

Data File : VU030829.D
Acq On : 07 Apr 2019 02:38
Operator : JC/SP
Sample : K2260-04DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ56DL

Quant Time: Apr 08 07:09:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	462599	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186669	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216349	52.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.78%
7) Chloroethane-d5	1.68	69	166982	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.56%
11) 1,1-Dichloroethene-d2	2.27	63	296138	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
21) 2-Butanone-d5	4.17	46	341289	104.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.28%
24) Chloroform-d	4.64	84	317175	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	5.31	65	227200	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.56%
32) Benzene-d6	5.33	84	673037	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
36) 1,2-Dichloropropane-d6	6.33	67	231498	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.58%
41) Toluene-d8	7.56	98	563534	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%
43) trans-1,3-Dichloropropene-	7.85	79	96949	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.31	63	199582	94.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305974	49.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	189534	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%

Target Compounds

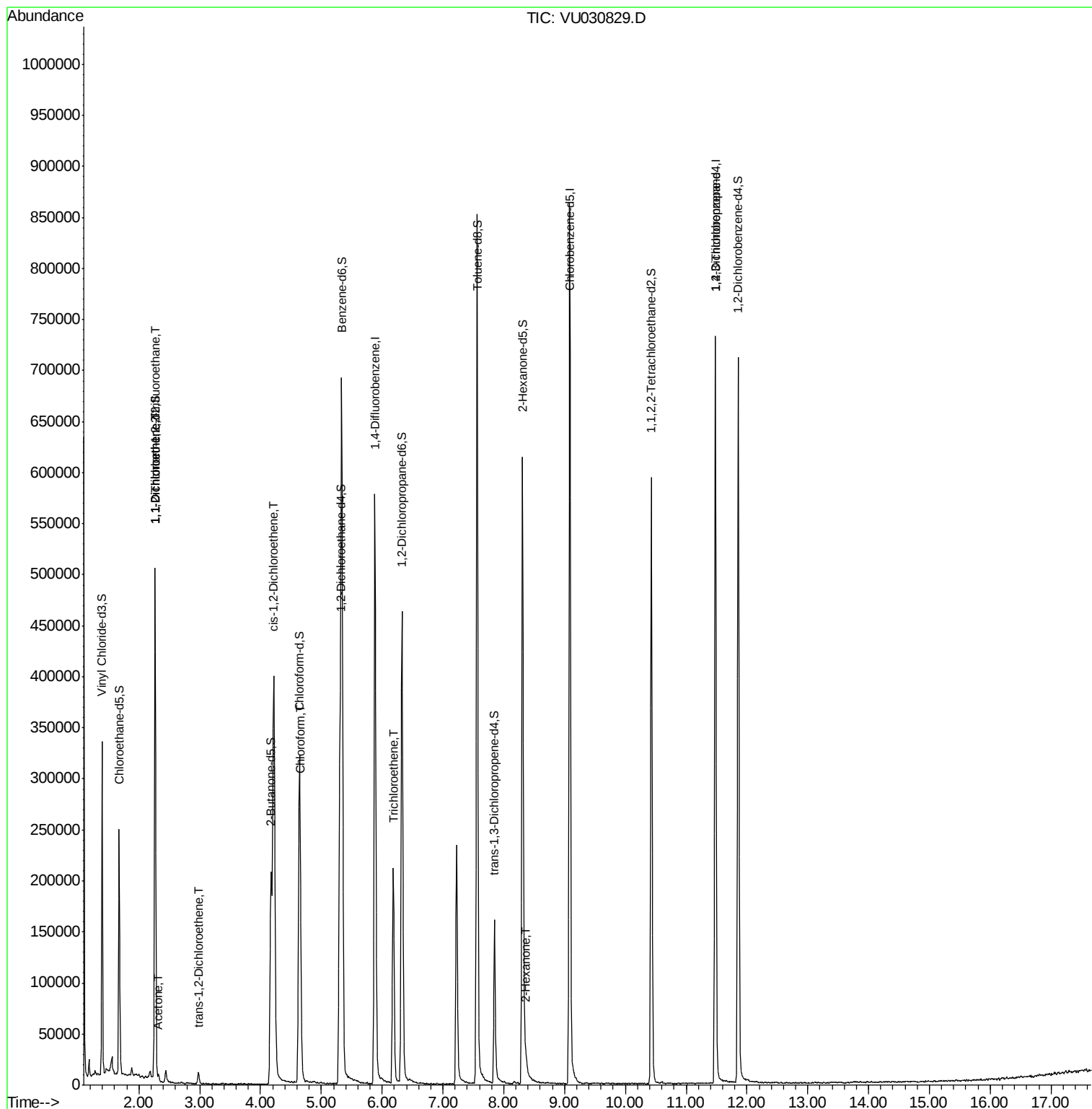
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2375	0.717	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	3147	0.984	ug/L #	1
13) Acetone	2.32	43	2816	0.841	ug/L	83
17) trans-1,2-Dichloroethene	2.97	96	2150	0.633	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	207385	55.318	ug/L	99
25) Chloroform	4.66	83	17947	2.548	ug/L	93
34) Trichloroethene	6.18	95	78611	21.286	ug/L	96
48) 2-Hexanone	8.37	43	7959	1.488	ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	23388	4.580	ug/L	89

