

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030877.D
 Acq On : 07 Apr 2019 23:48
 Operator : JC/SP
 Sample : K2284-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA8

Quant Time: Apr 08 04:44:39 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	240918	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	243441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109732	5.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.20%
7) Chloroethane-d5	1.68	69	92540	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.60%
11) 1,1-Dichloroethene-d2	2.27	63	163239	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.19	46	308607	65.05	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.10%#
24) Chloroform-d	4.64	84	164488	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	107041	6.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.20%
32) Benzene-d6	5.33	84	364614	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.33	67	124848	5.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.00%
41) Toluene-d8	7.56	98	285211	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.85	79	39150	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.31	63	191132	55.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96206	6.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	100116	6.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.00%#

Target Compounds

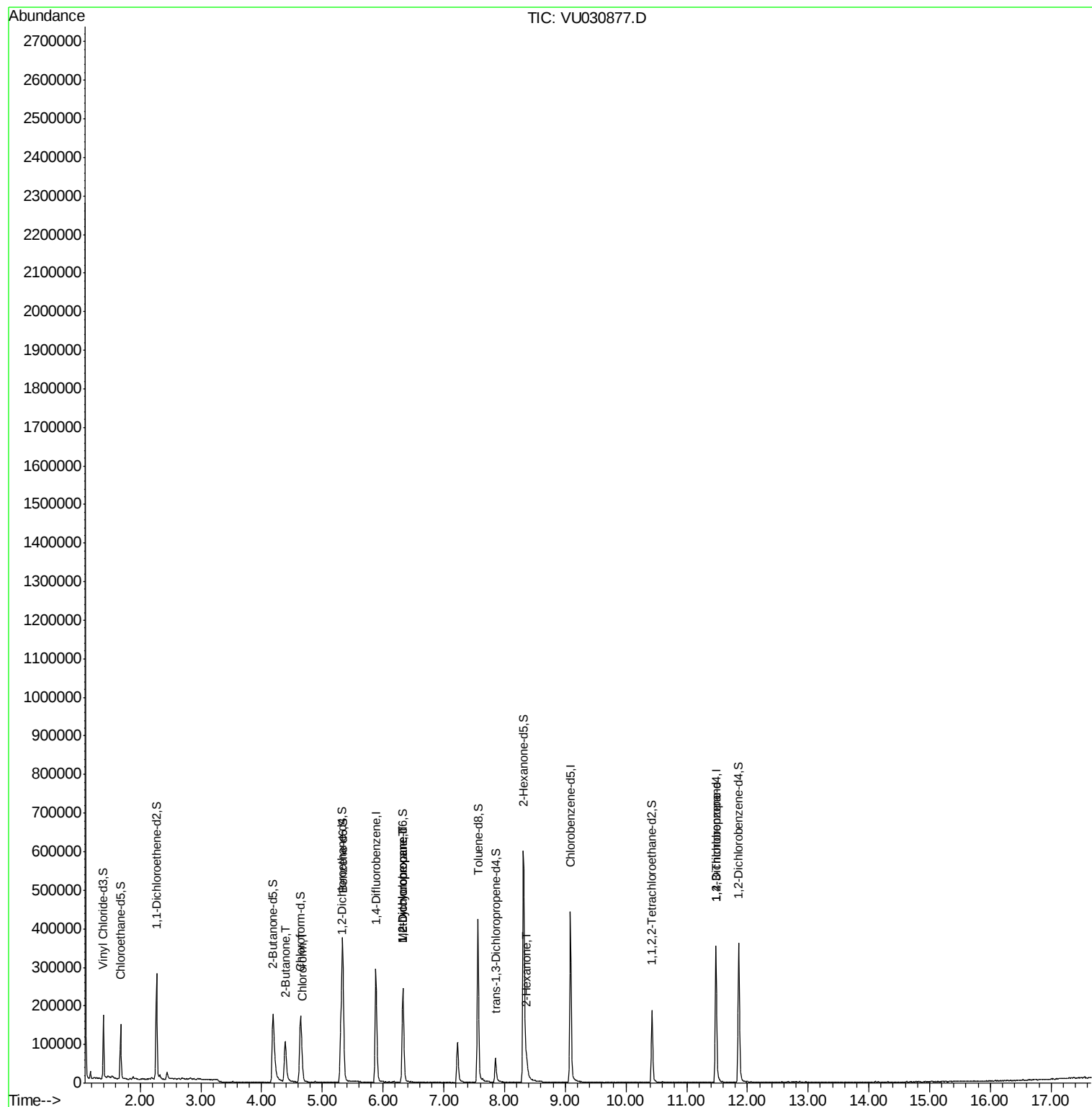
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) 2-Butanone	4.39	43	162147	27.895	ug/L #	54
25) Chloroform	4.67	83	26145	0.731	ug/L	95
35) Methylcyclohexane	6.33	83	25808	0.784	ug/L #	14
37) 1,2-Dichloropropane	6.32	63	13849	0.611	ug/L #	91
48) 2-Hexanone	8.37	43	25047	2.557	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	12672	1.001	ug/L	93

