

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030847.D
 Acq On : 07 Apr 2019 11:20
 Operator : JC/SP
 Sample : K2283-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ80

Quant Time: Apr 08 03:38:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 03:35:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236852	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	235488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	106850	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.68	69	86539	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.60%
11) 1,1-Dichloroethene-d2	2.27	63	156889	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.19	46	298116	63.92	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.84%
24) Chloroform-d	4.64	84	170714	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.31	65	101605	6.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.80%
32) Benzene-d6	5.33	84	339561	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.32	67	120492	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.80%
41) Toluene-d8	7.56	98	280822	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	40711	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.31	63	202721	60.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93234	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	99070	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

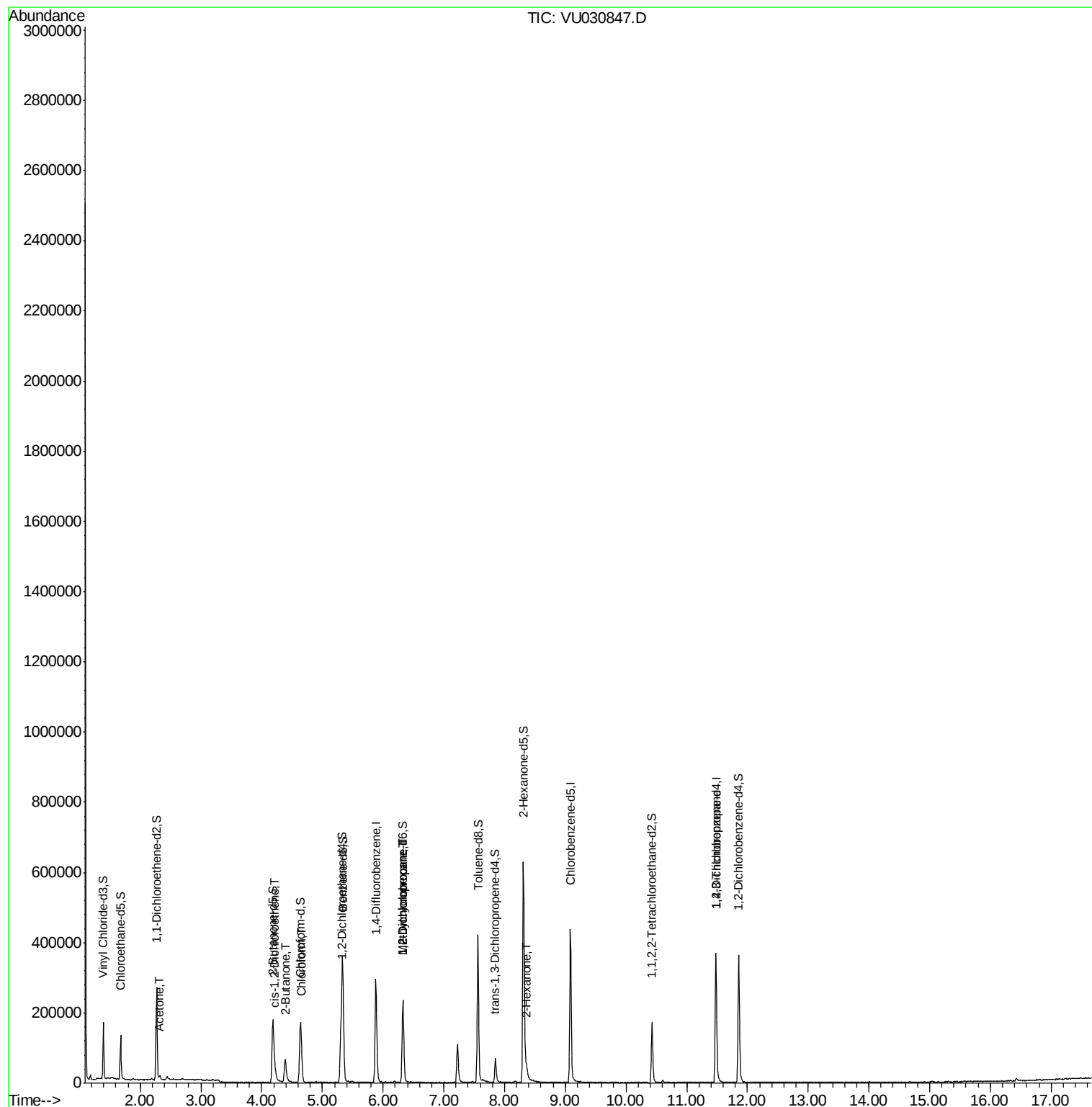
					Qvalue
13) Acetone	2.32	43	7979	2.213 ug/L	95
21) 2-Butanone	4.39	43	99482	17.408 ug/L #	54
22) cis-1,2-Dichloroethene	4.22	96	2388	0.123 ug/L	69
25) Chloroform	4.67	83	5188	0.147 ug/L	99
35) Methylcyclohexane	6.33	83	25294	0.795 ug/L #	14
37) 1,2-Dichloropropane	6.32	63	11614	0.530 ug/L #	94
48) 2-Hexanone	8.36	43	16783	1.771 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	13155	1.074 ug/L	94

