

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030846.D
 Acq On : 07 Apr 2019 10:56
 Operator : JC/SP
 Sample : K2283-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ79

Quant Time: Apr 08 03:38:22 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	235726	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	238161	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100779	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106048	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.68	69	87513	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.27	63	155422	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.18	46	290718	62.63	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.26%
24) Chloroform-d	4.64	84	146441	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	97854	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.80%
32) Benzene-d6	5.33	84	338961	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.33	67	117450	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.56	98	281081	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	41431	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.31	63	192138	56.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90177	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	97192	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

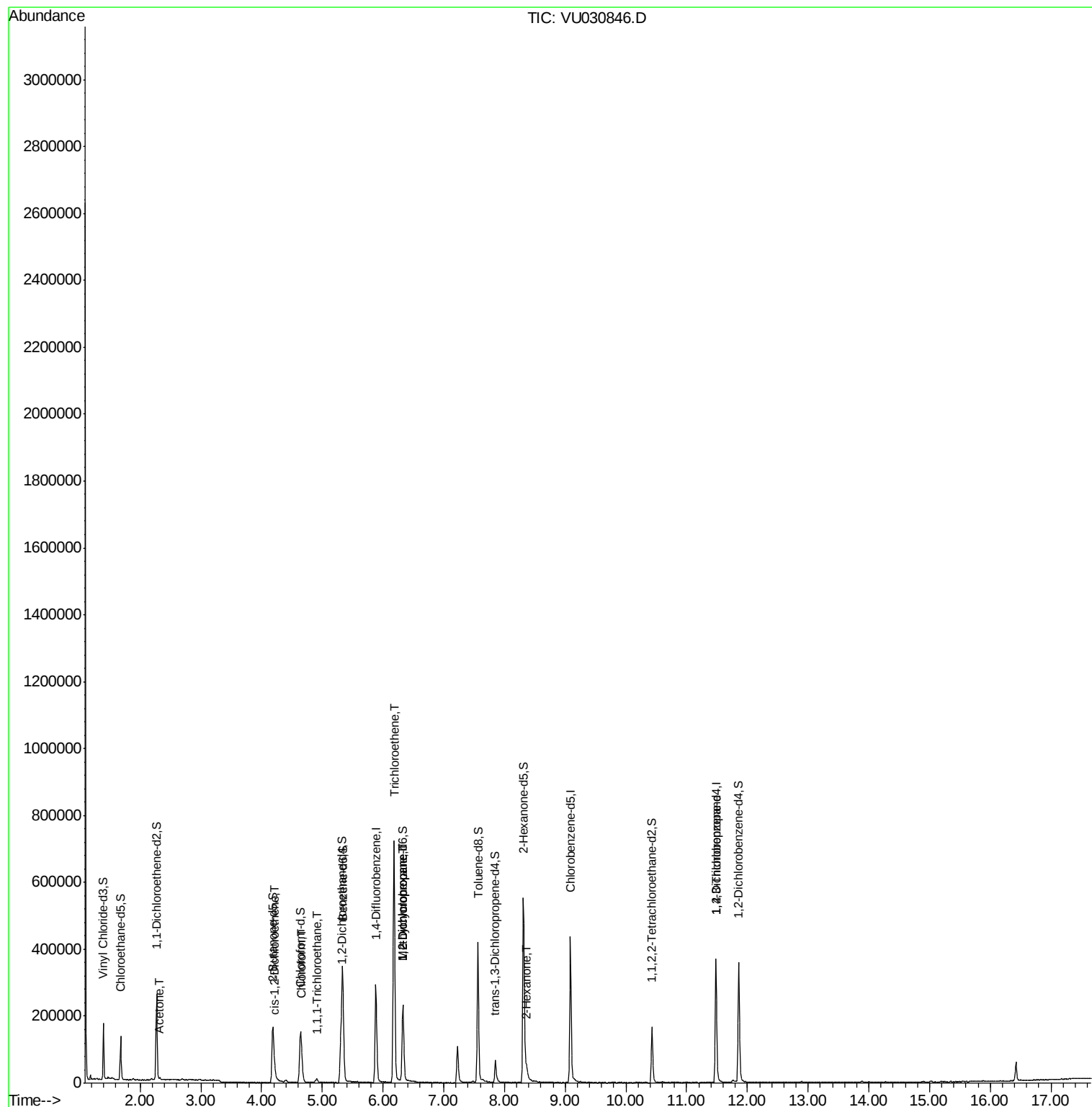
					Qvalue
13) Acetone	2.32	43	4599	1.282 ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	2888	0.149 ug/L	96
25) Chloroform	4.67	83	28081	0.802 ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	8126	0.268 ug/L	96
34) Trichloroethene	6.18	95	262736	13.027 ug/L	98
35) Methylcyclohexane	6.33	83	25229	0.784 ug/L #	15
37) 1,2-Dichloropropane	6.32	63	11853	0.535 ug/L #	90
48) 2-Hexanone	8.37	43	18507	1.931 ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	13403	1.082 ug/L	92

