

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030941.D
 Acq On : 09 Apr 2019 07:27
 Operator : JC/SP
 Sample : K2286-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE1

Quant Time: Apr 09 08:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 07:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90775	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.68	69	80808	5.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.60%
11) 1,1-Dichloroethene-d2	2.27	63	140041	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.19	46	279560	63.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.40%
24) Chloroform-d	4.64	84	154316	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.31	65	94055	6.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.80%
32) Benzene-d6	5.33	84	314238	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.33	67	108683	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	246748	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	33660	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.31	63	178556	54.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90392	6.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	89046	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

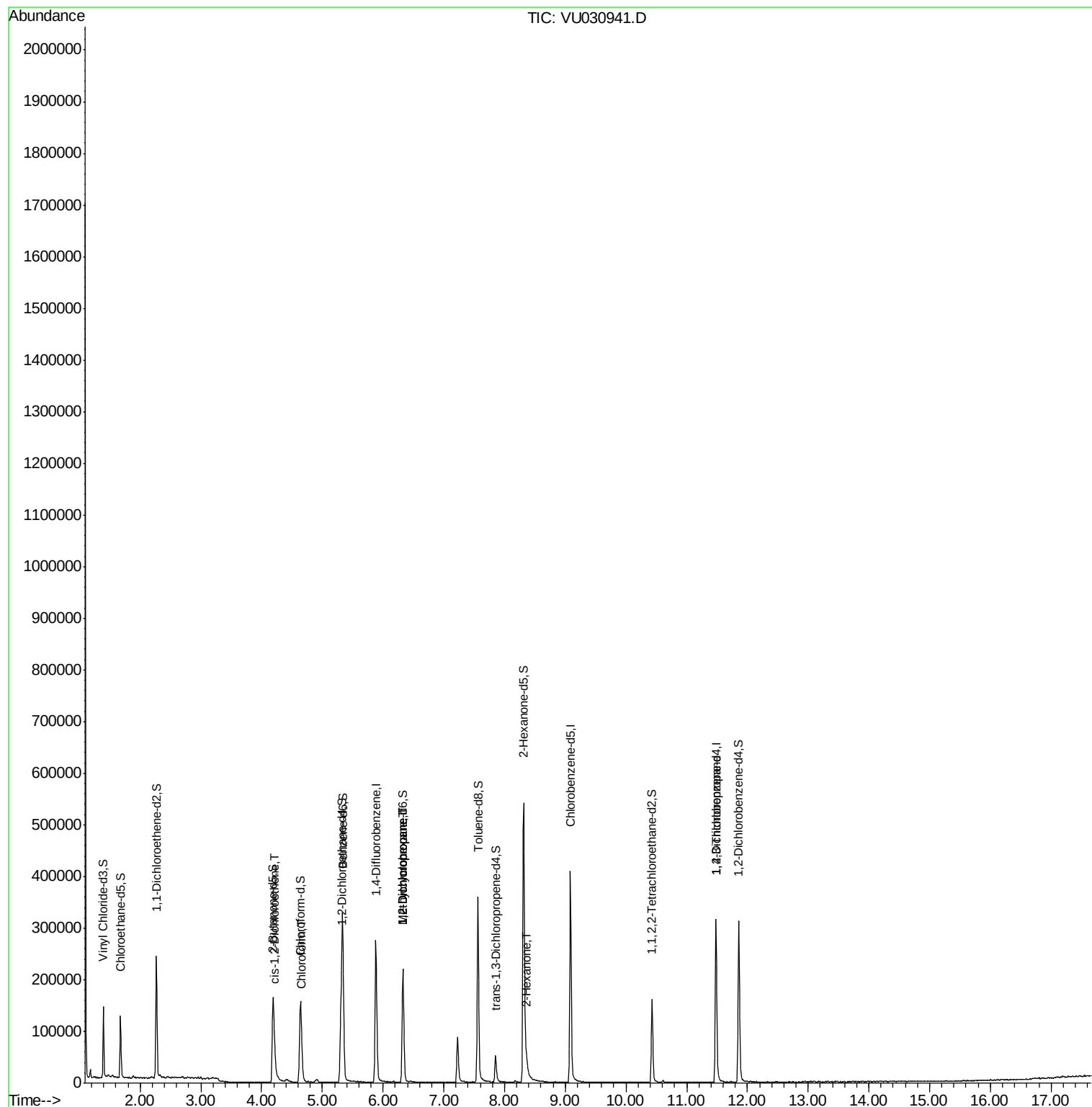
					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	3278	0.179 ug/L #	63
25) Chloroform	4.67	83	15880	0.480 ug/L	98
35) Methylcyclohexane	6.33	83	24129	0.781 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	11697	0.550 ug/L #	91
48) 2-Hexanone	8.37	43	13768	1.497 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	11653	0.980 ug/L #	87