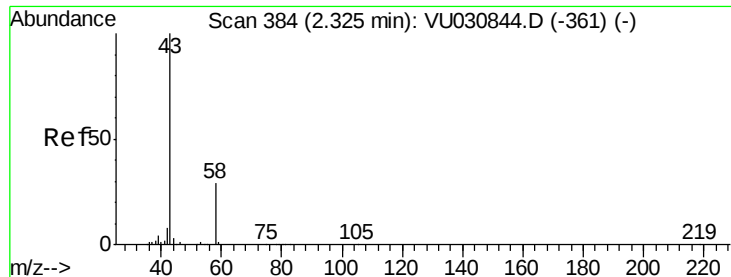
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.213 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.04 min

Lab File: VU030847.D

Acq: 07 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

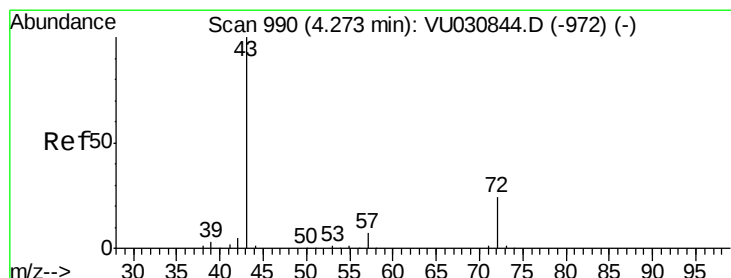
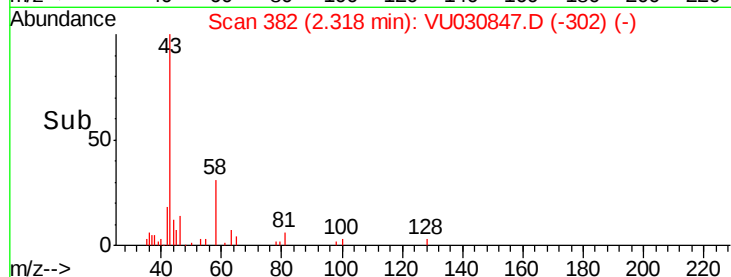
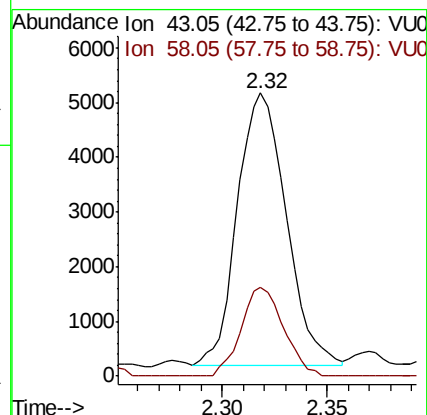
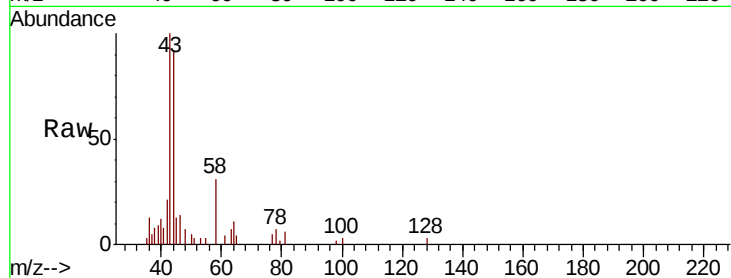
BEZ80