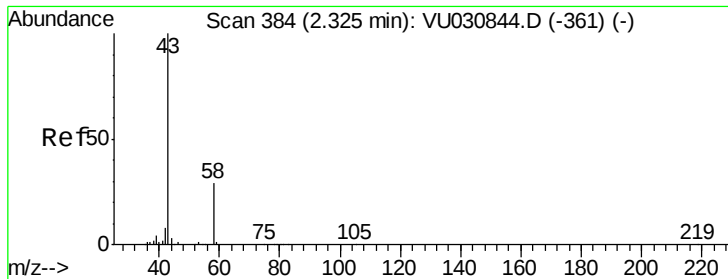
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.282 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030846.D

Acq: 07 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

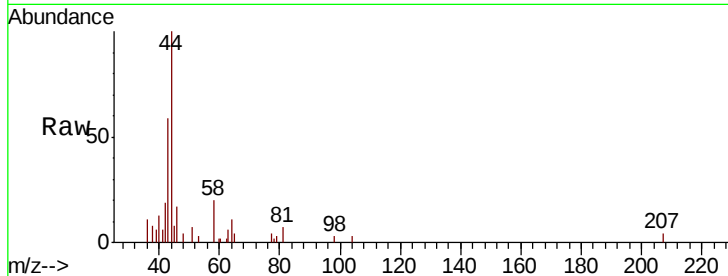
BEZ79

Tgt Ion: 43 Resp: 4599

Ion Ratio Lower Upper

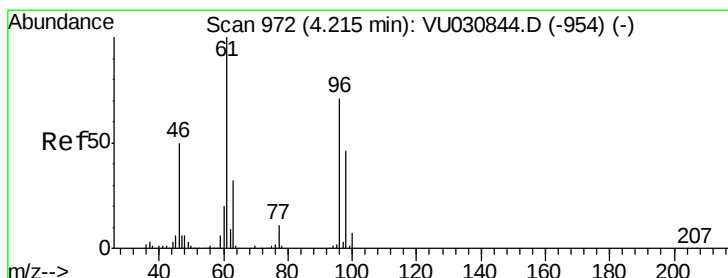
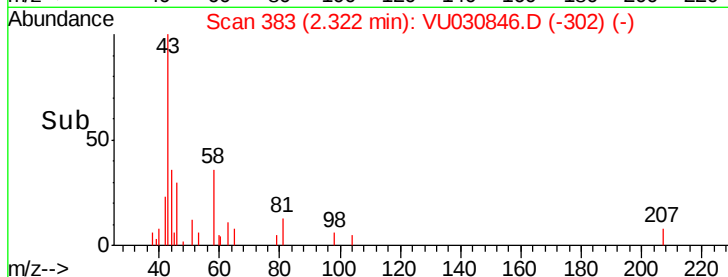
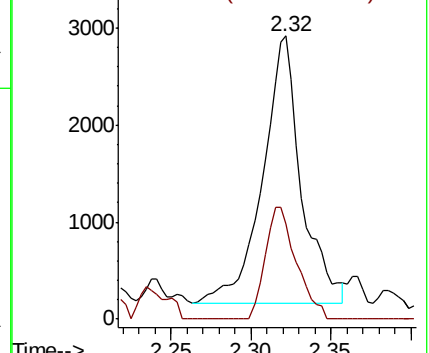
43 100

