

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030869.D
 Acq On : 07 Apr 2019 20:34
 Operator : JC/SP
 Sample : K2284-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA0

Quant Time: Apr 08 04:43:43 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	235400	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111386	6.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.80%
7) Chloroethane-d5	1.68	69	92347	6.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.40%
11) 1,1-Dichloroethene-d2	2.27	63	162252	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.19	46	302535	65.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.54%#
24) Chloroform-d	4.64	84	159475	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.31	65	104822	6.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.40%
32) Benzene-d6	5.33	84	351445	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.33	67	123038	5.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.00%
41) Toluene-d8	7.56	98	287658	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.85	79	41921	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
46) 2-Hexanone-d5	8.31	63	186860	54.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93848	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	98108	6.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.40%#

Target Compounds

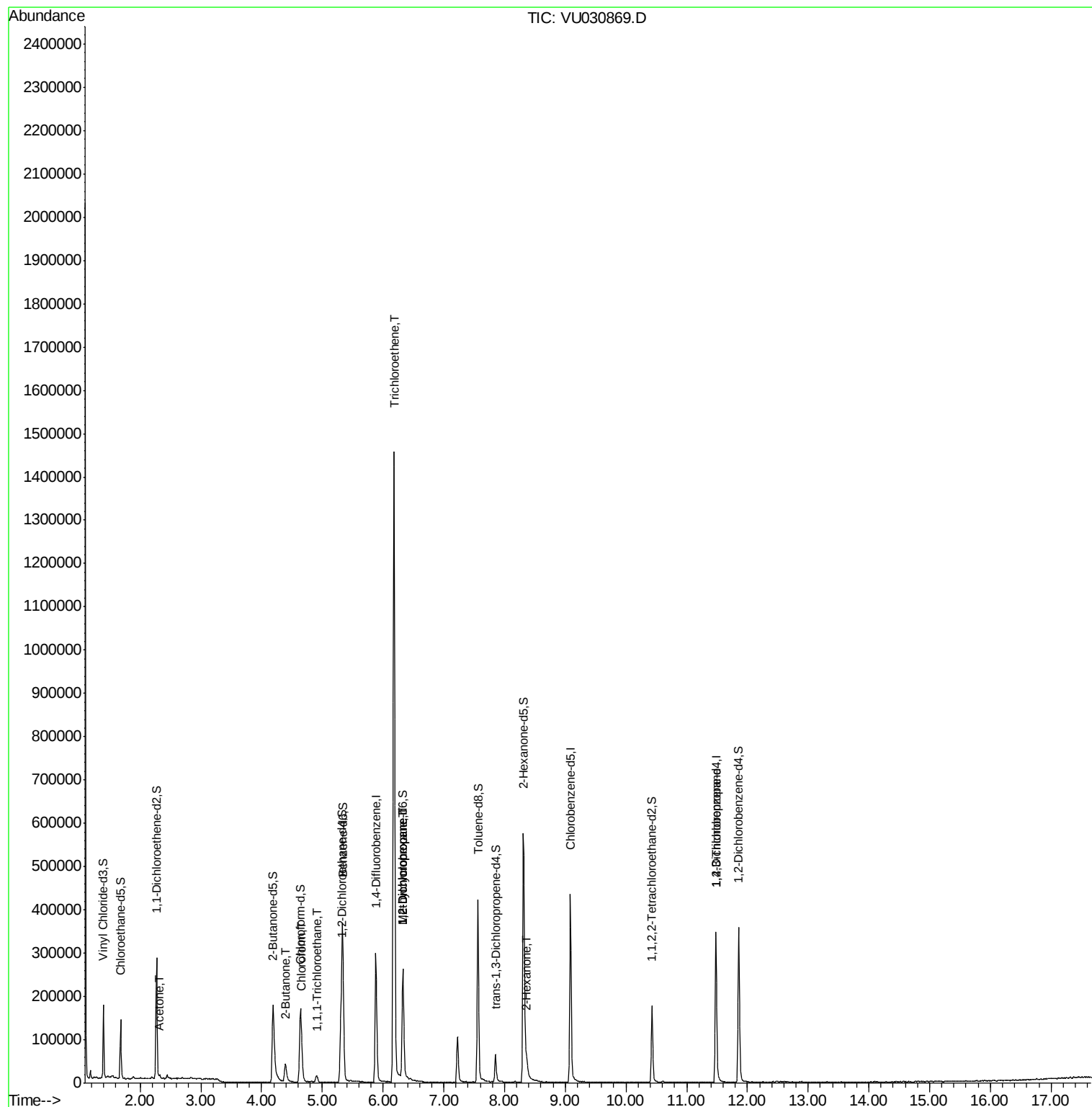
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	6549	1.827	ug/L	99
21) 2-Butanone	4.39	43	66969	11.791	ug/L #	54
25) Chloroform	4.67	83	25361	0.725	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	10908	0.357	ug/L	94
34) Trichloroethene	6.18	95	524008	25.774	ug/L	99
35) Methylcyclohexane	6.33	83	27711	0.854	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	13985	0.626	ug/L #	90
48) 2-Hexanone	8.37	43	23790	2.463	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	11504	0.921	ug/L	90