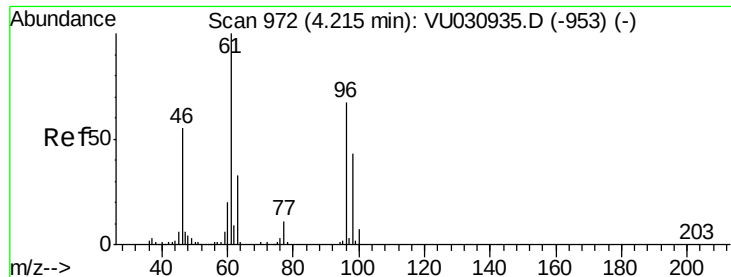
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.179 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.01 min

Lab File: VU030941.D

Acq: 09 Apr 2019 07:27

Instrument :

MSVOA_U

ClientSampleId :

BEZE1

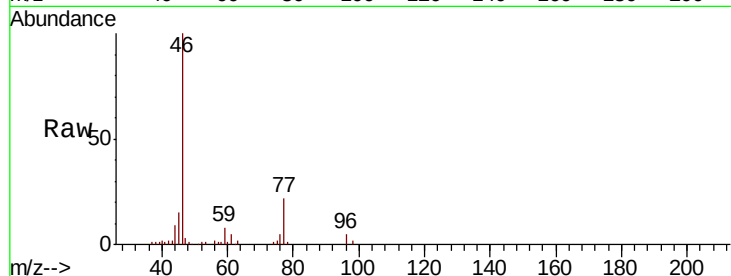
Tot Ion: 96 Resp: 3278

Ion Ratio Lower Upper

96 100

61 96.1 98.9 183.7#

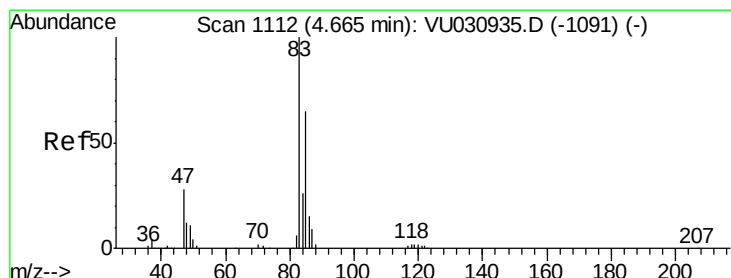
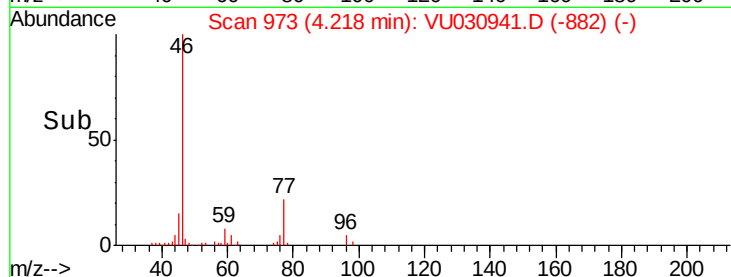
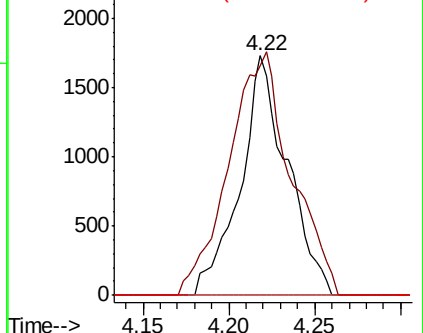
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030941.D (-882) (-)