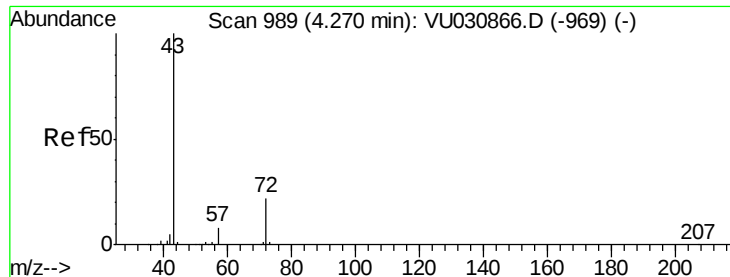
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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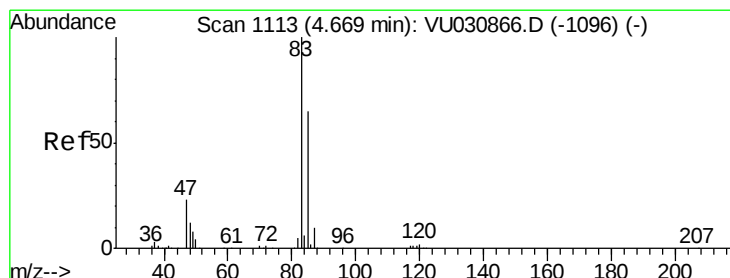
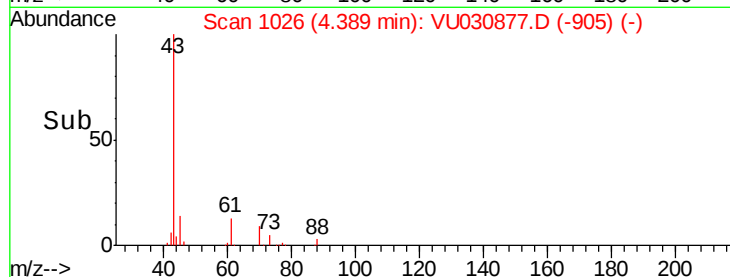
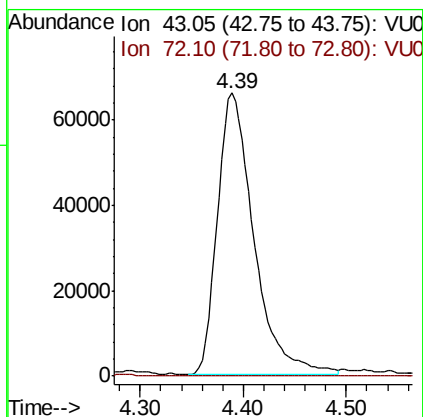
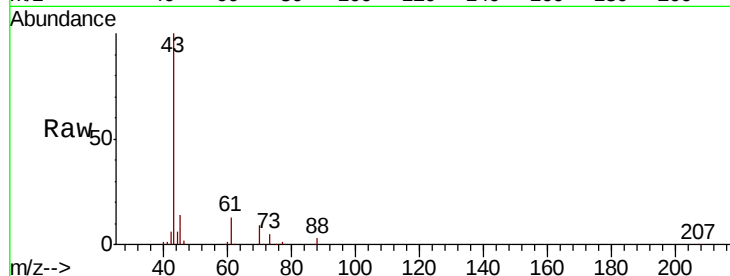




