

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030855.D
 Acq On : 07 Apr 2019 14:33
 Operator : JC/SP
 Sample : K2283-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ88

Quant Time: Apr 08 03:39:45 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	245014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	258596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113965	6.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.80%
7) Chloroethane-d5	1.68	69	91871	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.27	63	164604	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.19	46	316771	65.66	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.32%#
24) Chloroform-d	4.64	84	167056	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	105820	6.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.60%
32) Benzene-d6	5.33	84	367165	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.33	67	130559	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.56	98	301056	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	42413	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.31	63	215265	58.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99063	6.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	101617	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

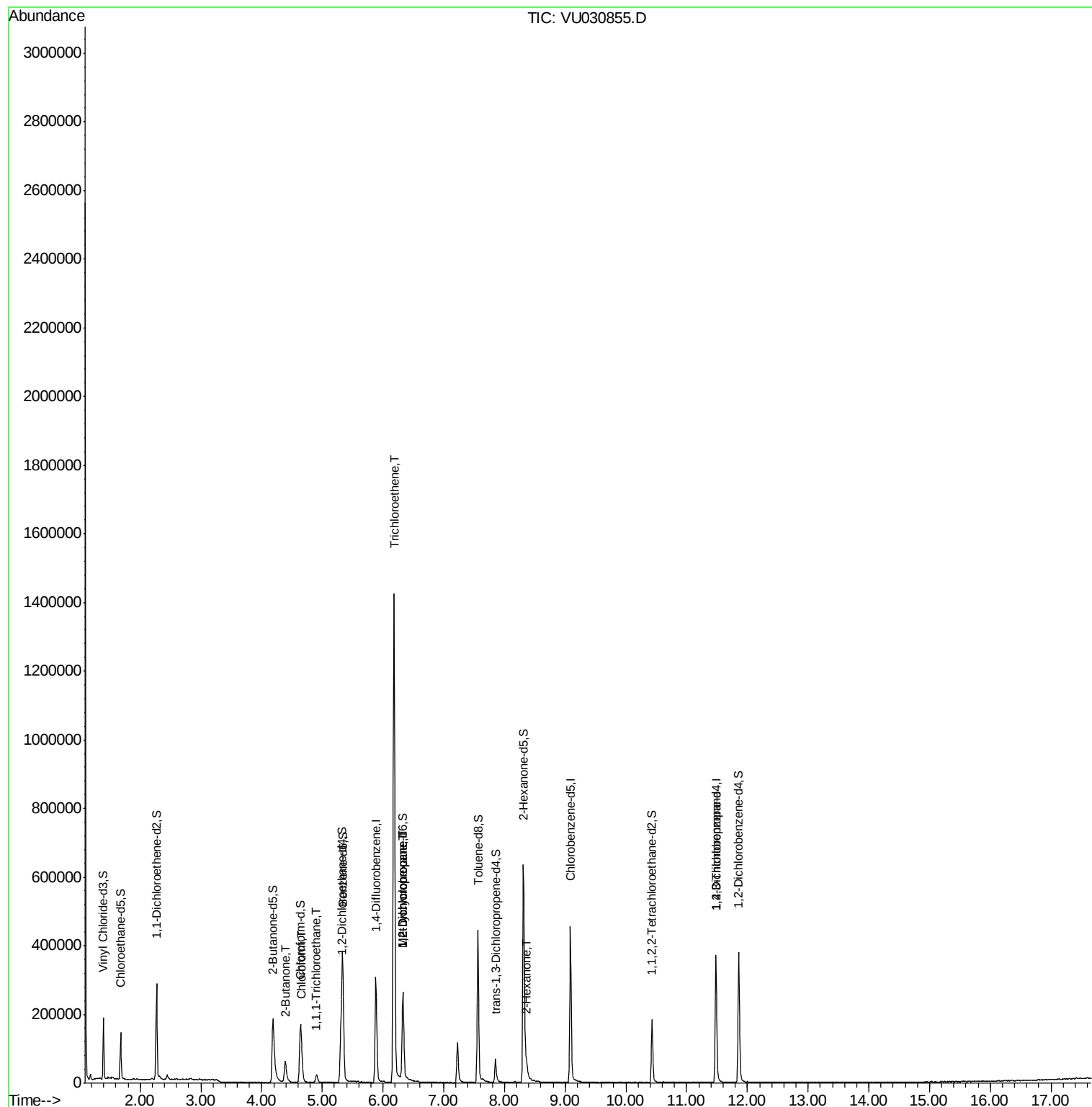
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) 2-Butanone	4.39	43	97943	16.568	ug/L #	54
25) Chloroform	4.67	83	27987	0.769	ug/L	85
29) 1,1,1-Trichloroethane	4.90	97	15823	0.480	ug/L	99
34) Trichloroethene	6.18	95	520821	23.783	ug/L	98
35) Methylcyclohexane	6.33	83	28025	0.802	ug/L #	15
37) 1,2-Dichloropropane	6.32	63	13919	0.578	ug/L #	91
48) 2-Hexanone	8.37	43	25371	2.438	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	12969	0.964	ug/L #	86