Ion 61.05 (60.75 to 61.75): VU030941.D (-882) (-)

Ion 68.15 (67.85 to 68.85): VU030941.D (-882) (-)



#25

Chloroform

Concen: 0.480 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030941.D

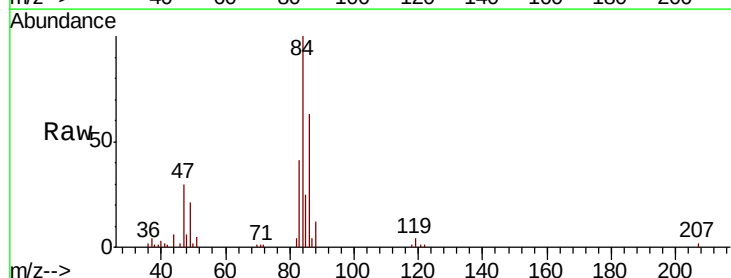
Acq: 09 Apr 2019 07:27

Tgt Ion: 83 Resp: 15880

Ion Ratio Lower Upper

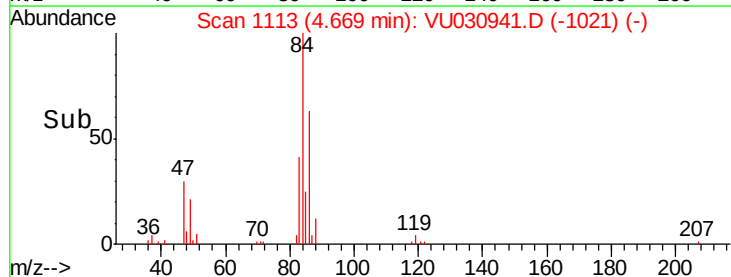
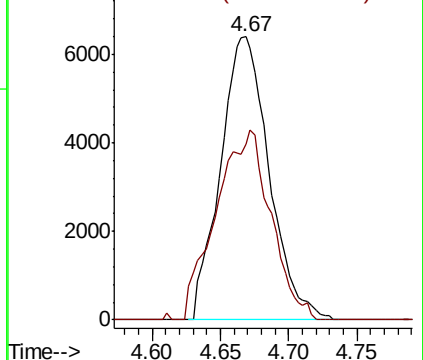
83 100

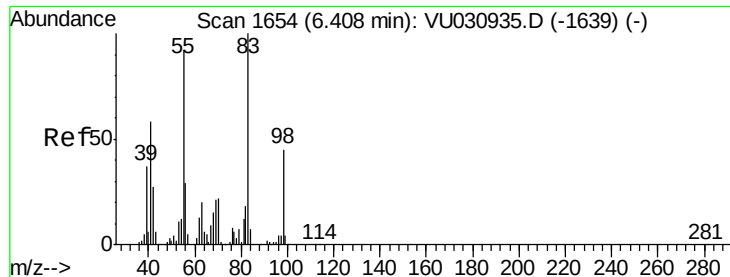
85 61.9 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030941.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VU030941.D (-1021) (-)





#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030941.D

Acq: 09 Apr 2019 07:27

Instrument :

MSVOA_U

ClientSampleId :