Tgt Ion: 43 Resp: 7979

Ion Ratio Lower Upper

43 100

58 28.4 0.0 62.8



#21

2-Butanone

Concen: 17.408 ug/L

RT: 4.39 min Scan# 1026

Delta R.T. 0.09 min

Lab File: VU030847.D

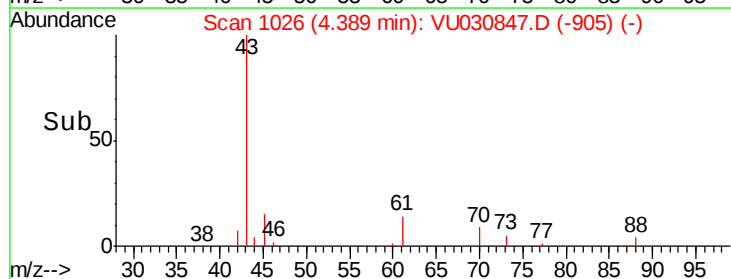
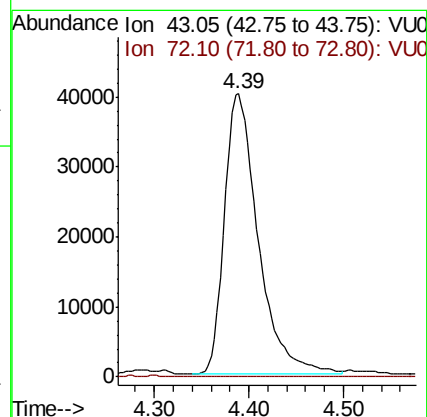
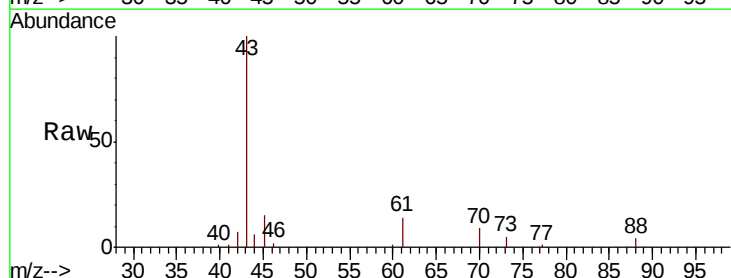
Acq: 07 Apr 2019 11:20