58 33.9 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030844.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU030844.D (-361) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.149 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU030846.D

Acq: 07 Apr 2019 10:56

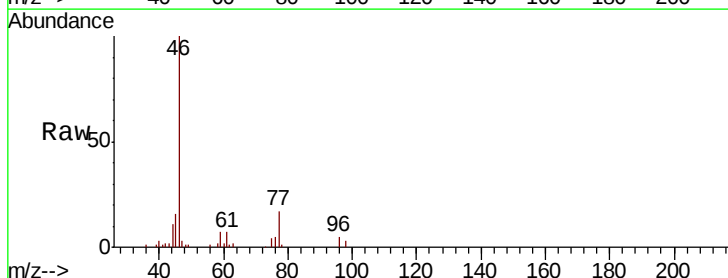
Tgt Ion: 96 Resp: 2888

Ion Ratio Lower Upper

96 100

61 136.0 98.9 183.7

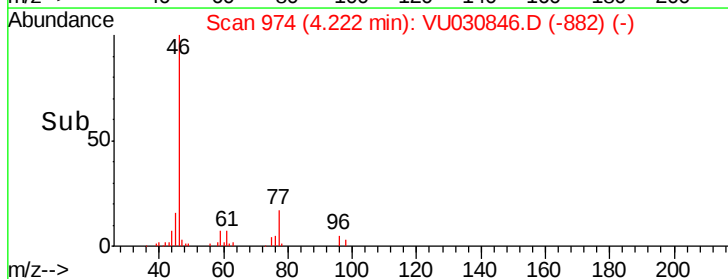
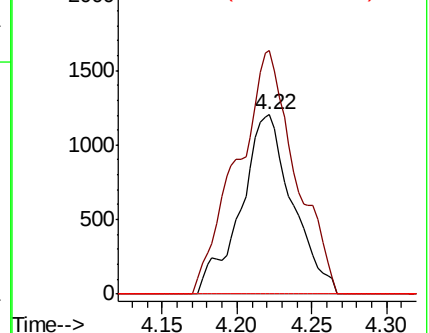
68 0.0 0.0 0.0

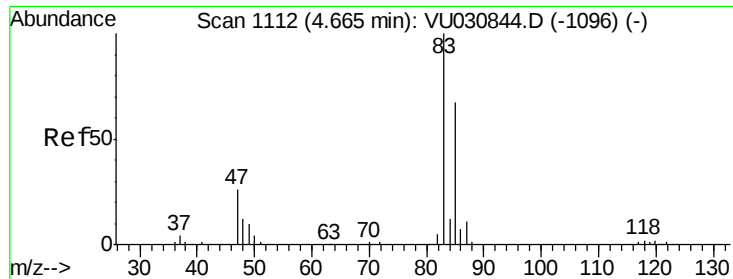


Abundance Ion 96.00 (95.70 to 96.70): VU030844.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU030844.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU030844.D (-954) (-)

