

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030876.D
 Acq On : 07 Apr 2019 23:24
 Operator : JC/SP
 Sample : K2284-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA7

Quant Time: Apr 08 04:44:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 04:40:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	231226	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	239913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94485	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115309	6.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.40%#
7) Chloroethane-d5	1.68	69	92012	6.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.20%
11) 1,1-Dichloroethene-d2	2.27	63	165251	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.19	46	310772	68.26	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.52%#
24) Chloroform-d	4.64	84	165148	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.31	65	106091	6.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.40%#
32) Benzene-d6	5.33	84	351692	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.33	67	123231	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.56	98	289856	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.85	79	40202	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.31	63	189679	55.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95829	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	100886	6.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.60%#

Target Compounds

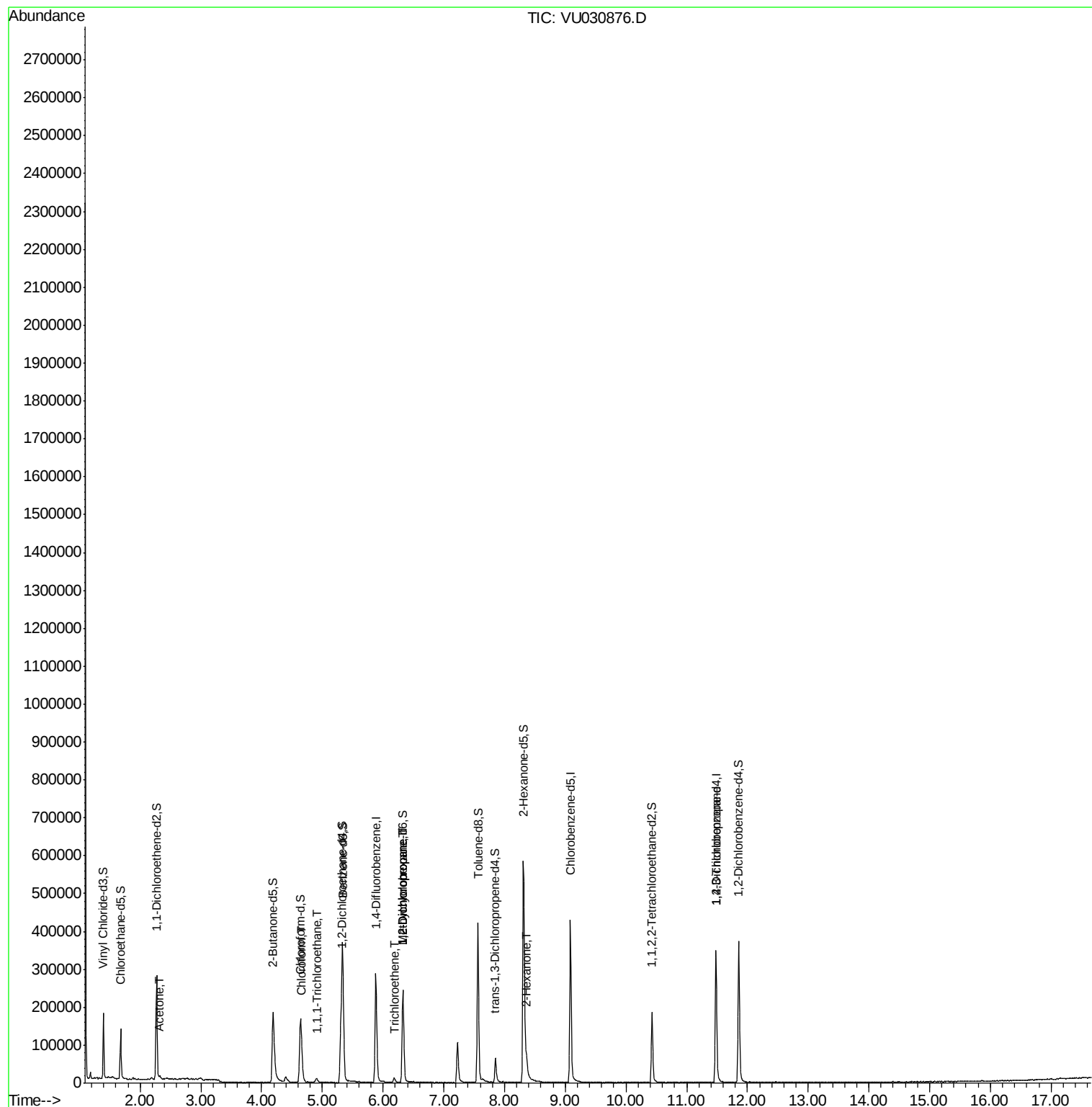
					Qvalue
13) Acetone	2.32	43	5429	1.542 ug/L	90
25) Chloroform	4.67	83	26324	0.766 ug/L	81
29) 1,1,1-Trichloroethane	4.91	97	8263	0.270 ug/L #	78
34) Trichloroethene	6.18	95	4222	0.208 ug/L	93
35) Methylcyclohexane	6.33	83	27789	0.857 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13449	0.602 ug/L #	91
48) 2-Hexanone	8.37	43	22090	2.288 ug/L #	96
59) 1,2,3-Trichloropropane	11.49	75	12014	0.963 ug/L #	73