BEZE1

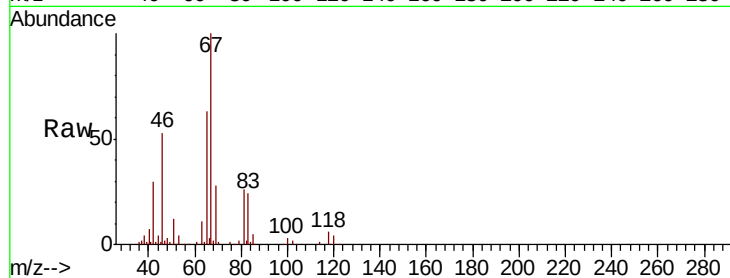
Tot Ion: 83 Resp: 24129

Ion Ratio Lower Upper

83 100

55 0.3 72.6 108.8#

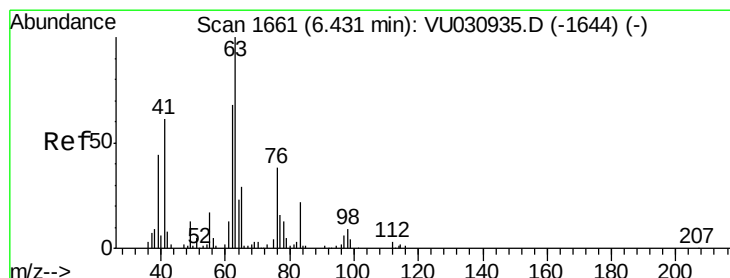
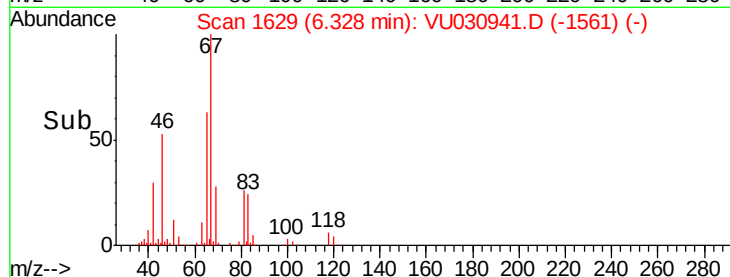
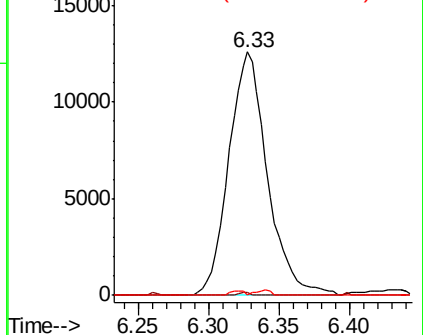
98 0.7 35.0 52.6#



Abundance Ion 83.15 (82.85 to 83.85): VU030941.D (-1629) (-)

Ion 55.10 (54.80 to 55.80): VU030941.D (-1629) (-)

Ion 98.15 (97.85 to 98.85): VU030941.D (-1629) (-)



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030941.D

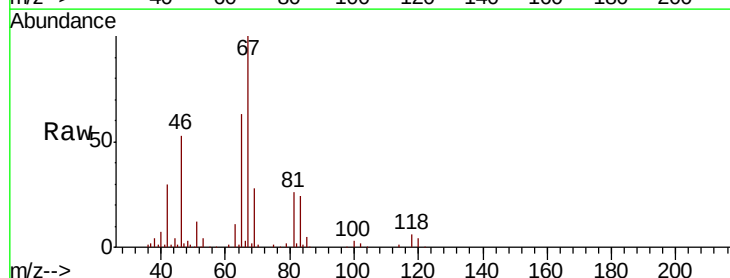
Acq: 09 Apr 2019 07:27

Tgt Ion: 63 Resp: 11697

Ion Ratio Lower Upper

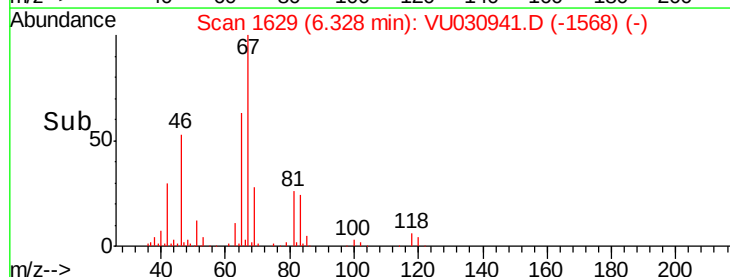
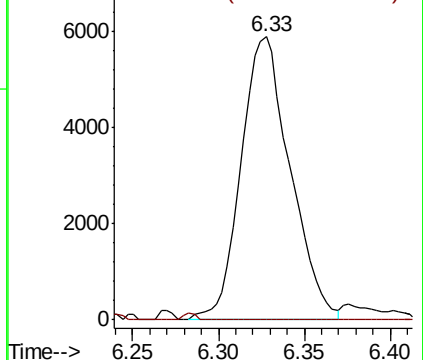
63 100