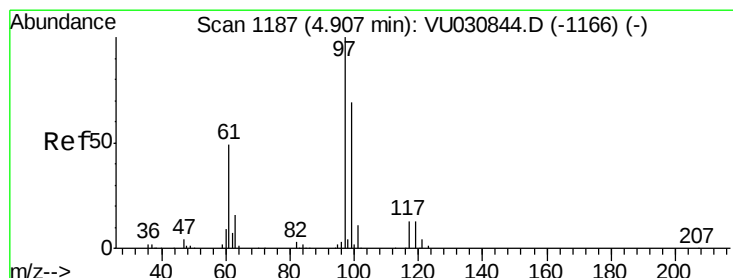
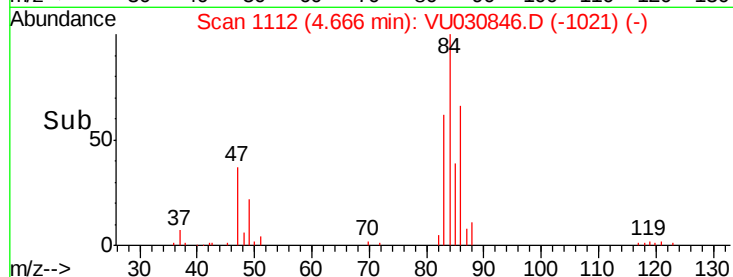
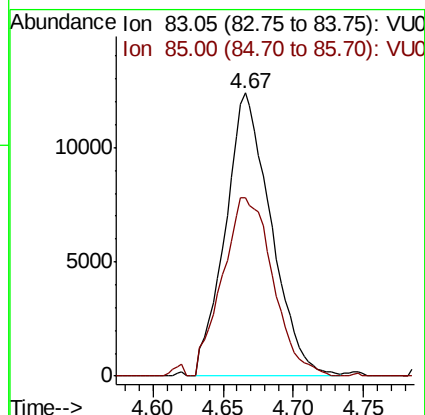
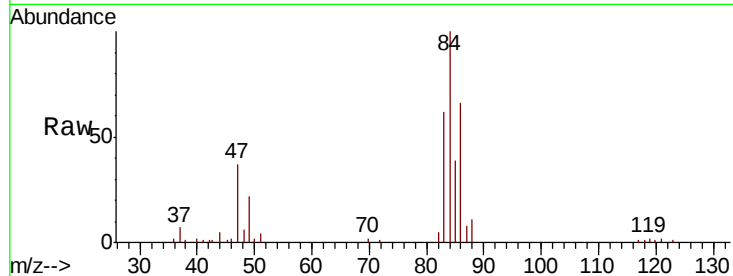




#25
Chloroform
Concen: 0.802 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VU030846.D
Acq: 07 Apr 2019 10:56

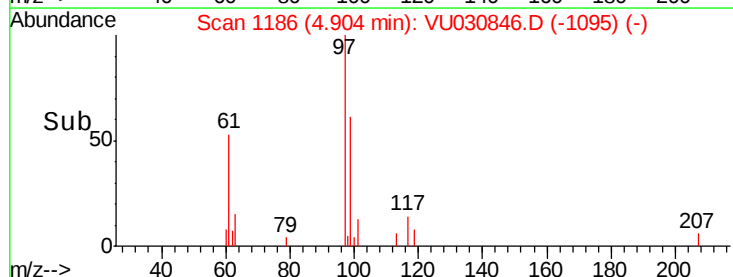
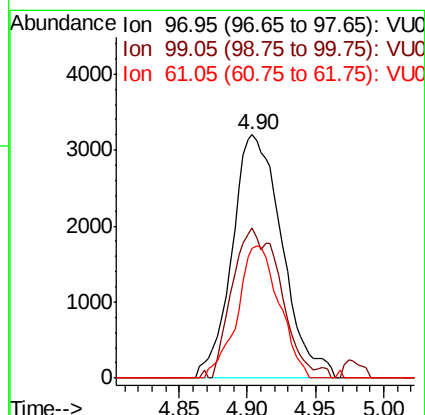
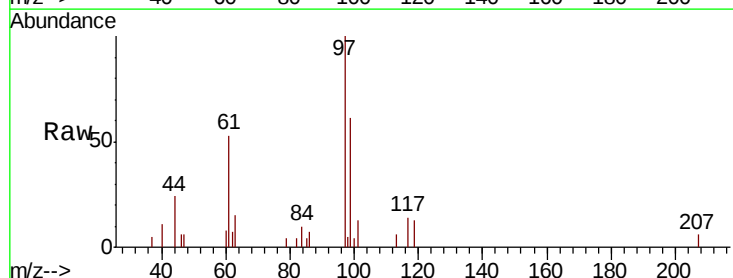
Instrument :
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ClientSampleId :
BEZ79