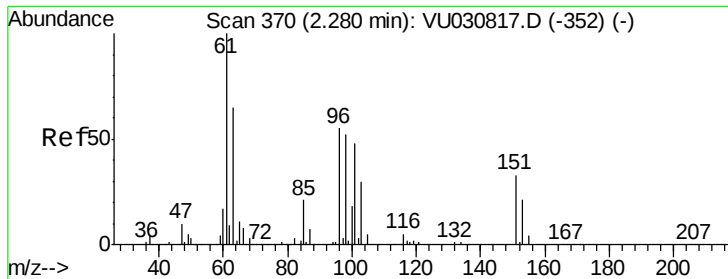
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.717 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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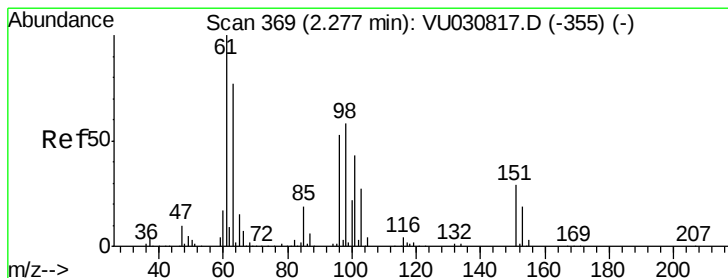
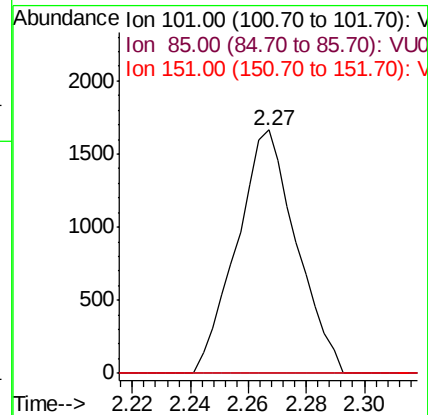
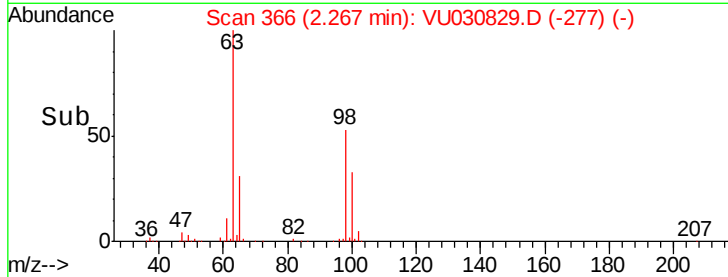
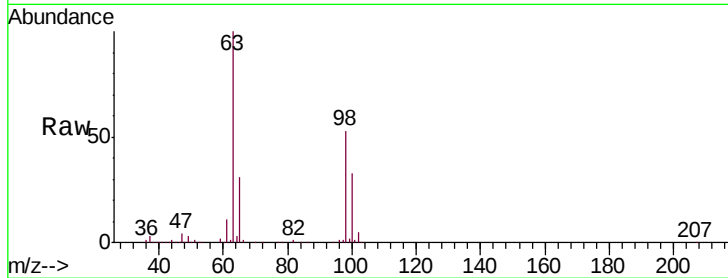
Tgt Ion: 101 Resp: 2375