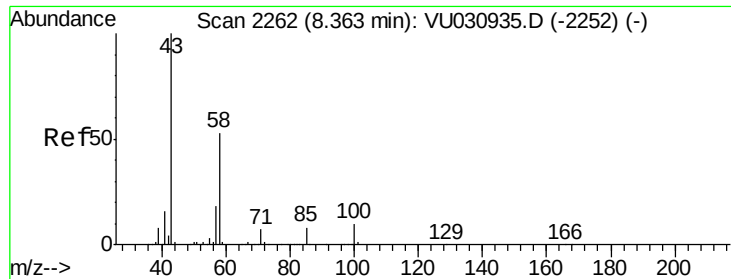
112 0.6 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU030941.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VU030941.D (-1629) (-)

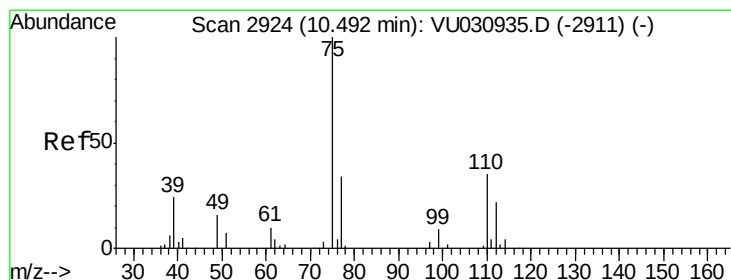
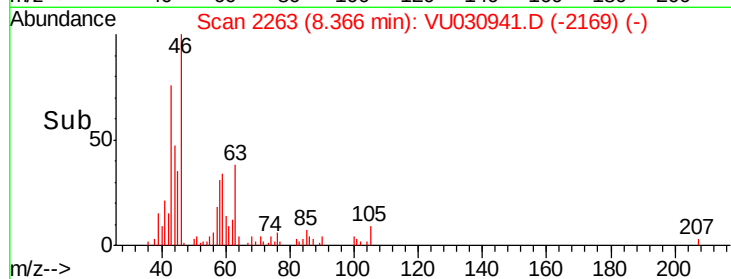
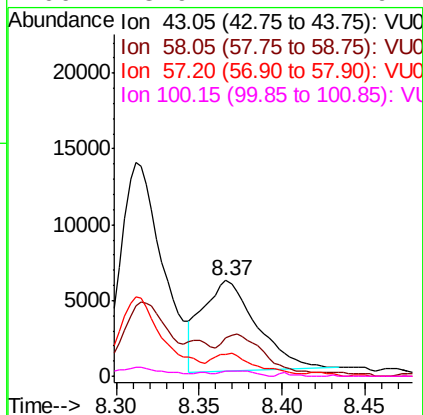
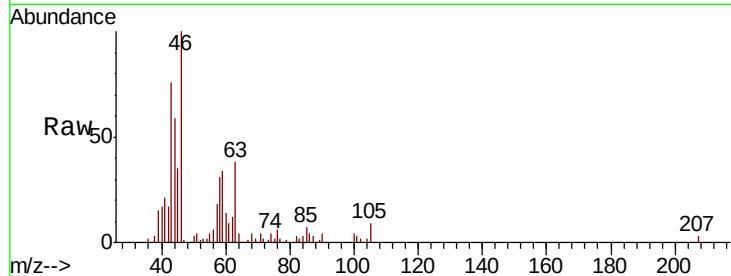




#48
 2-Hexanone
 Concen: 1.497 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030941.D
 Acq: 09 Apr 2019 07:27

Instrument :
 MSVOA_U
 ClientSampled :
 BEZE1

Tot Ion: 43 Resp: 13768
 Ion Ratio Lower Upper
 43 100
 58 30.4 42.5 63.7#
 57 20.2 13.9 20.9
 100 3.9 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.980 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030941.D
 Acq: 09 Apr 2019 07:27

Tgt Ion: 75 Resp: 11653
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.6 38.4#