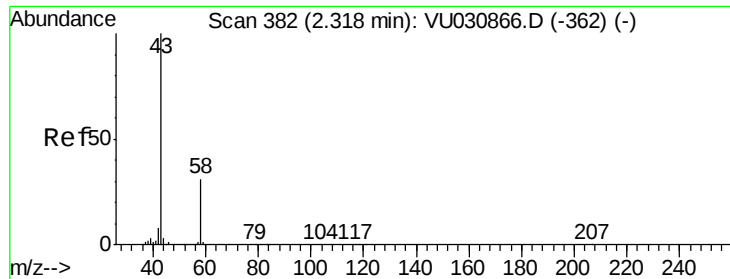
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.542 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.04 min

Lab File: VU030876.D

Acq: 07 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

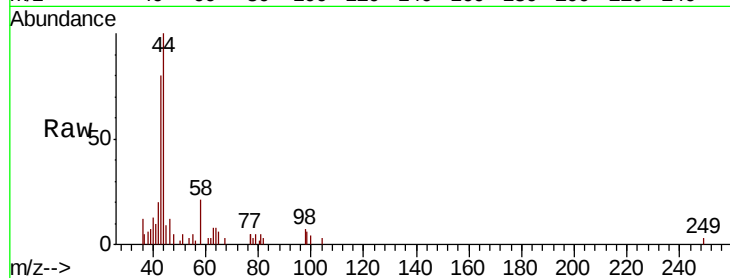
BEZA7

Tgt Ion: 43 Resp: 5429

Ion Ratio Lower Upper

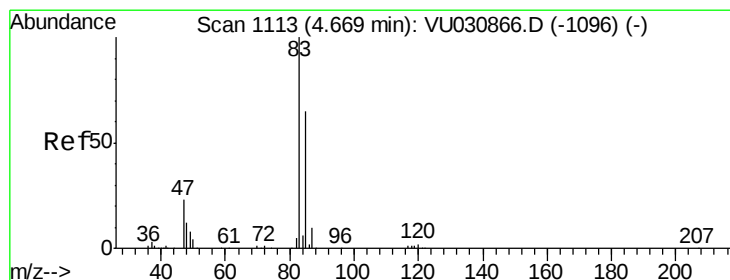
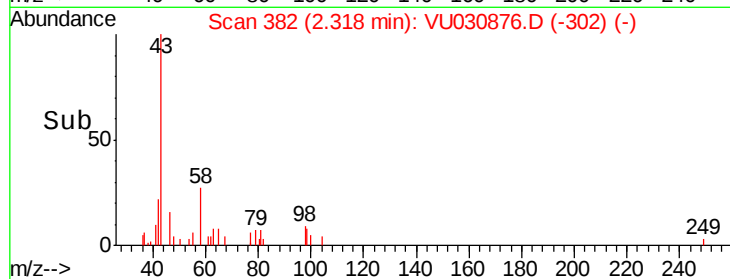
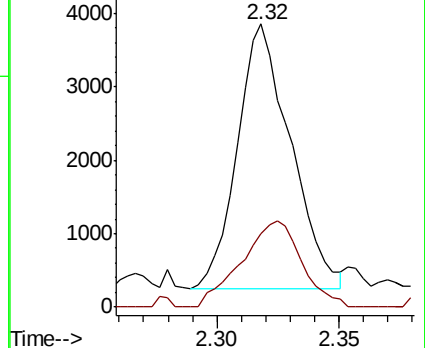
43 100

58 37.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.766 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030876.D