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.984 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030829.D

Acq: 07 Apr 2019 02:38

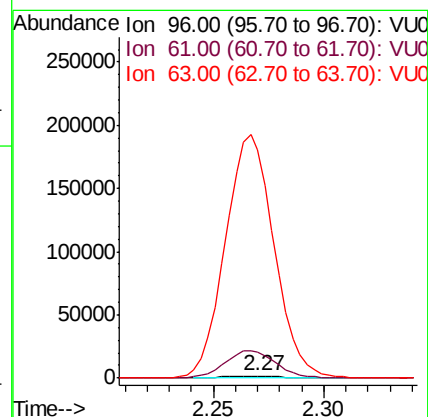
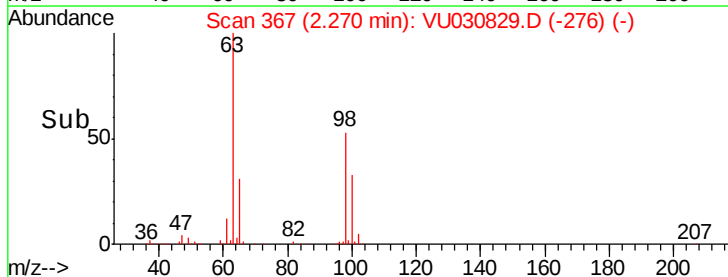
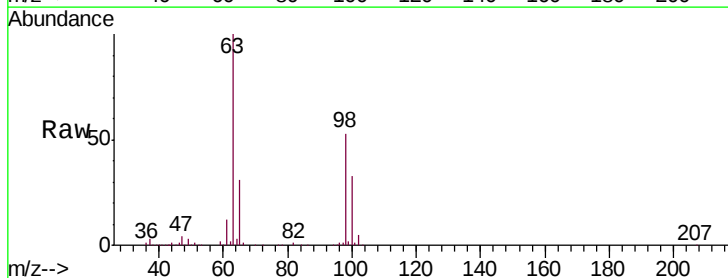
Tgt Ion: 96 Resp: 3147

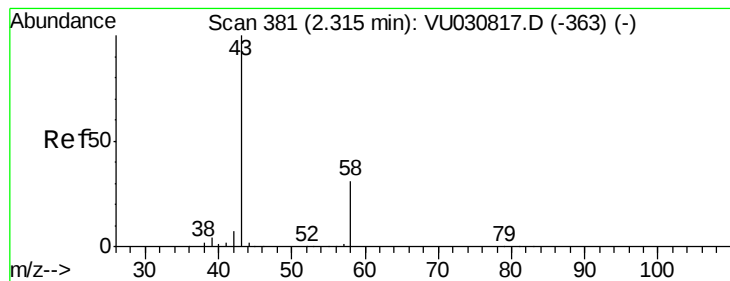
Ion Ratio Lower Upper

96 100

61 1194.9 132.0 245.2#

63 10365.9 90.9 168.9#





#13

Acetone

Concen: 0.841 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU030829.D

Acq: 07 Apr 2019 02:38

Instrument :

MSVOA_U

ClientSampleId :