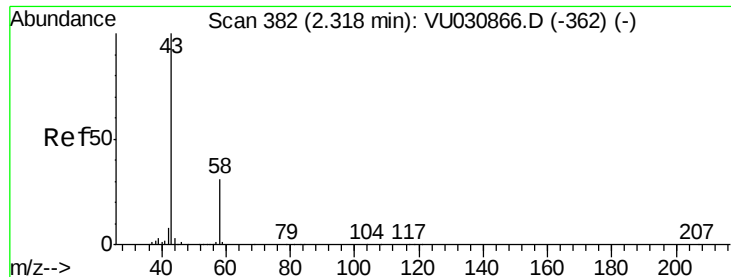
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.827 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.04 min

Lab File: VU030869.D

Acq: 07 Apr 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

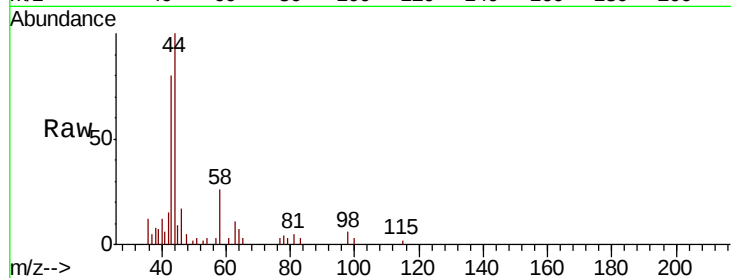
BEZA0

Tgt Ion: 43 Resp: 6549

Ion Ratio Lower Upper

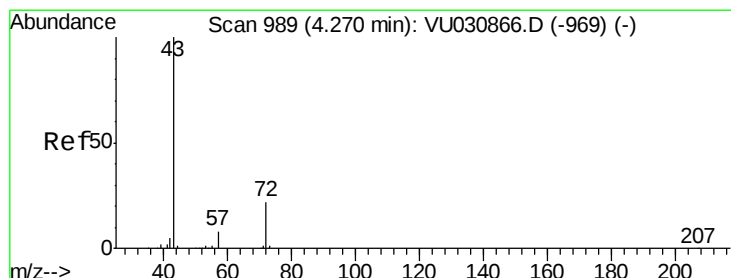
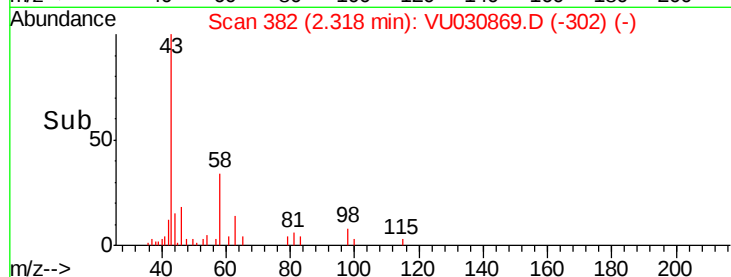
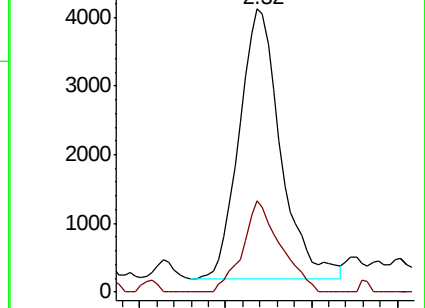
43 100