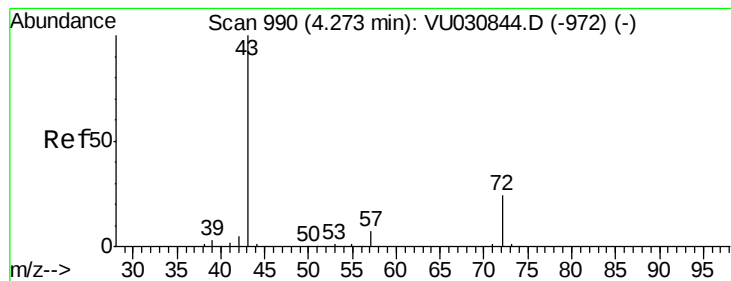
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 16.568 ug/L

RT: 4.39 min Scan# 1026

Delta R.T. 0.09 min

Lab File: VU030855.D

Acq: 07 Apr 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

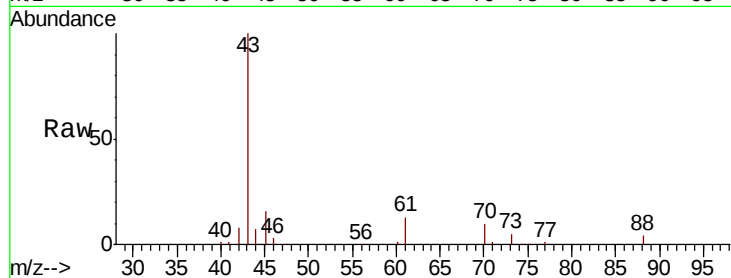
BEZ88

Tgt Ion: 43 Resp: 97943

Ion Ratio Lower Upper

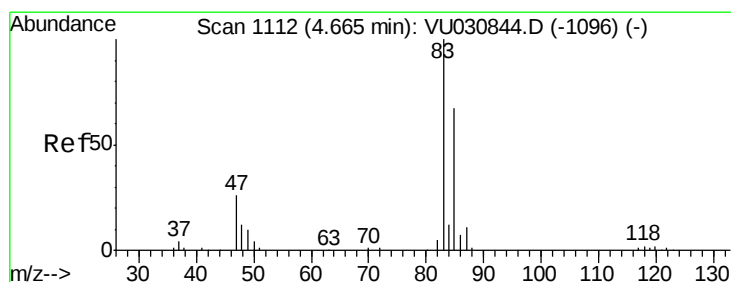
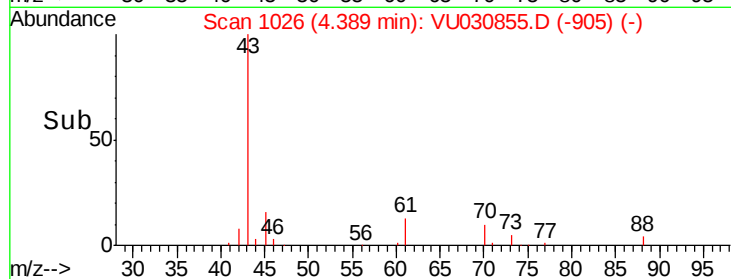
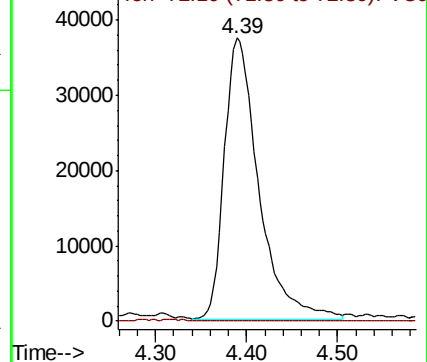
43 100