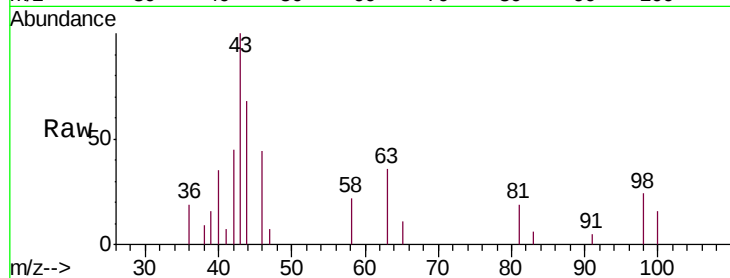
ETJ56DL

Tgt Ion: 43 Resp: 2816

Ion Ratio Lower Upper

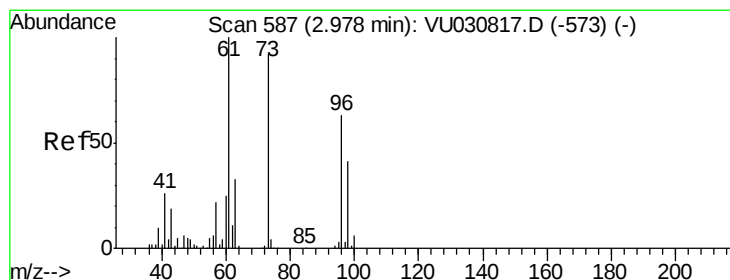
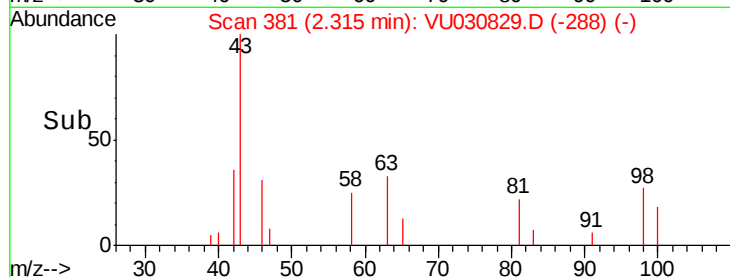
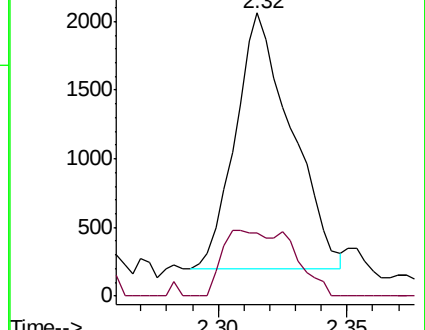
43 100

58 22.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030829.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030829.D (-288) (-)



#17

trans-1,2-Dichloroethene

Concen: 0.633 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU030829.D

Acq: 07 Apr 2019 02:38

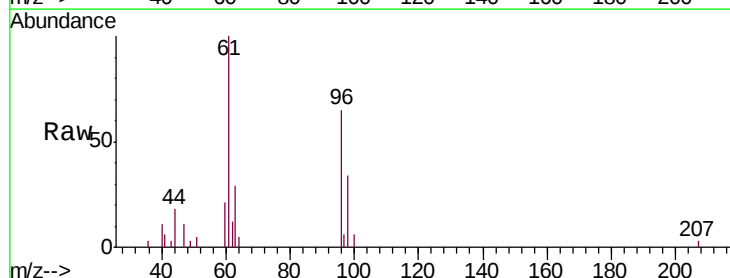
Tgt Ion: 96 Resp: 2150

Ion Ratio Lower Upper

96 100

61 154.6 109.5 203.3

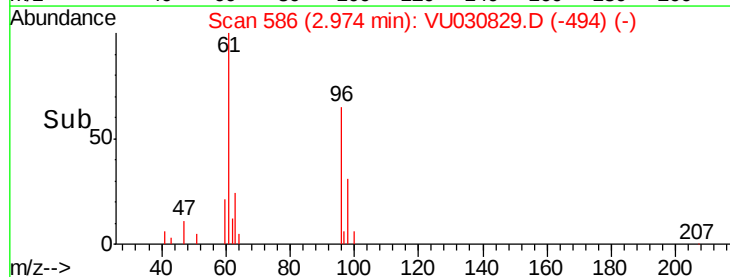
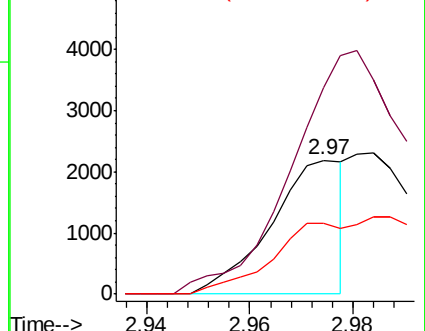
98 52.9 44.0 81.6