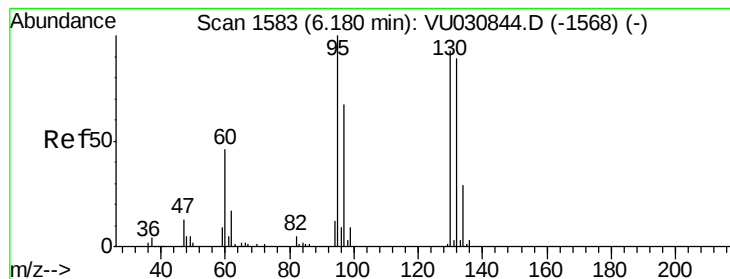
Tgt Ion: 83 Resp: 28081
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2



#29
1,1,1-Trichloroethane
Concen: 0.268 ug/L
RT: 4.90 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU030846.D
Acq: 07 Apr 2019 10:56

Tgt Ion: 97 Resp: 8126
Ion Ratio Lower Upper
97 100
99 60.4 51.8 77.6
61 45.5 38.1 57.1





#34

Trichloroethene

Concen: 13.027 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030846.D

Acq: 07 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

BEZ79

Tgt Ion: 95 Resp: 262736

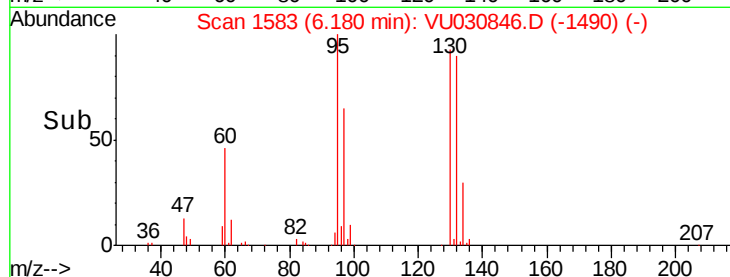
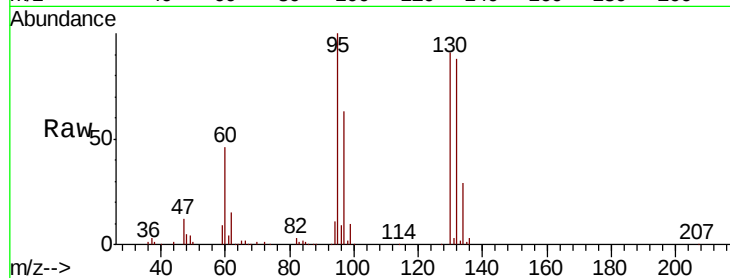
Ion Ratio Lower Upper

95 100

97 63.3 43.5 80.9

132 87.6 60.7 112.7

130 90.9 65.1 120.9

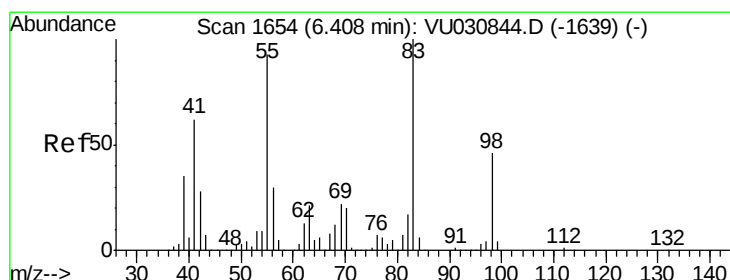
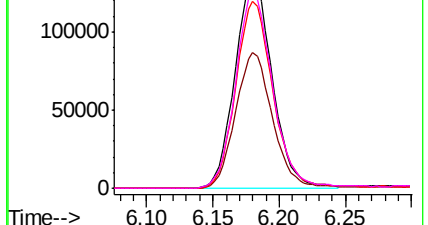


Abundance Ion 95.00 (94.70 to 95.70): VU030844.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU030844.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU030844.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU030844.D (-1568) (-)