58 30.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030866.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU030866.D (-362) (-)



#21

2-Butanone

Concen: 11.791 ug/L

RT: 4.39 min Scan# 1027

Delta R.T. 0.09 min

Lab File: VU030869.D

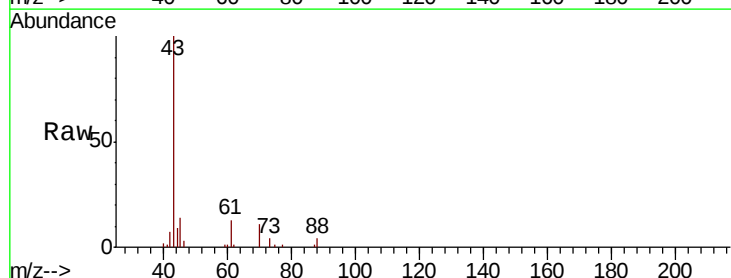
Acq: 07 Apr 2019 20:34

Tgt Ion: 43 Resp: 66969

Ion Ratio Lower Upper

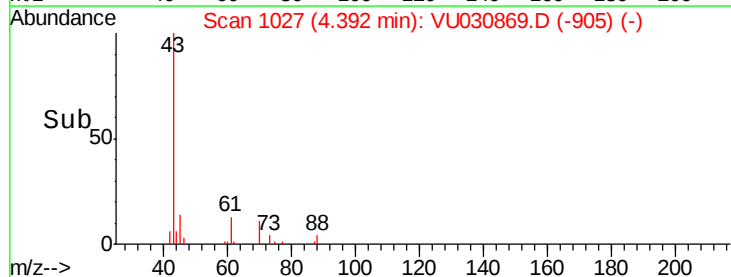
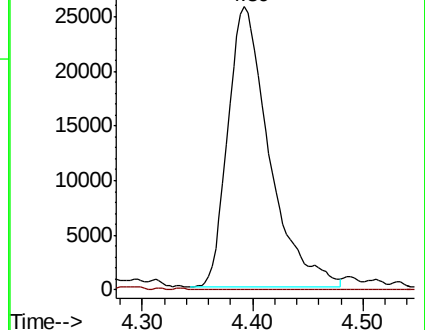
43 100

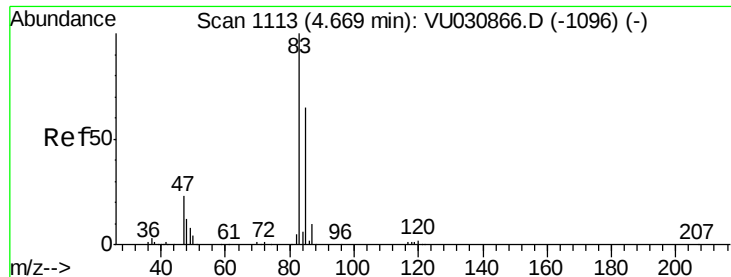
72 0.1 11.2 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU030866.D (-969) (-)

Ion 72.10 (71.80 to 72.80): VU030866.D (-969) (-)





#25

Chloroform

Concen: 0.725 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030869.D

Acq: 07 Apr 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

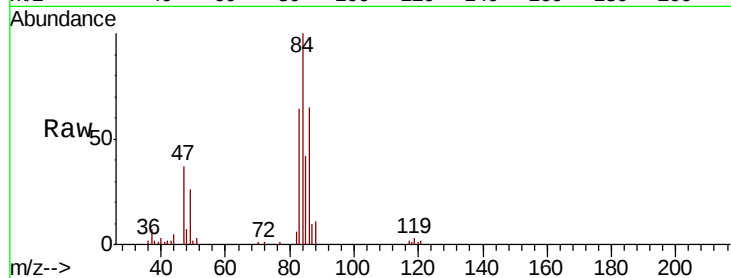
BEZA0

Tgt Ion: 83 Resp: 25361

Ion Ratio Lower Upper

83 100

85 65.2 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030866.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU030866.D (-1096) (-)