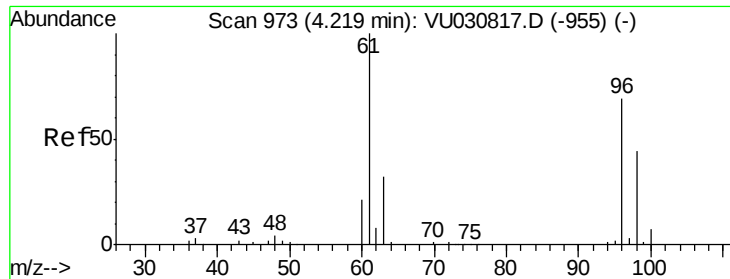


Abundance Ion 96.00 (95.70 to 96.70): VU030829.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU030829.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU030829.D (-494) (-)

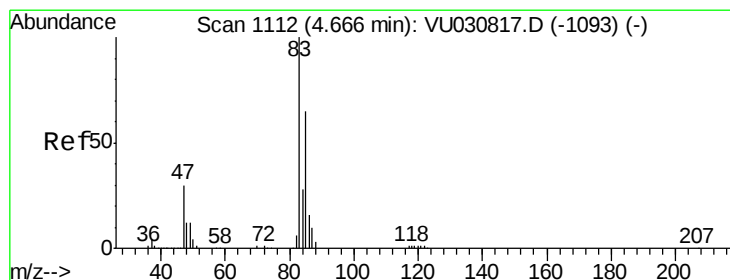
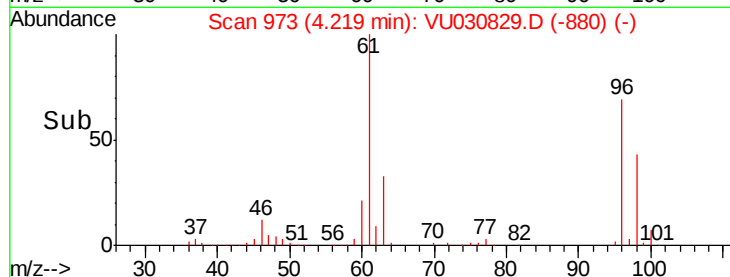
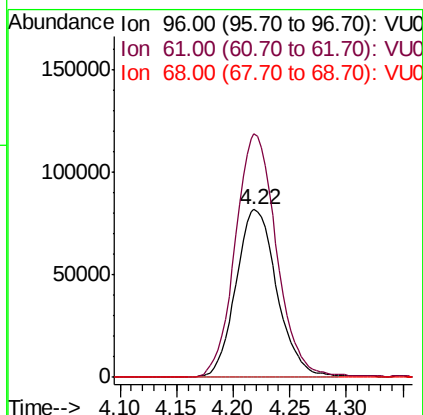
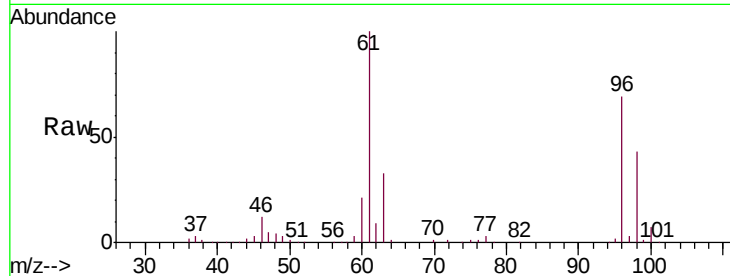




#20
 cis-1,2-Dichloroethene
 Concen: 55.318 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030829.D
 Acq: 07 Apr 2019 02:38