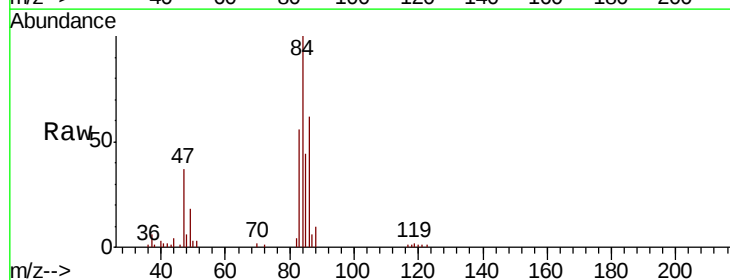
Acq: 07 Apr 2019 23:24

Tgt Ion: 83 Resp: 26324

Ion Ratio Lower Upper

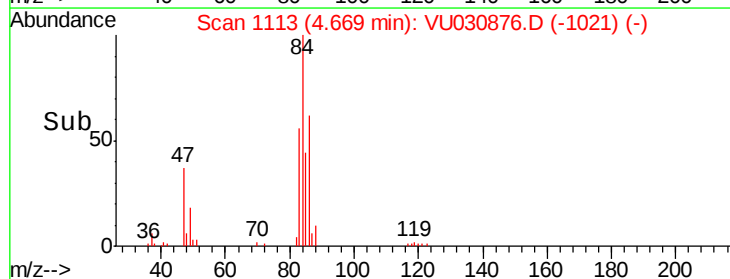
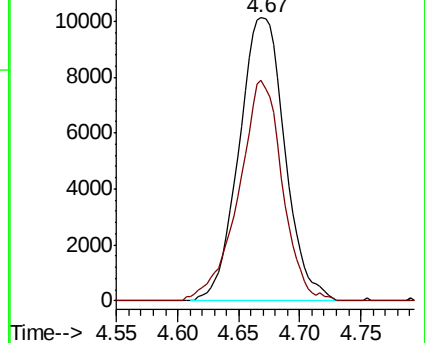
83 100

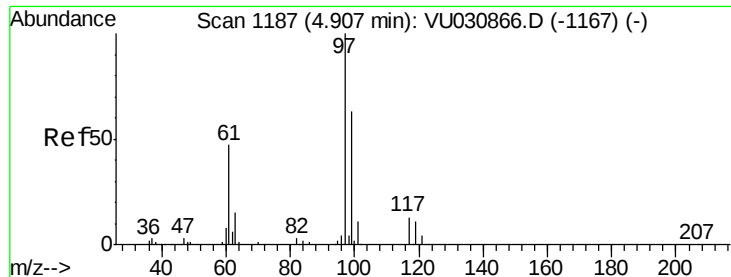
85 77.9 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

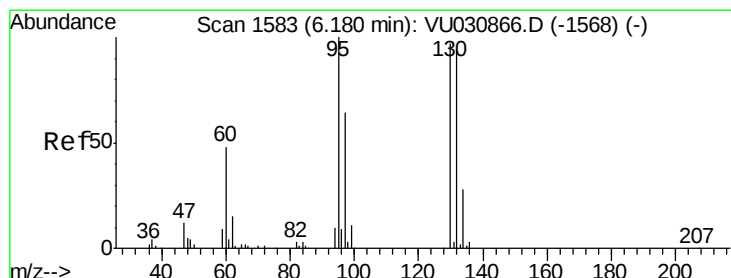
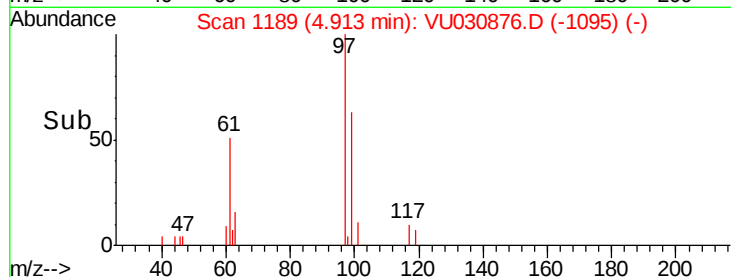
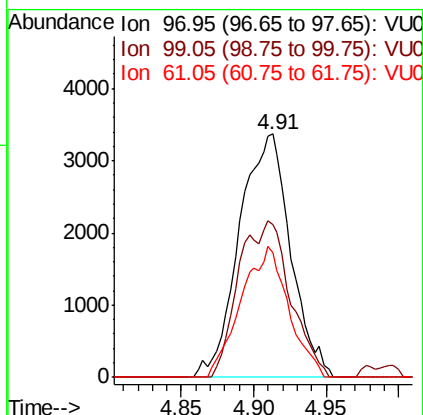
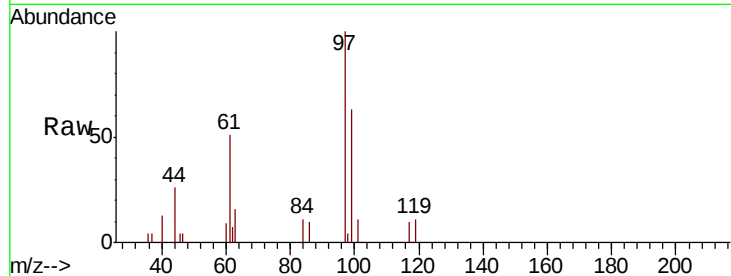