4.67

12000

10000

8000

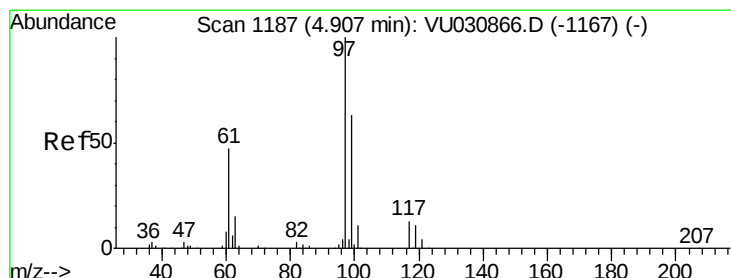
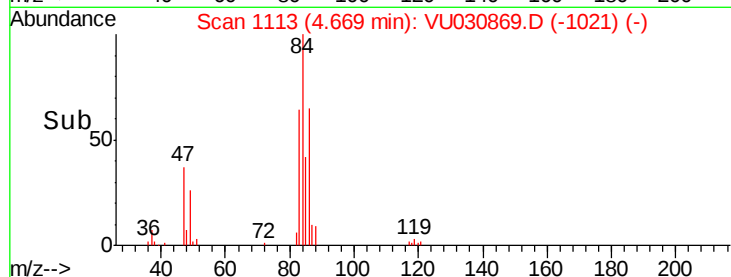
6000

4000

2000

0

Time-->



#29

1,1,1-Trichloroethane

Concen: 0.357 ug/L

RT: 4.91 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VU030869.D

Acq: 07 Apr 2019 20:34

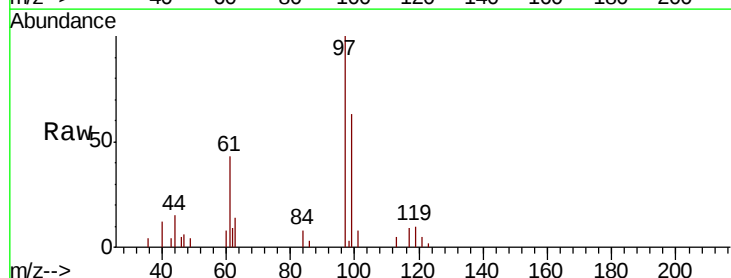
Tgt Ion: 97 Resp: 10908

Ion Ratio Lower Upper

97 100

99 68.6 51.8 77.6

61 52.7 38.1 57.1



Abundance Ion 96.95 (96.65 to 97.65): VU030866.D (-1167) (-)

Ion 99.05 (98.75 to 99.75): VU030866.D (-1167) (-)

Ion 61.05 (60.75 to 61.75): VU030866.D (-1167) (-)