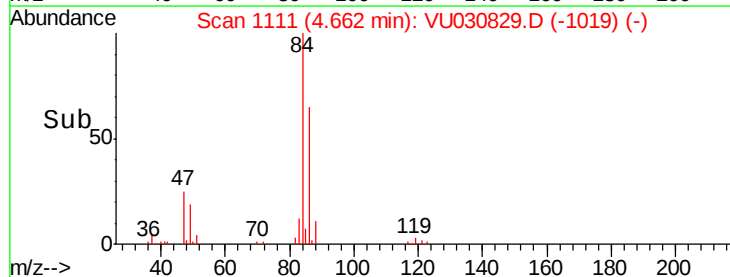
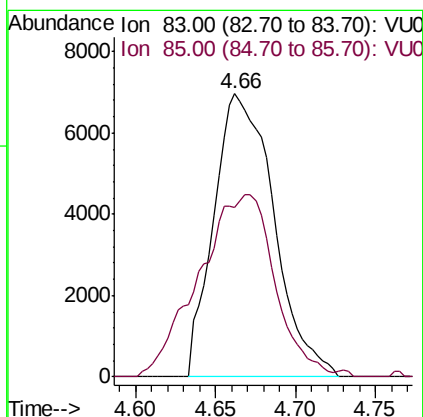
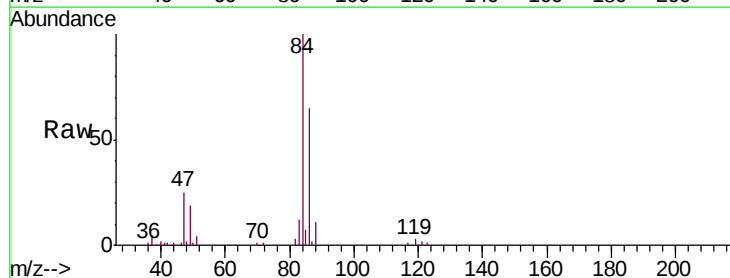
Instrument :
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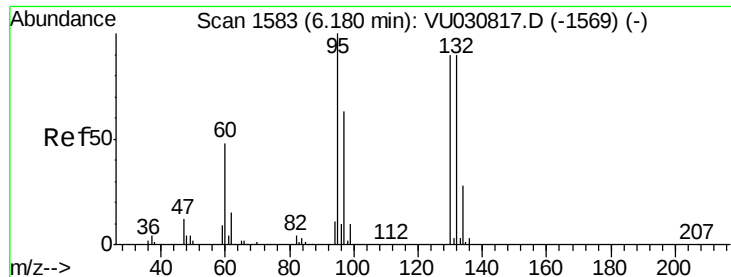
Tgt Ion: 96 Resp: 207385
 Ion Ratio Lower Upper
 96 100
 61 145.2 102.9 191.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.548 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VU030829.D
 Acq: 07 Apr 2019 02:38

Tgt Ion: 83 Resp: 17947
 Ion Ratio Lower Upper
 83 100
 85 60.0 45.8 85.0





#34

Trichloroethene

Concen: 21.286 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030829.D

Acq: 07 Apr 2019 02:38

Instrument :

MSVOA_U

ClientSampleId :

ETJ56DL

Tgt Ion: 95 Resp: 78611

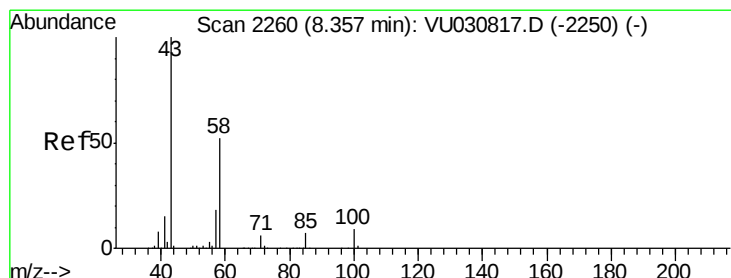
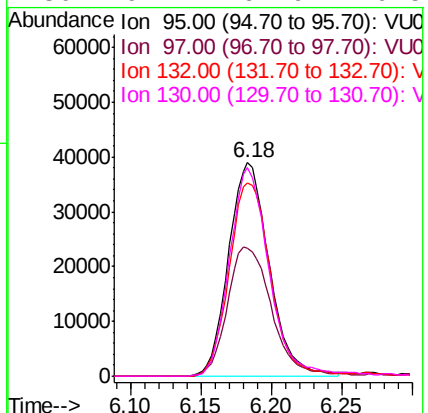
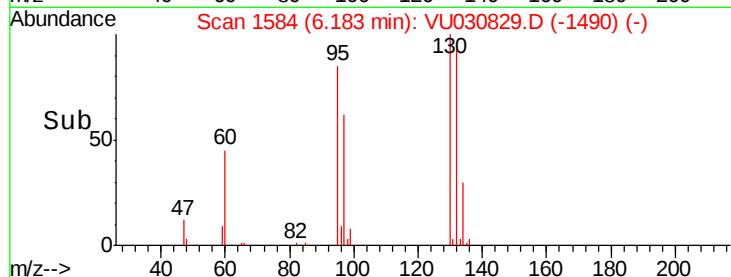
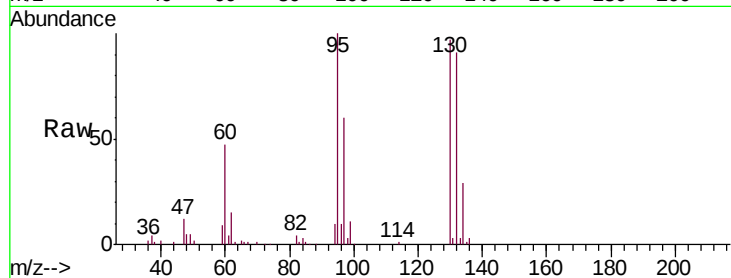
Ion Ratio Lower Upper