72 0.3 11.2 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



#25

Chloroform

Concen: 0.769 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030855.D

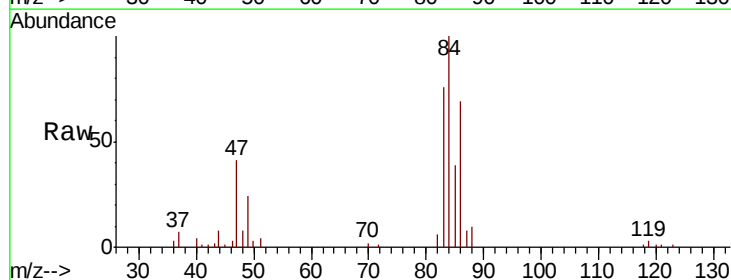
Acq: 07 Apr 2019 14:33

Tgt Ion: 83 Resp: 27987

Ion Ratio Lower Upper

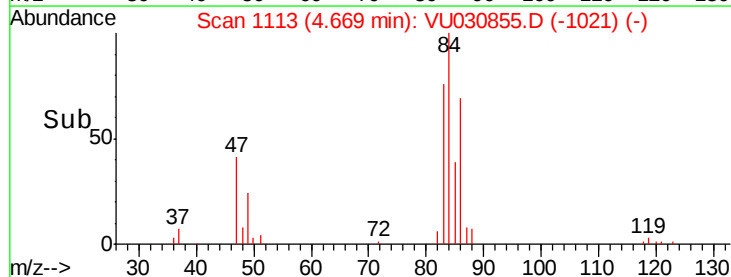
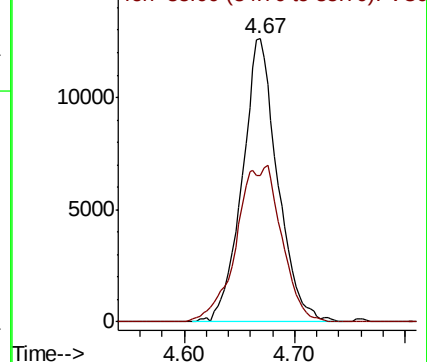
83 100

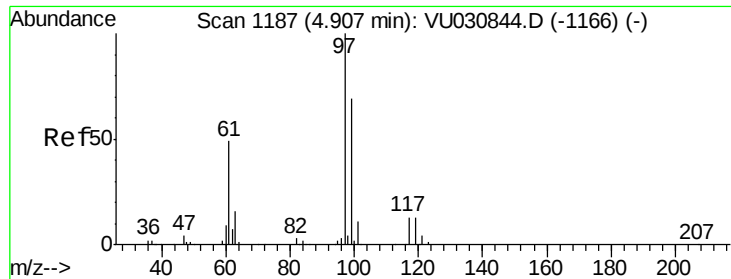
85 51.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

