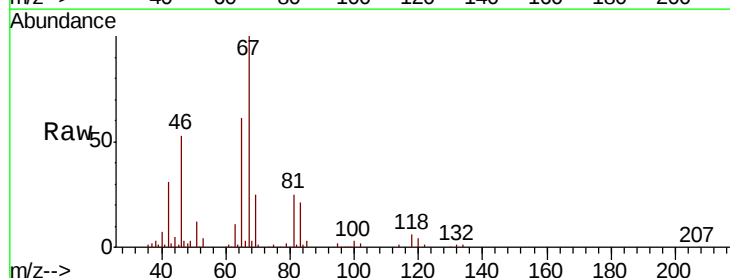
Acq: 10 Apr 2019 05:32

Tgt Ion: 63 Resp: 9291

Ion Ratio Lower Upper

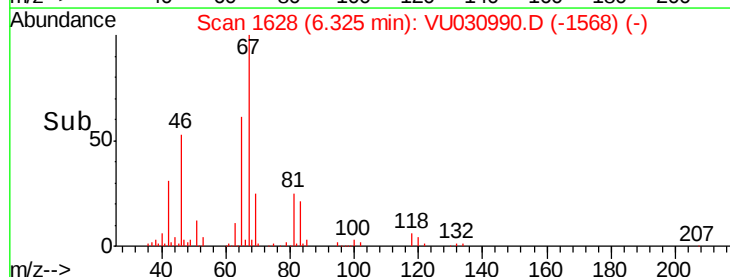
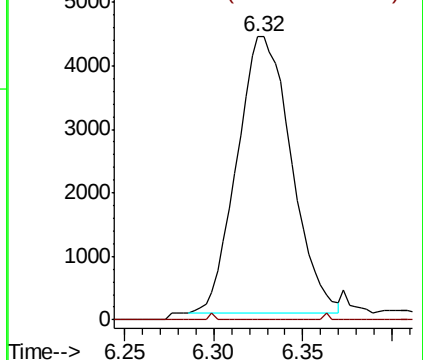
63 100

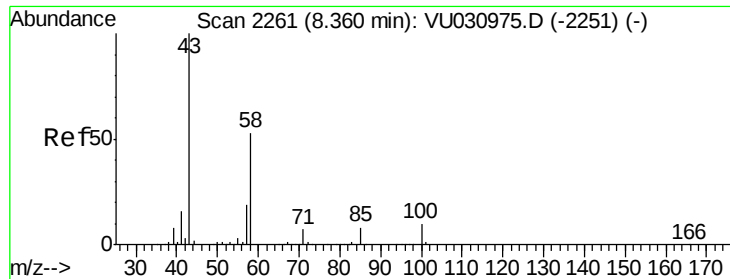
112 0.2 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

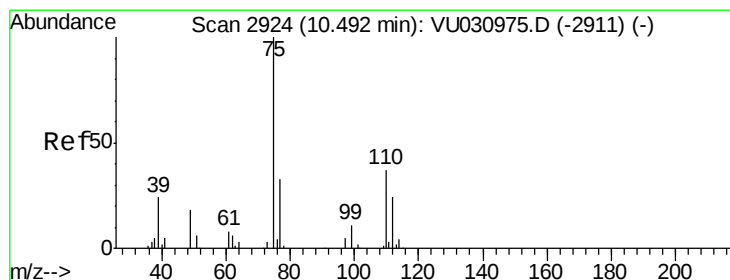
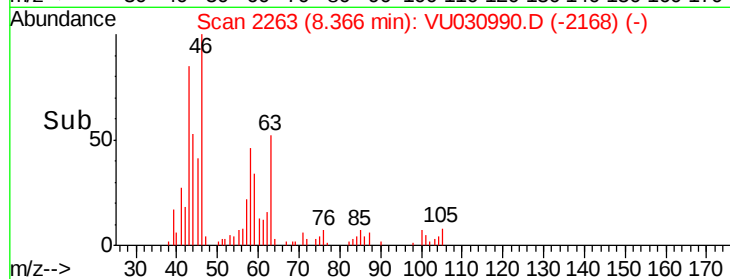
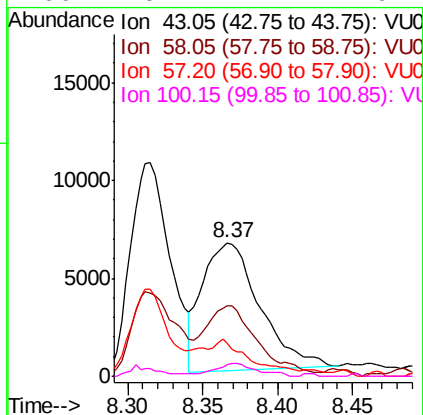
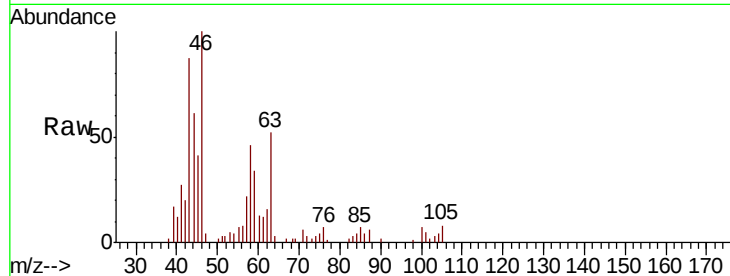




#48
 2-Hexanone
 Concen: 1.967 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030990.D
 Acq: 10 Apr 2019 05:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZH3

Tot Ion: 43 Resp: 17484
 Ion Ratio Lower Upper
 43 100
 58 48.2 42.5 63.7
 57 14.3 13.9 20.9
 100 6.7 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.889 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030990.D
 Acq: 10 Apr 2019 05:32

Tgt Ion: 75 Resp: 10217
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.6 38.4