#21
2-Butanone
Concen: 27.895 ug/L
RT: 4.39 min Scan# 1026
Delta R.T. 0.09 min
Lab File: VU030877.D
Acq: 07 Apr 2019 23:48

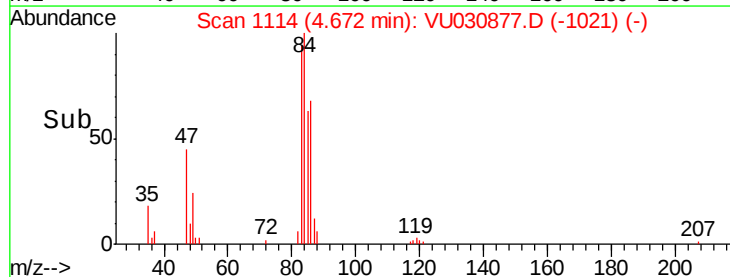
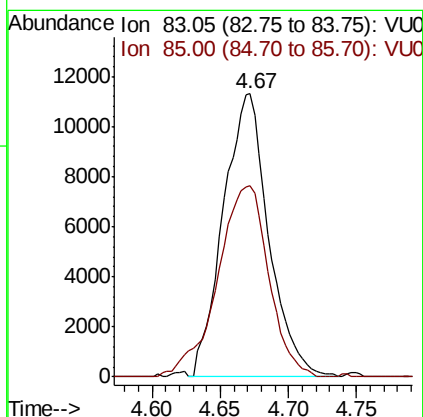
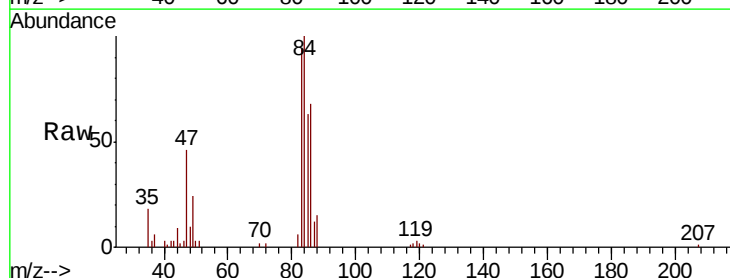
Instrument :
MSVOA_U
ClientSampleId :
BEZA8

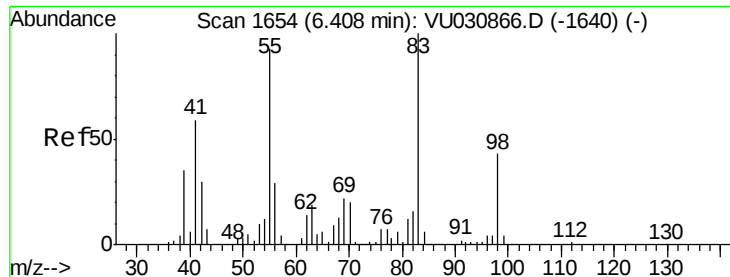
Tgt Ion: 43 Resp: 162147
Ion Ratio Lower Upper
43 100
72 0.1 11.2 33.5#



#25
Chloroform
Concen: 0.731 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU030877.D
Acq: 07 Apr 2019 23:48

Tgt Ion: 83 Resp: 26145
Ion Ratio Lower Upper
83 100
85 67.4 44.2 82.2





#35

Methylcyclohexane

Concen: 0.784 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030877.D

Acq: 07 Apr 2019 23:48

Instrument :

MSVOA_U

ClientSampleId :