4.91

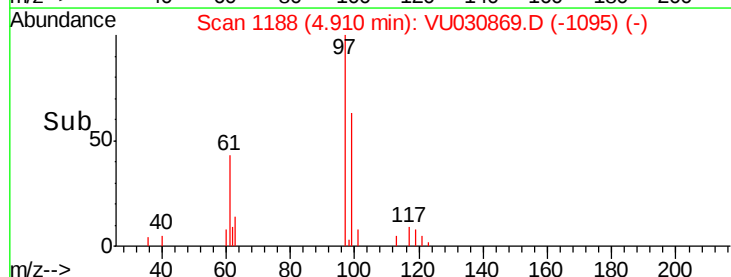
6000

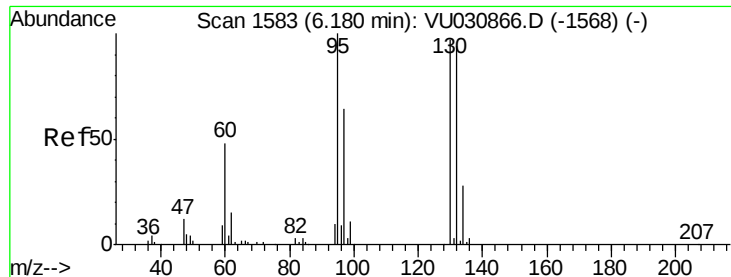
4000

2000

0

Time-->





#34

Trichloroethene

Concen: 25.774 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030869.D

Acq: 07 Apr 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

BEZA0

Tgt Ion: 95 Resp: 524008

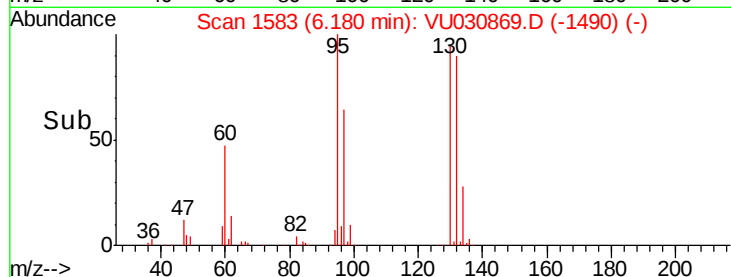
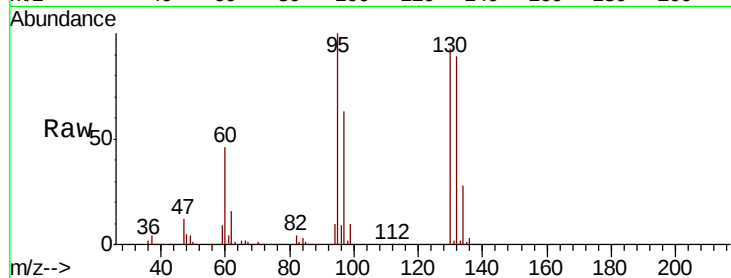
Ion Ratio Lower Upper

95 100

97 63.0 43.5 80.9

132 88.9 60.7 112.7

130 93.5 65.1 120.9

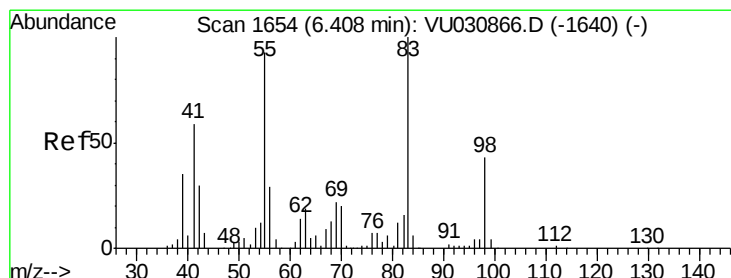
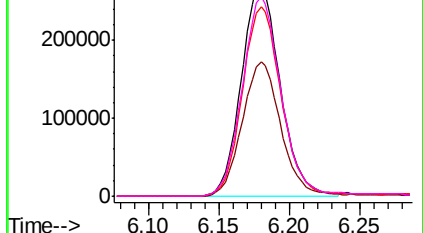


Abundance Ion 95.00 (94.70 to 95.70): VU030869.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU030869.D (-1490) (-)

Ion 131.95 (131.65 to 132.65): VU030869.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU030869.D (-1490) (-)



#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030869.D

Acq: 07 Apr 2019 20:34

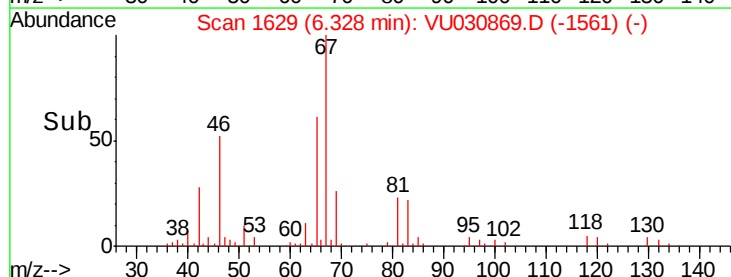
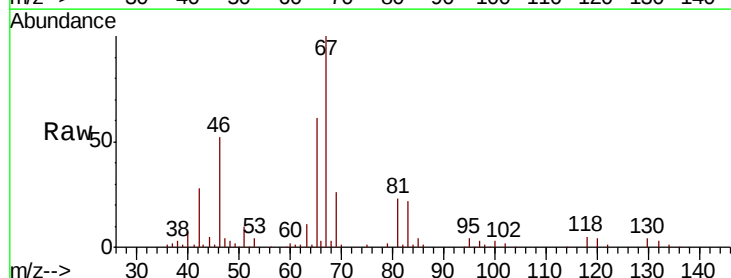
Tgt Ion: 83 Resp: 27711