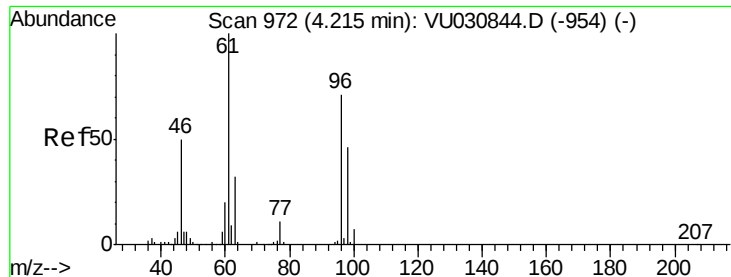
Tgt Ion: 43 Resp: 99482

Ion Ratio Lower Upper

43 100

72 0.0 11.2 33.5#



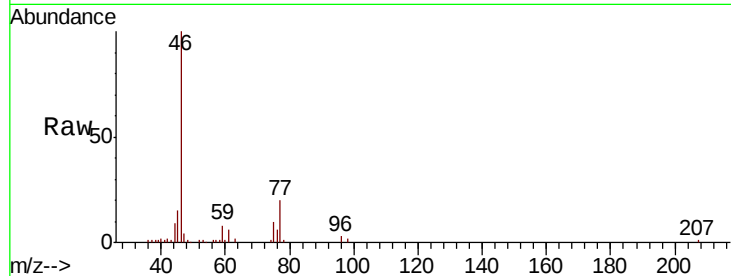


#22

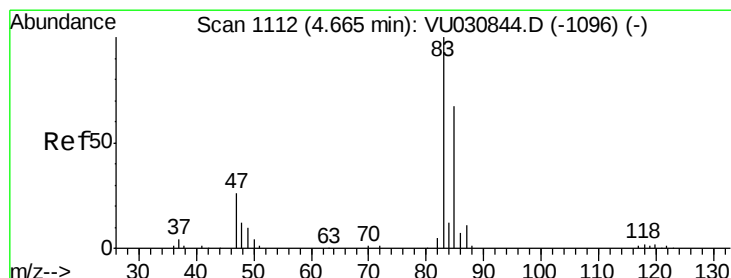
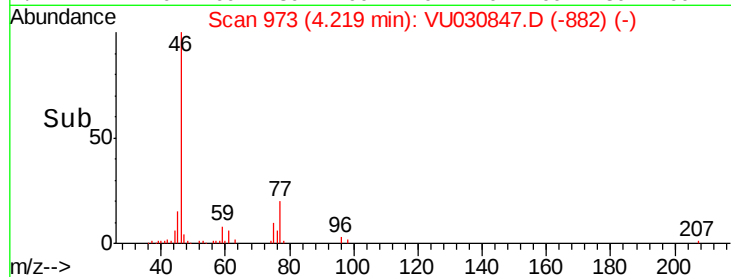
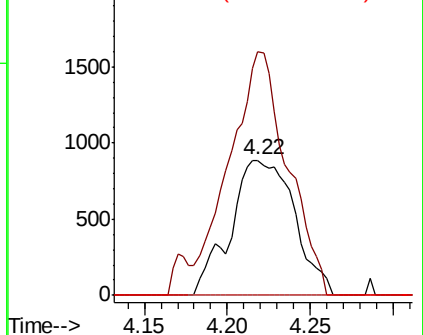
cis-1,2-Dichloroethene
 Concen: 0.123 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: VU030847.D
 Acq: 07 Apr 2019 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ80

Tgt Ion: 96 Resp: 2388
 Ion Ratio Lower Upper
 96 100
 61 179.9 98.9 183.7
 68 0.0 0.0 0.0



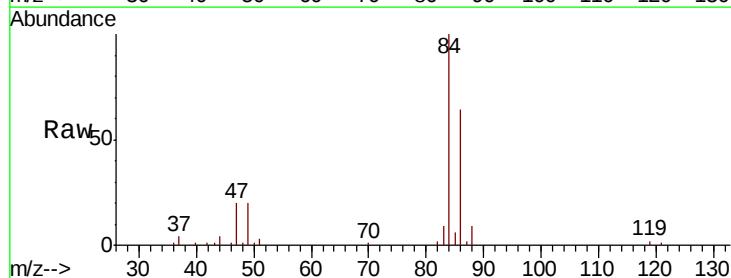
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



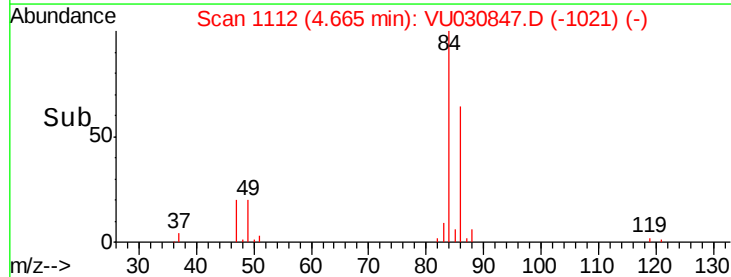
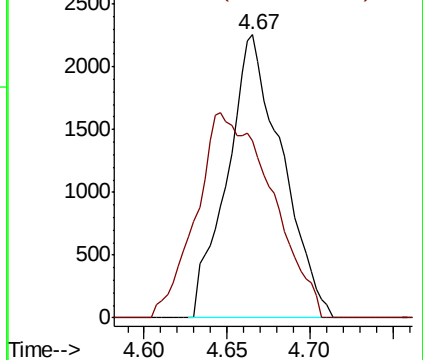
#25

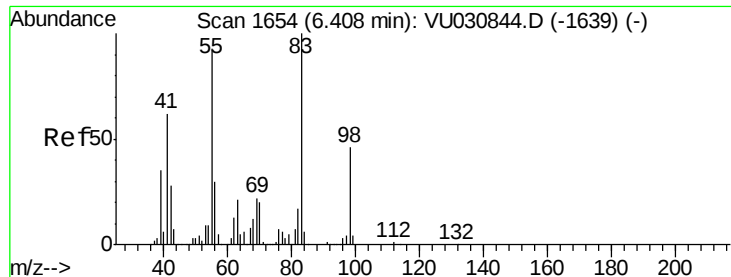
Chloroform
 Concen: 0.147 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VU030847.D
 Acq: 07 Apr 2019 11:20

Tgt Ion: 83 Resp: 5188
 Ion Ratio Lower Upper
 83 100
 85 62.7 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030847.D