BEZA8

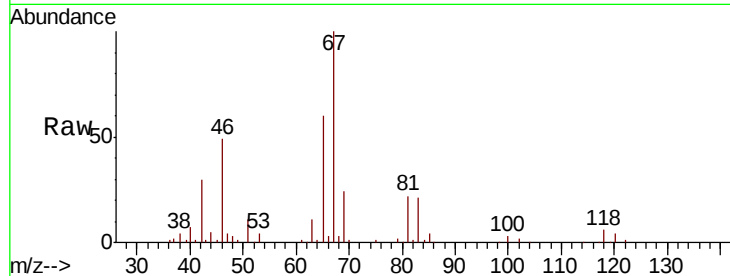
Tgt Ion: 83 Resp: 25808

Ion Ratio Lower Upper

83 100

55 0.1 72.6 108.8#

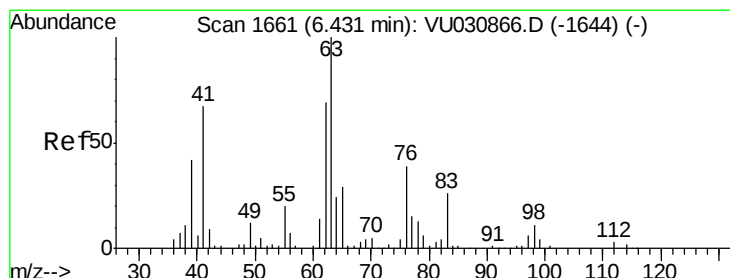
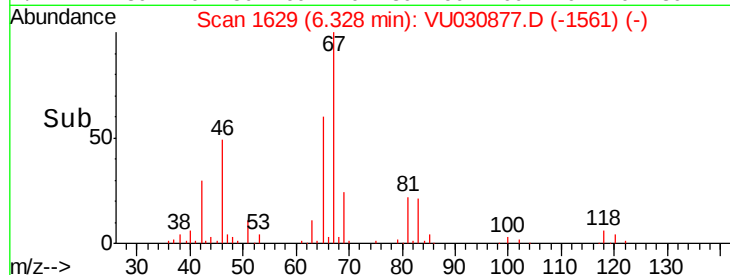
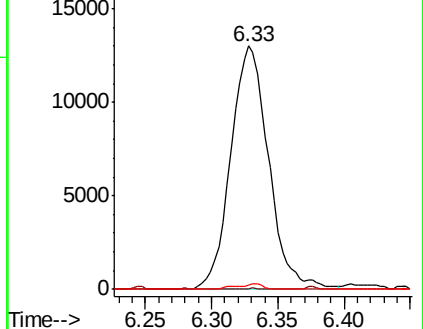
98 1.5 35.0 52.6#



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: 0.611 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030877.D

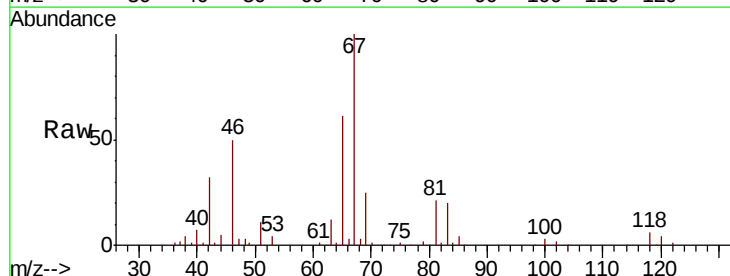
Acq: 07 Apr 2019 23:48

Tgt Ion: 63 Resp: 13849

Ion Ratio Lower Upper

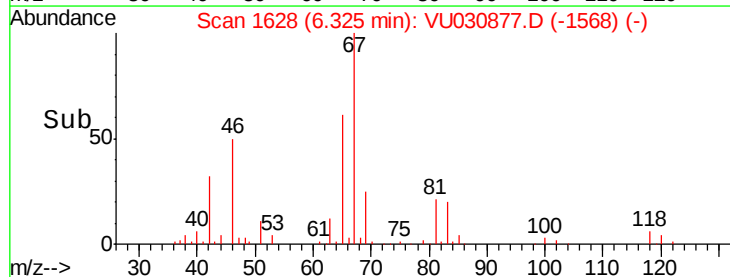
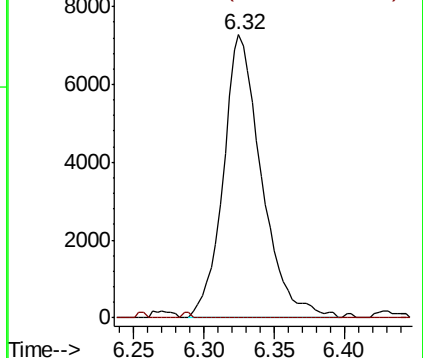
63 100