95 100

97 60.1 44.5 82.7

132 90.7 61.5 114.1

130 97.4 64.9 120.5



#48

2-Hexanone

Concen: 1.488 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU030829.D

Acq: 07 Apr 2019 02:38

Tgt Ion: 43 Resp: 7959

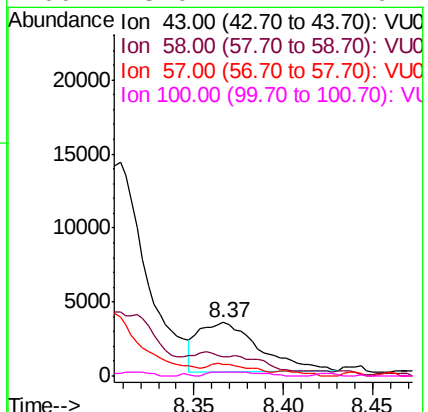
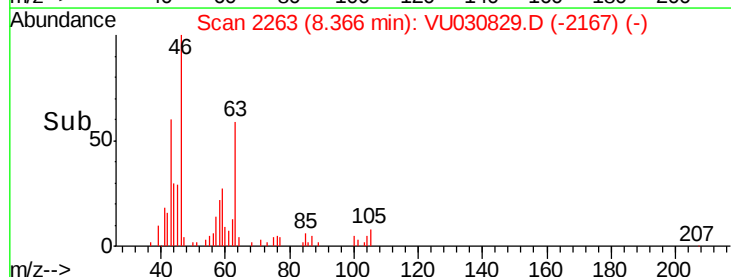
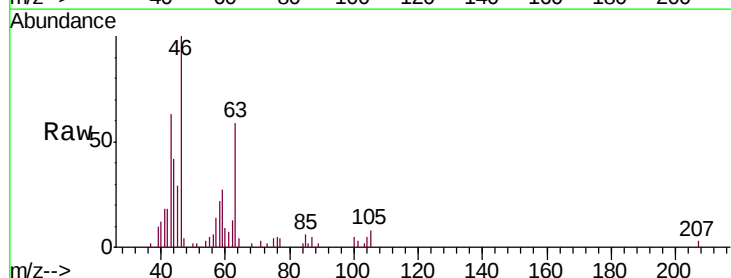
Ion Ratio Lower Upper

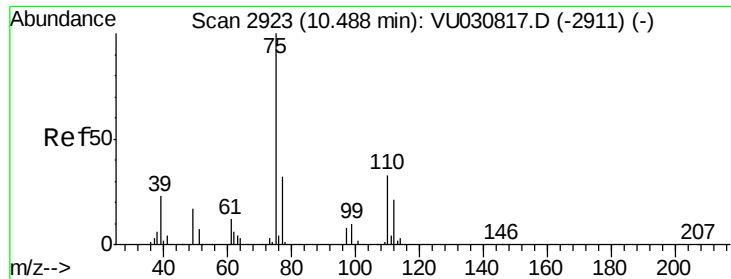
43 100

58 0.0 41.9 62.9#

57 14.7 14.3 21.5

100 3.0 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.580 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030829.D

Acq: 07 Apr 2019 02:38

Instrument :

MSVOA_U

ClientSampleId :

ETJ56DL

Tgt Ion: 75 Resp: 23388

Ion Ratio Lower Upper

75 100

77 39.0 26.1 39.1