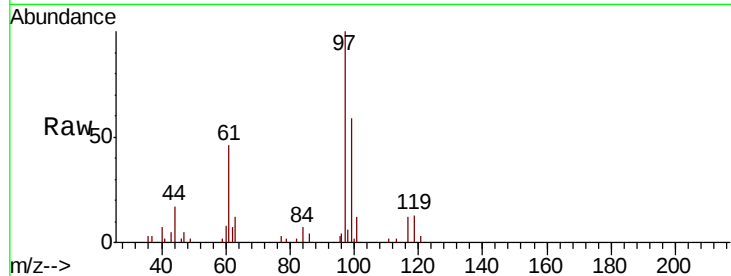




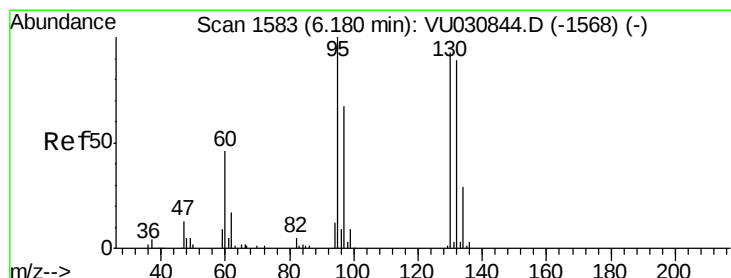
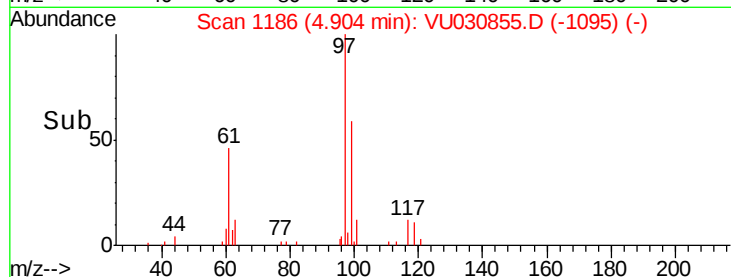
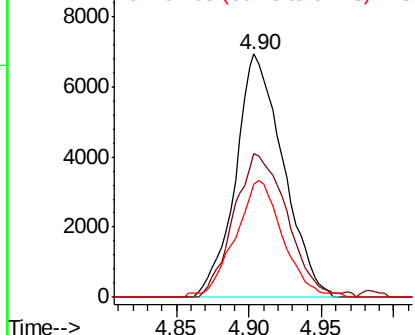
#29
 1,1,1-Trichloroethane
 Concen: 0.480 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: VU030855.D
 Acq: 07 Apr 2019 14:33

Instrument :
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 ClientSampleId :
 BEZ88

Tgt Ion: 97 Resp: 15823
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.8 77.6
 61 47.7 38.1 57.1



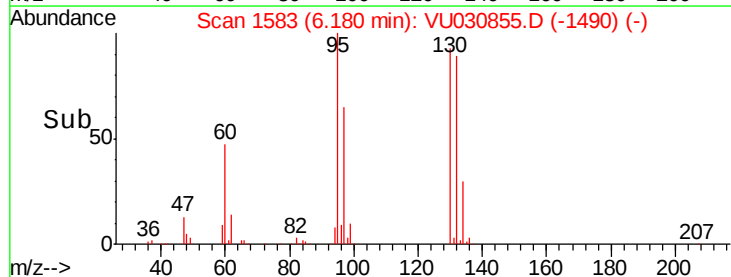
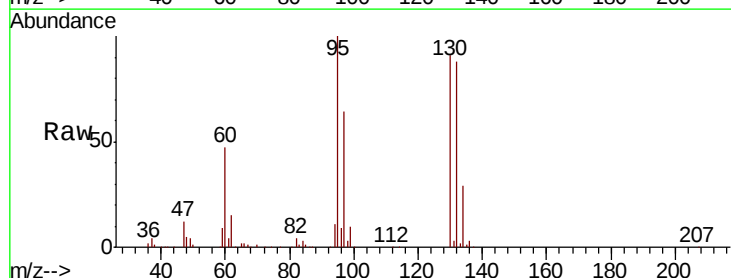
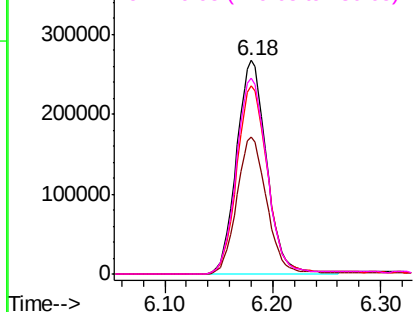
Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

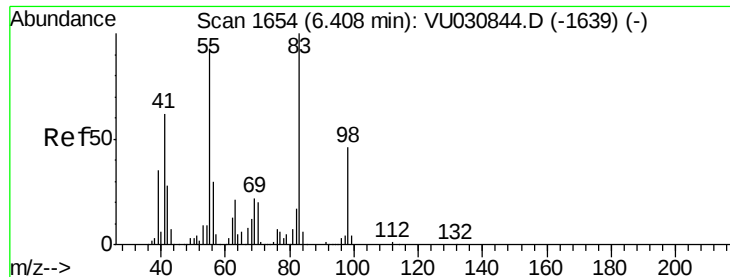


#34
 Trichloroethene
 Concen: 23.783 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030855.D
 Acq: 07 Apr 2019 14:33

Tgt Ion: 95 Resp: 520821
 Ion Ratio Lower Upper
 95 100
 97 64.1 43.5 80.9
 132 87.8 60.7 112.7
 130 91.5 65.1 120.9

Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

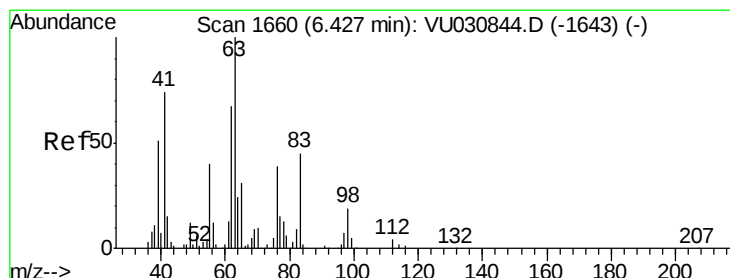
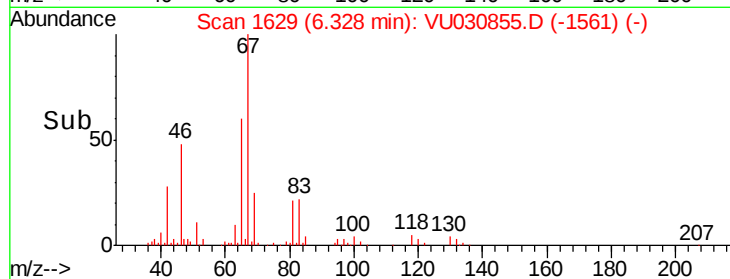
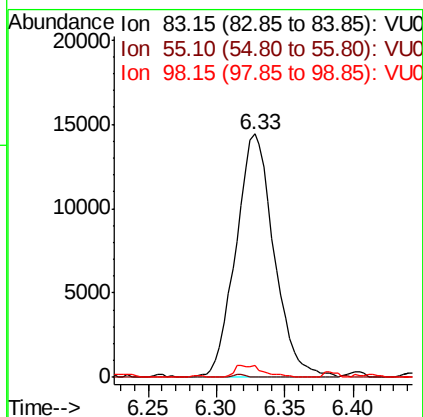
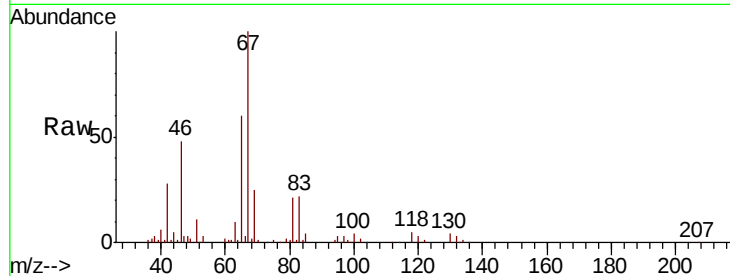




#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030855.D
Acq: 07 Apr 2019 14:33

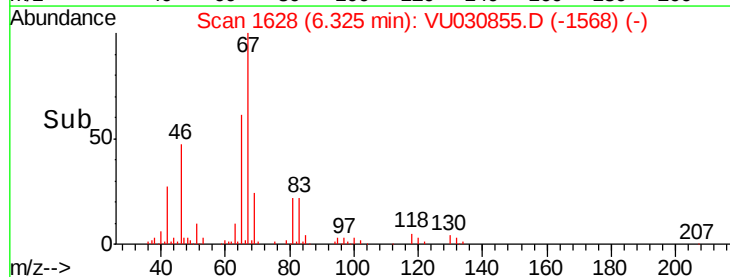
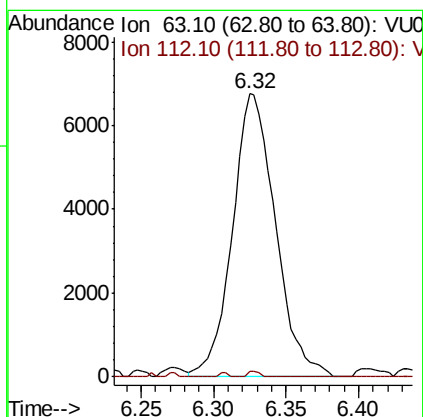
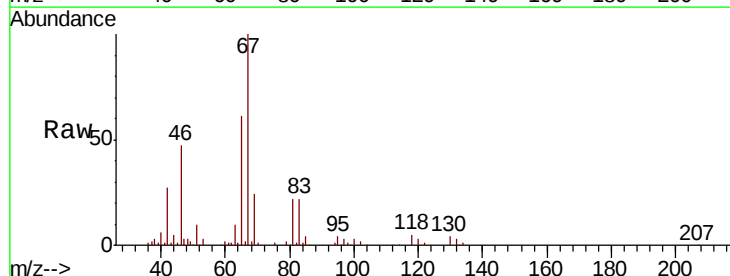
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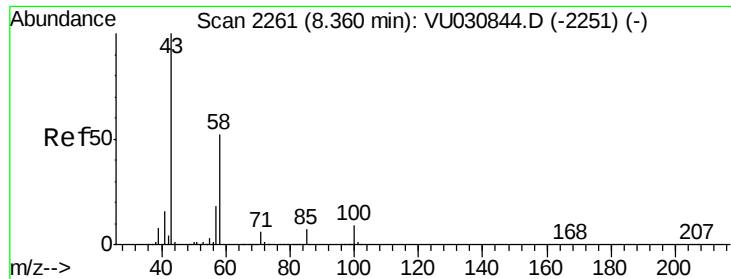
Tgt Ion: 83 Resp: 28025
Ion Ratio Lower Upper
83 100
55 0.4 72.6 108.8#
98 3.8 35.0 52.6#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU030855.D
Acq: 07 Apr 2019 14:33