Acq: 07 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

BEZ80

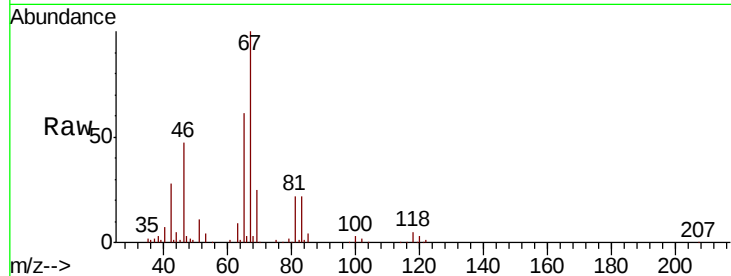
Tgt Ion: 83 Resp: 25294

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

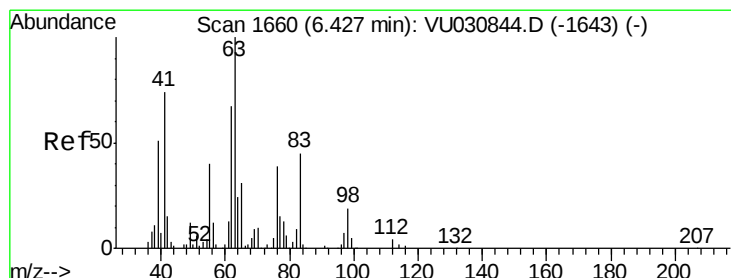
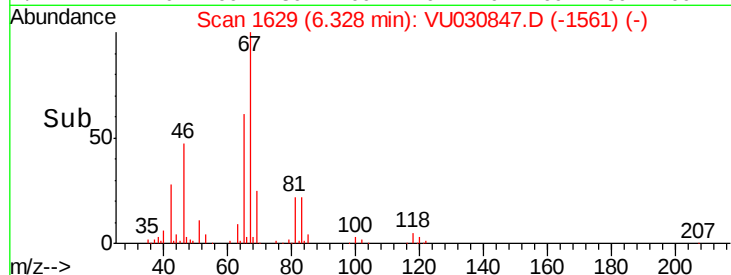
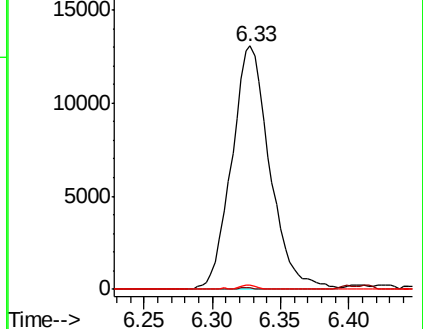
98 0.8 35.0 52.6#



Abundance Ion 83.15 (82.85 to 83.85): VU030847.D (-1629) (-)

Ion 55.10 (54.80 to 55.80): VU030847.D (-1629) (-)

Ion 98.15 (97.85 to 98.85): VU030847.D (-1629) (-)



#37

1,2-Dichloropropane

Concen: 0.530 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030847.D

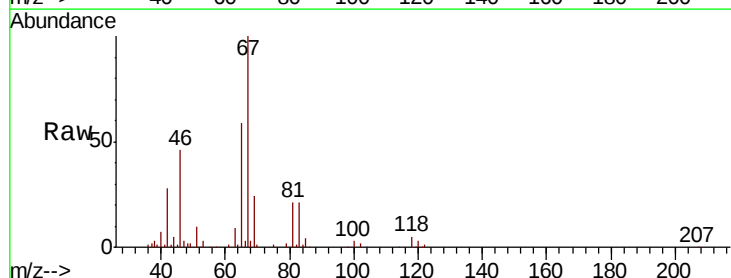
Acq: 07 Apr 2019 11:20

Tgt Ion: 63 Resp: 11614

Ion Ratio Lower Upper

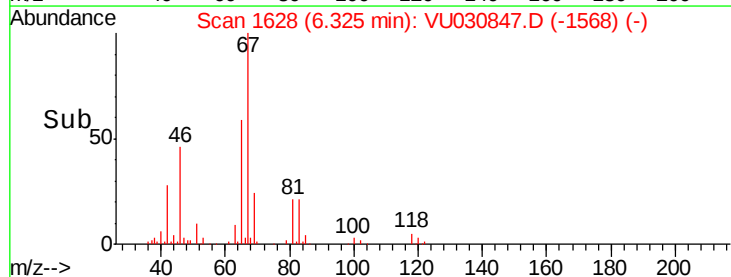
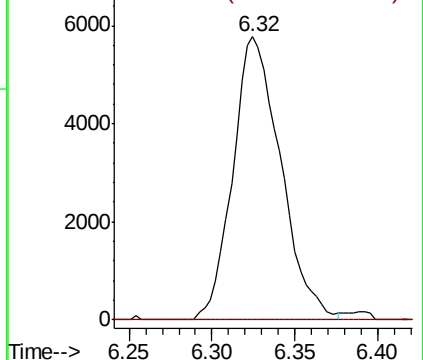
63 100