#29
 1,1,1-Trichloroethane
 Concen: 0.270 ug/L
 RT: 4.91 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VU030876.D
 Acq: 07 Apr 2019 23:24

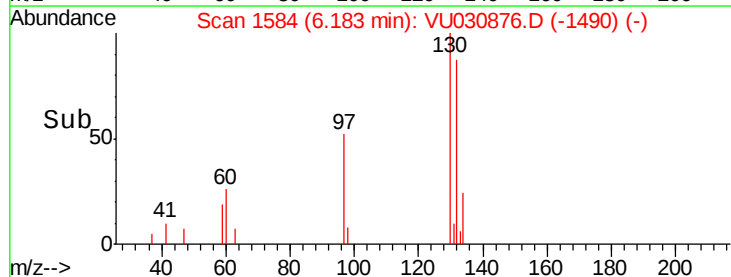
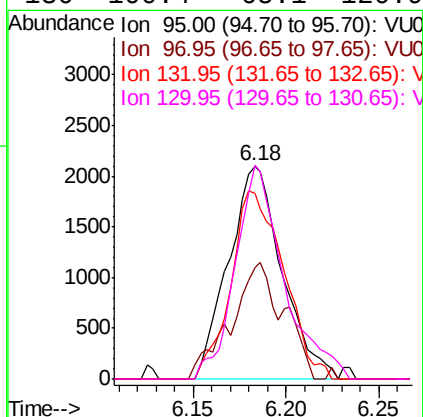
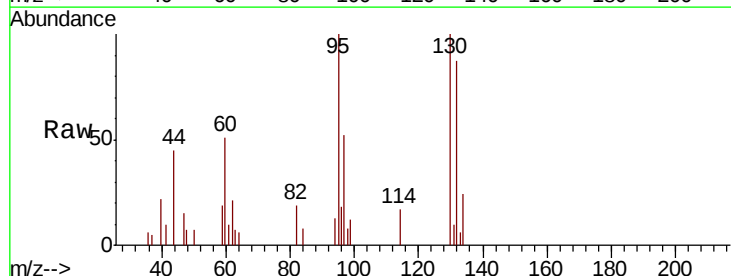
Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA7

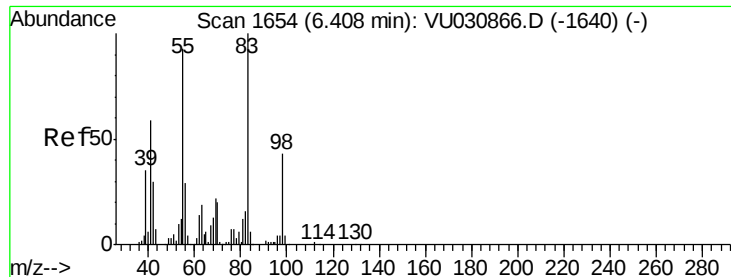
Tgt Ion: 97 Resp: 8263
 Ion Ratio Lower Upper
 97 100
 99 36.5 51.8 77.6#
 61 50.0 38.1 57.1



#34
 Trichloroethene
 Concen: 0.208 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030876.D
 Acq: 07 Apr 2019 23:24

Tgt Ion: 95 Resp: 4222
 Ion Ratio Lower Upper
 95 100
 97 52.1 43.5 80.9
 132 87.5 60.7 112.7
 130 100.4 65.1 120.9