#35

Methylcyclohexane

Concen: 0.784 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030846.D

Acq: 07 Apr 2019 10:56

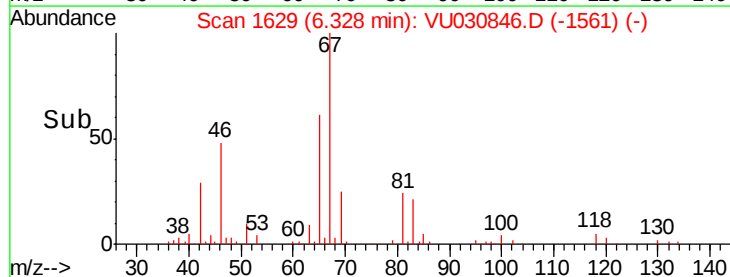
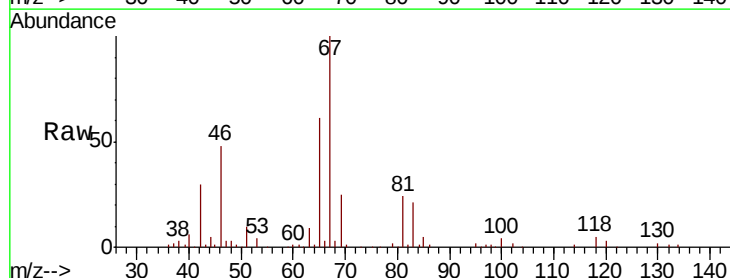
Tgt Ion: 83 Resp: 25229

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

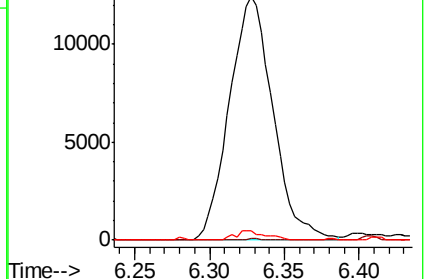
98 2.8 35.0 52.6#

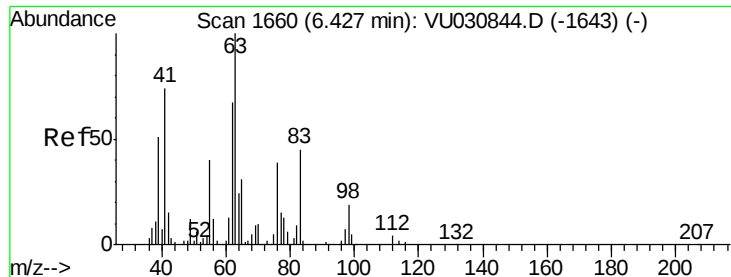


Abundance Ion 83.15 (82.85 to 83.85): VU030844.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU030844.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU030844.D (-1639) (-)

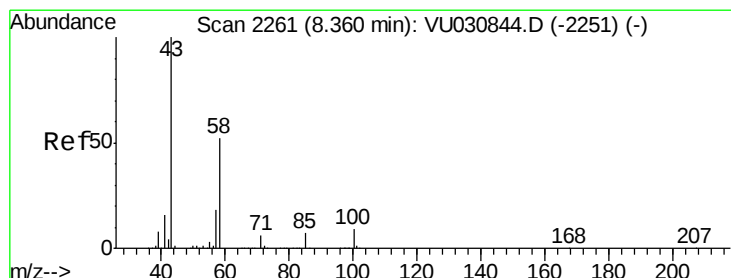
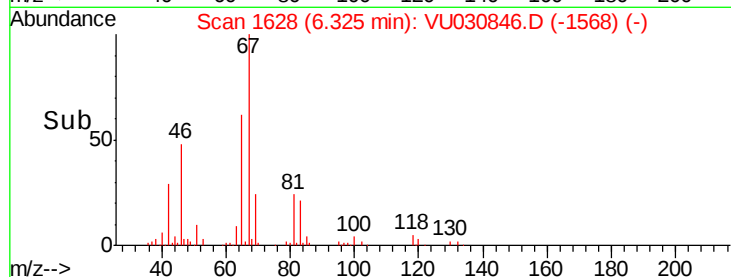
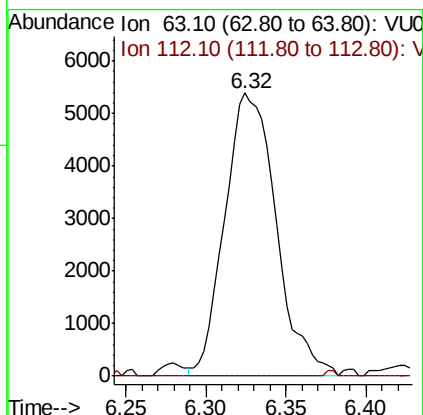
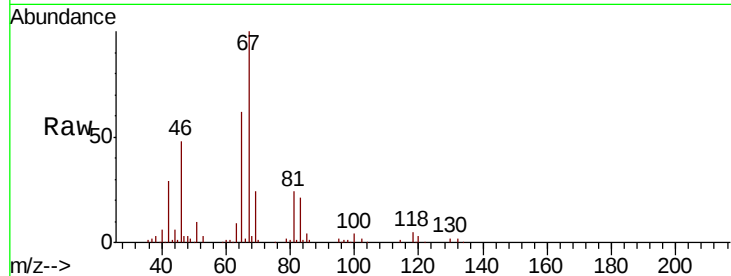