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

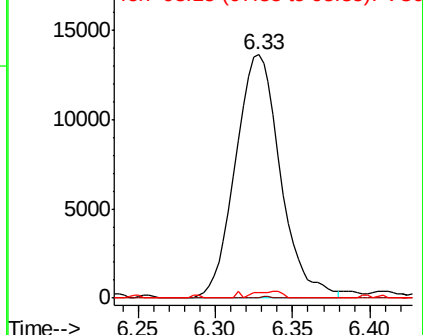
98 1.7 35.0 52.6#

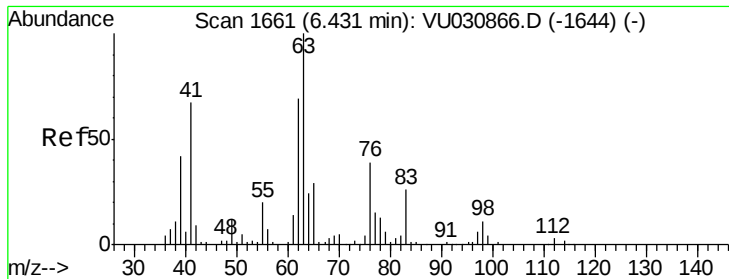


Abundance Ion 83.15 (82.85 to 83.85): VU030869.D (-1561) (-)

Ion 55.10 (54.80 to 55.80): VU030869.D (-1561) (-)

Ion 98.15 (97.85 to 98.85): VU030869.D (-1561) (-)

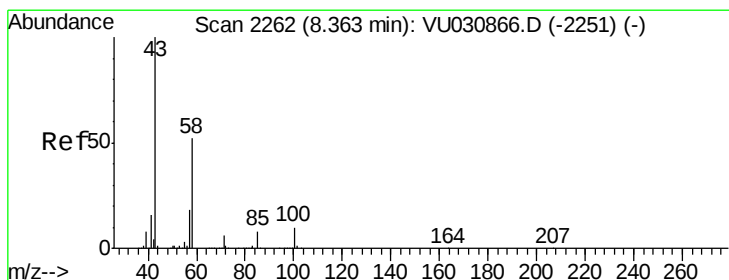
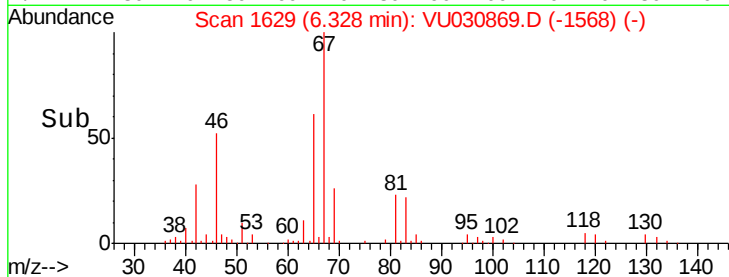
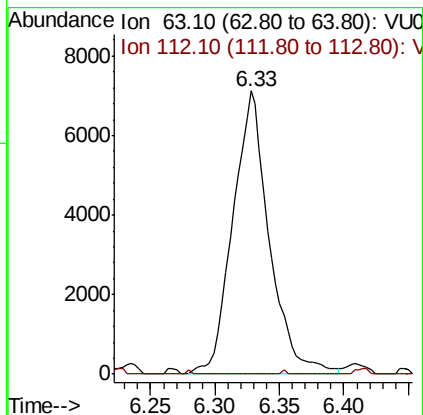
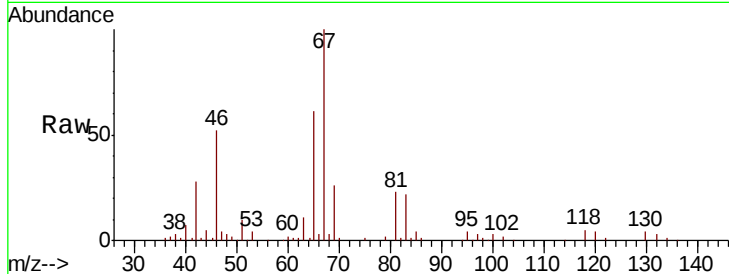