#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030876.D

Acq: 07 Apr 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

BEZA7

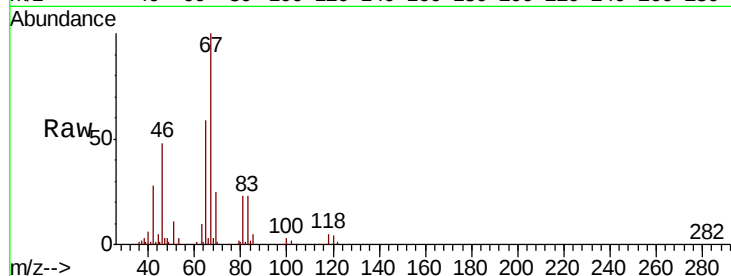
Tgt Ion: 83 Resp: 27789

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

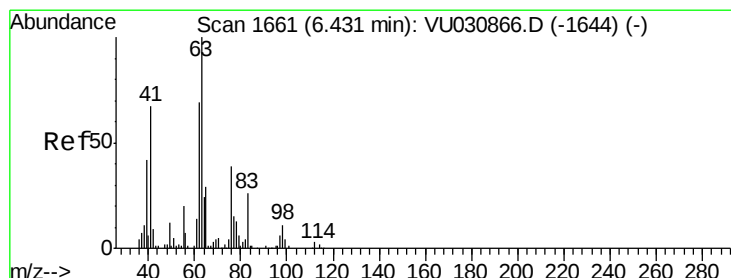
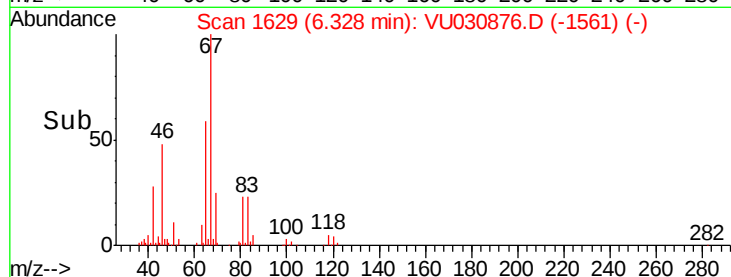
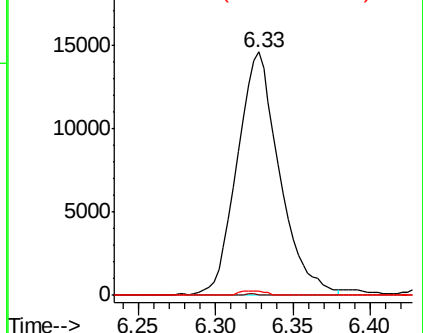
98 1.1 35.0 52.6#



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: 0.602 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030876.D

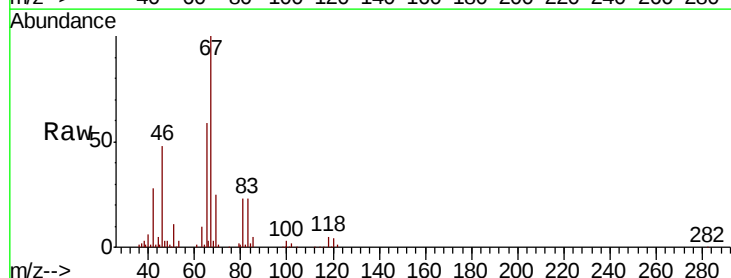
Acq: 07 Apr 2019 23:24

Tgt Ion: 63 Resp: 13449

Ion Ratio Lower Upper

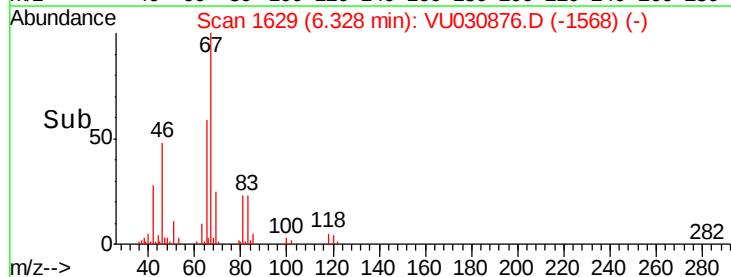
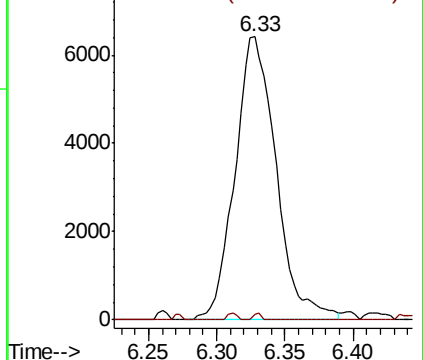
63 100