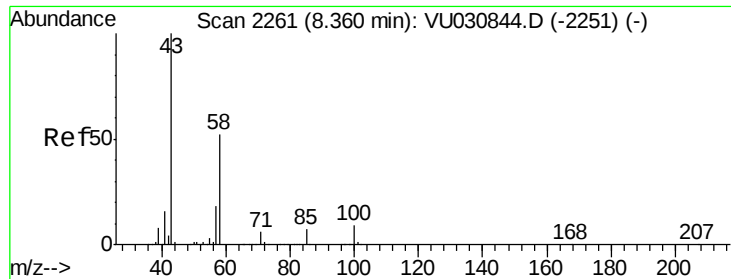
112 1.4 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU030847.D (-1628) (-)

Ion 112.10 (111.80 to 112.80): VU030847.D (-1628) (-)

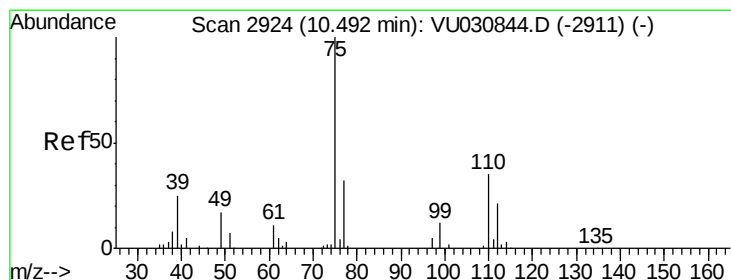
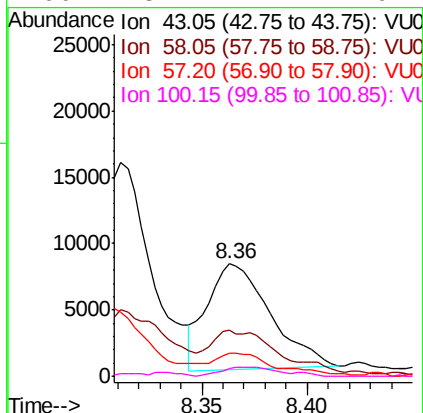
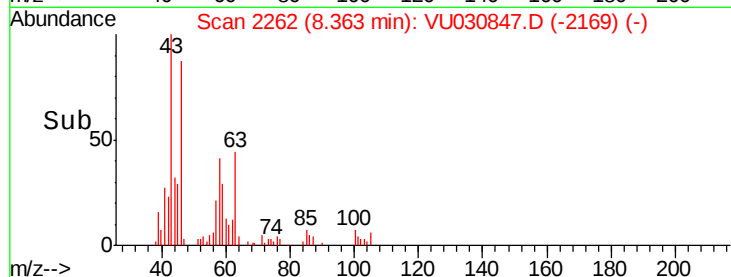
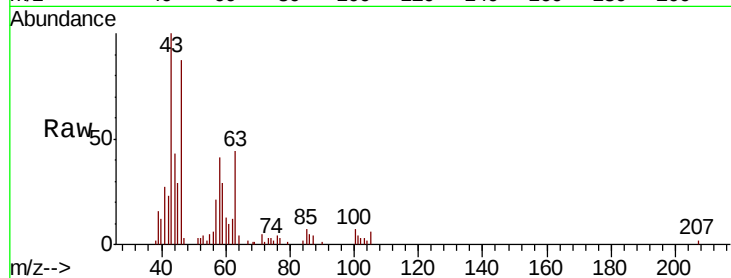




#48
 2-Hexanone
 Concen: 1.771 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU030847.D
 Acq: 07 Apr 2019 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ80

Tgt Ion: 43 Resp: 16783
 Ion Ratio Lower Upper
 43 100
 58 42.6 42.5 63.7
 57 21.5 13.9 20.9#
 100 8.2 7.1 10.7



#59
 1,2,3-Trichloropropane
 Concen: 1.074 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030847.D
 Acq: 07 Apr 2019 11:20

Tgt Ion: 75 Resp: 13155
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.6 38.4