Tgt Ion: 63 Resp: 13919
Ion Ratio Lower Upper
63 100
112 0.5 2.8 4.2#

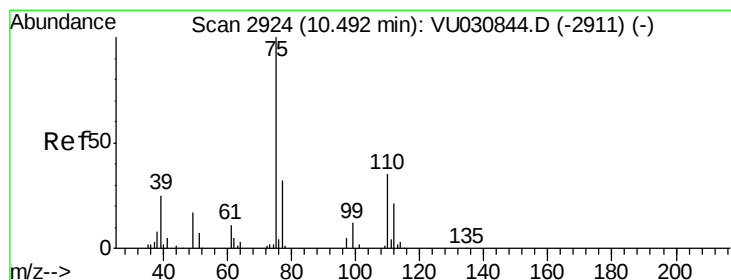
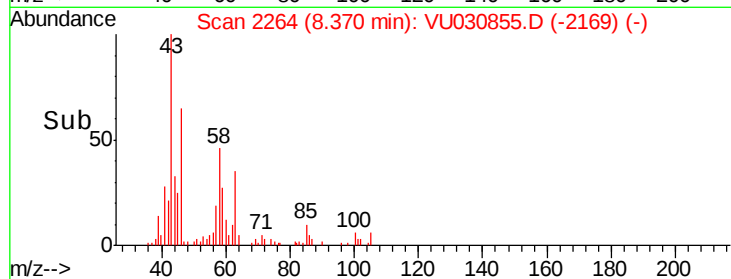
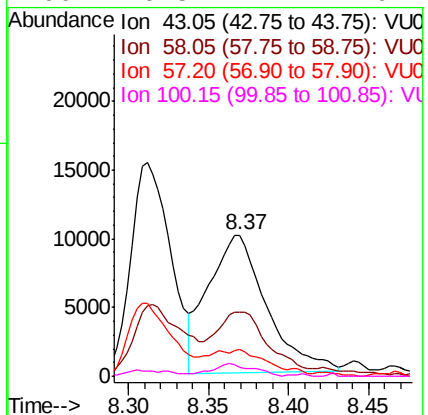
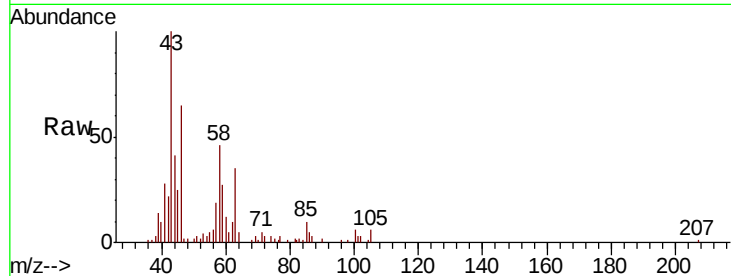




#48
 2-Hexanone
 Concen: 2.438 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030855.D
 Acq: 07 Apr 2019 14:33

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Tgt Ion: 43 Resp: 25371
 Ion Ratio Lower Upper
 43 100
 58 36.0 42.5 63.7#
 57 18.2 13.9 20.9
 100 6.5 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.964 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030855.D
 Acq: 07 Apr 2019 14:33

Tgt Ion: 75 Resp: 12969
 Ion Ratio Lower Upper
 75 100
 77 39.5 25.6 38.4#