#37
 1,2-Dichloropropane
 Concen: 0.626 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030869.D
 Acq: 07 Apr 2019 20:34

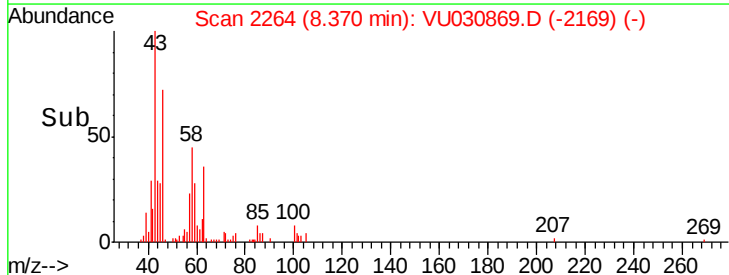
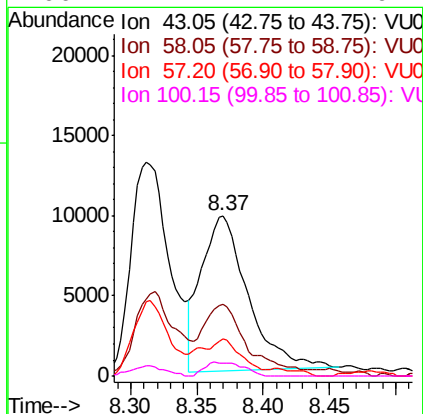
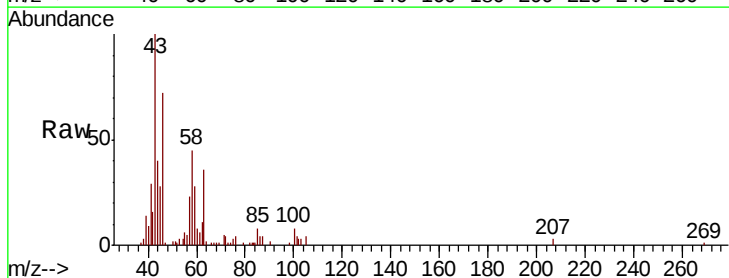
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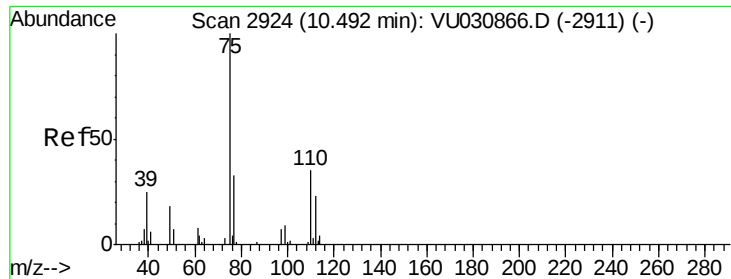
Tgt Ion: 63 Resp: 13985
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.8 4.2#



#48
 2-Hexanone
 Concen: 2.463 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030869.D
 Acq: 07 Apr 2019 20:34

Tgt Ion: 43 Resp: 23790
 Ion Ratio Lower Upper
 43 100
 58 38.2 42.5 63.7#
 57 15.9 13.9 20.9
 100 7.4 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 0.921 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030869.D

Acq: 07 Apr 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

BEZA0

Tgt Ion: 75 Resp: 11504

Ion Ratio Lower Upper

75 100

77 37.5 25.6 38.4