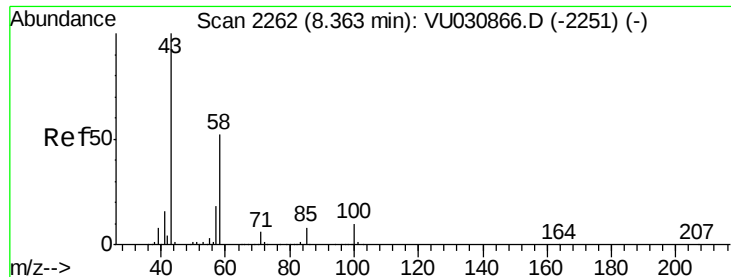
112 0.4 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

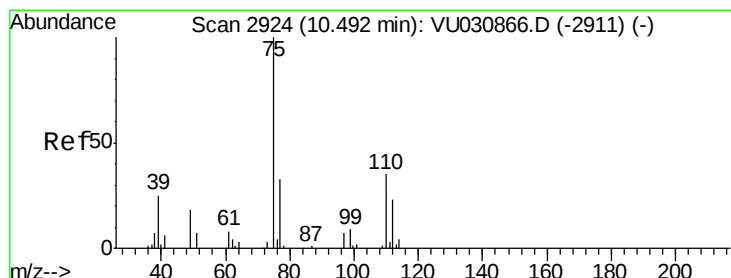
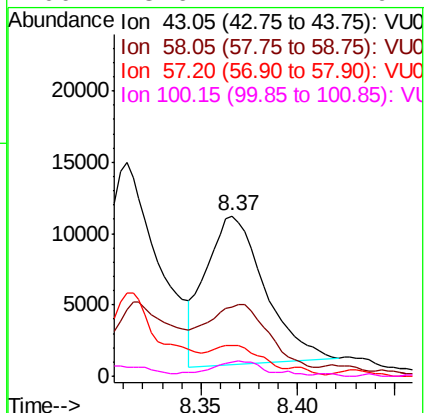
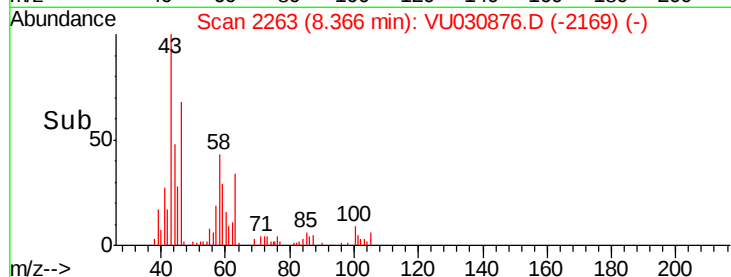
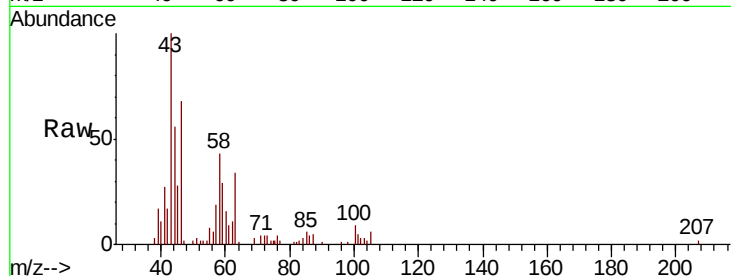




#48
 2-Hexanone
 Concen: 2.288 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030876.D
 Acq: 07 Apr 2019 23:24

Instrument :
 MSVOA_U
 ClientSampleID :
 BEZA7

Tgt Ion: 43 Resp: 22090
 Ion Ratio Lower Upper
 43 100
 58 54.9 42.5 63.7
 57 13.5 13.9 20.9#
 100 8.6 7.1 10.7



#59
 1,2,3-Trichloropropane
 Concen: 0.963 ug/L
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.99 min
 Lab File: VU030876.D
 Acq: 07 Apr 2019 23:24

Tgt Ion: 75 Resp: 12014
 Ion Ratio Lower Upper
 75 100
 77 46.8 25.6 38.4#