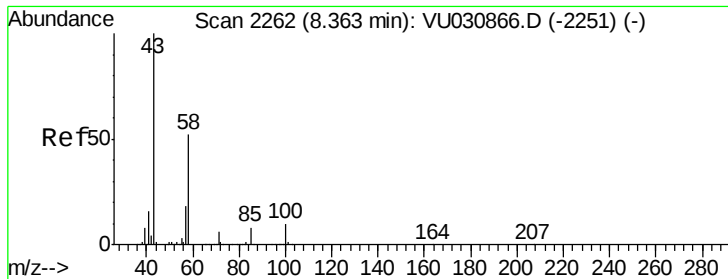
112 0.4 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

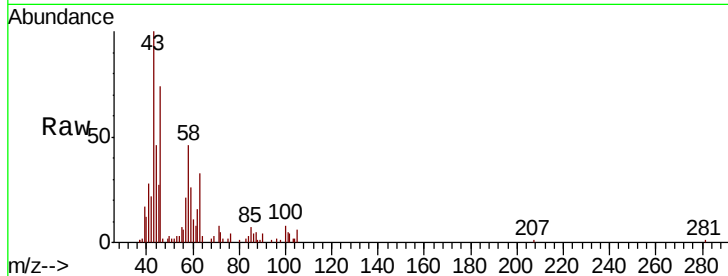




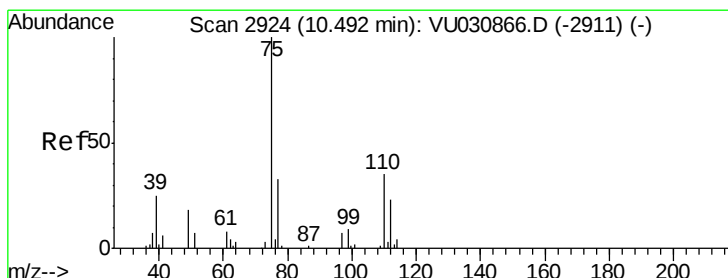
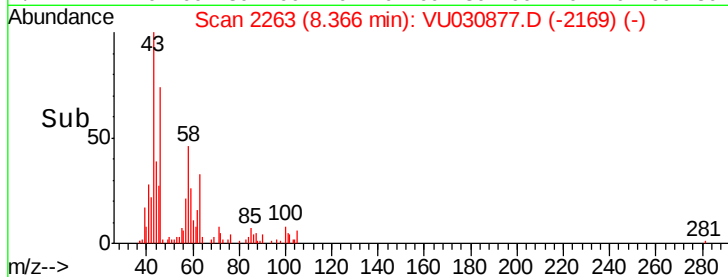
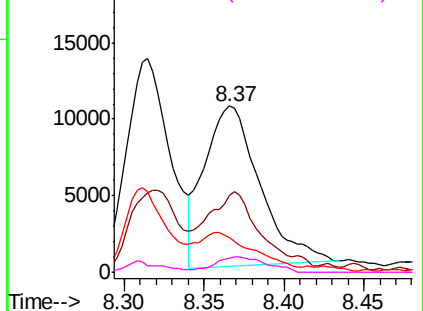
#48
 2-Hexanone
 Concen: 2.557 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030877.D
 Acq: 07 Apr 2019 23:48

Instrument :
 MSVOA_U
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Tgt Ion: 43 Resp: 25047
 Ion Ratio Lower Upper
 43 100
 58 49.8 42.5 63.7
 57 22.5 13.9 20.9#
 100 8.8 7.1 10.7

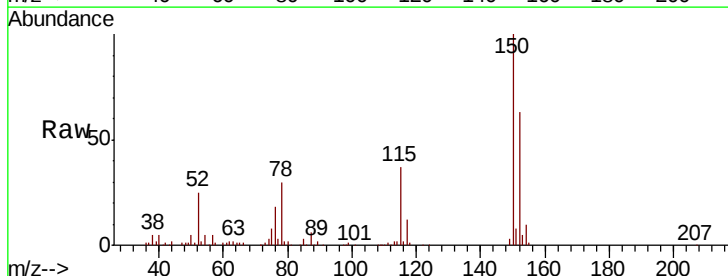


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.001 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030877.D
 Acq: 07 Apr 2019 23:48

Tgt Ion: 75 Resp: 12672
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