#37
 1,2-Dichloropropane
 Concen: 0.535 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU030846.D
 Acq: 07 Apr 2019 10:56

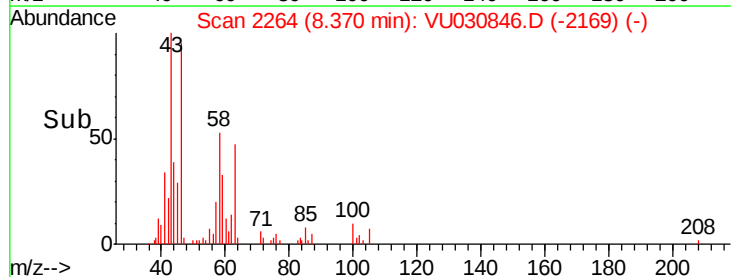
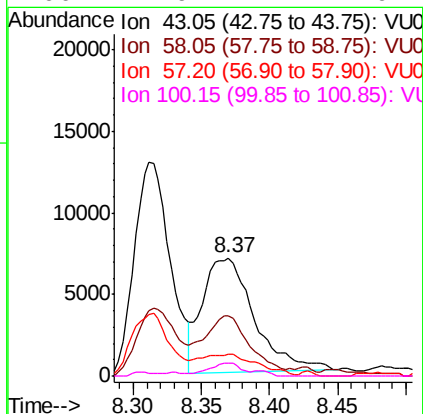
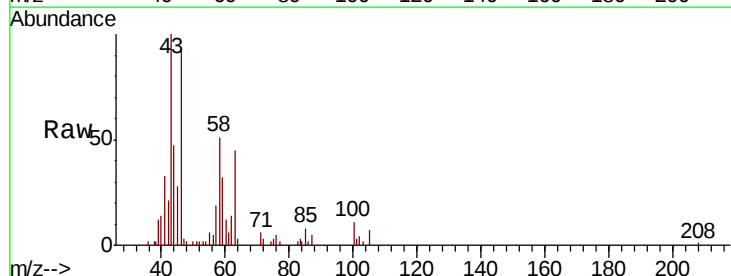
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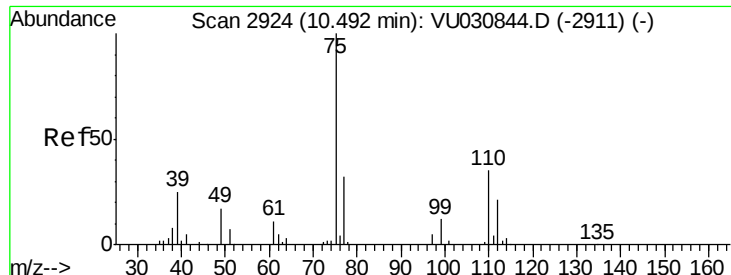
Tgt Ion: 63 Resp: 11853
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.931 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030846.D
 Acq: 07 Apr 2019 10:56

Tgt Ion: 43 Resp: 18507
 Ion Ratio Lower Upper
 43 100
 58 46.6 42.5 63.7
 57 19.2 13.9 20.9
 100 4.9 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 1.082 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030846.D

Acq: 07 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

BEZ79

Tgt Ion: 75 Resp: 13403

Ion Ratio Lower Upper

75 100

77 36.6 25.6 38.4

