

Data File : VU030901.D
Acq On : 08 Apr 2019 13:28
Operator : JC/SP
Sample : K2277-07MEDL 5X
Misc : 5.52g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF169MEDL

Quant Time: Apr 09 02:20:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	536787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	527803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219523	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	201457	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.08%
7) Chloroethane-d5	1.65	69	169504	46.61	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.22%
11) 1,1-Dichloroethene-d2	2.26	63	301743	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	4.17	46	405385	106.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.64	84	360089	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
26) 1,2-Dichloroethane-d4	5.30	65	261562	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
32) Benzene-d6	5.33	84	746434	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.32	67	262569	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.46%
41) Toluene-d8	7.56	98	631686	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.85	79	114136	47.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.80%
47) 2-Hexanone-d5	8.31	63	250203	103.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	368669	51.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	225482	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2477	0.644 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	3335	0.899 ug/L #	1
13) Acetone	2.32	43	1882	0.484 ug/L	83
20) cis-1,2-Dichloroethene	4.22	96	12863	2.957 ug/L	87
25) Chloroform	4.67	83	20691	2.532 ug/L	91
34) Trichloroethene	6.18	95	11823	2.791 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	4504	0.734 ug/L	85
45) 1,1,2-Trichloroethane	8.22	97	1628	0.392 ug/L #	1
46) Tetrachloroethene	8.22	164	151697	49.254 ug/L	98

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

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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BF169MEDL

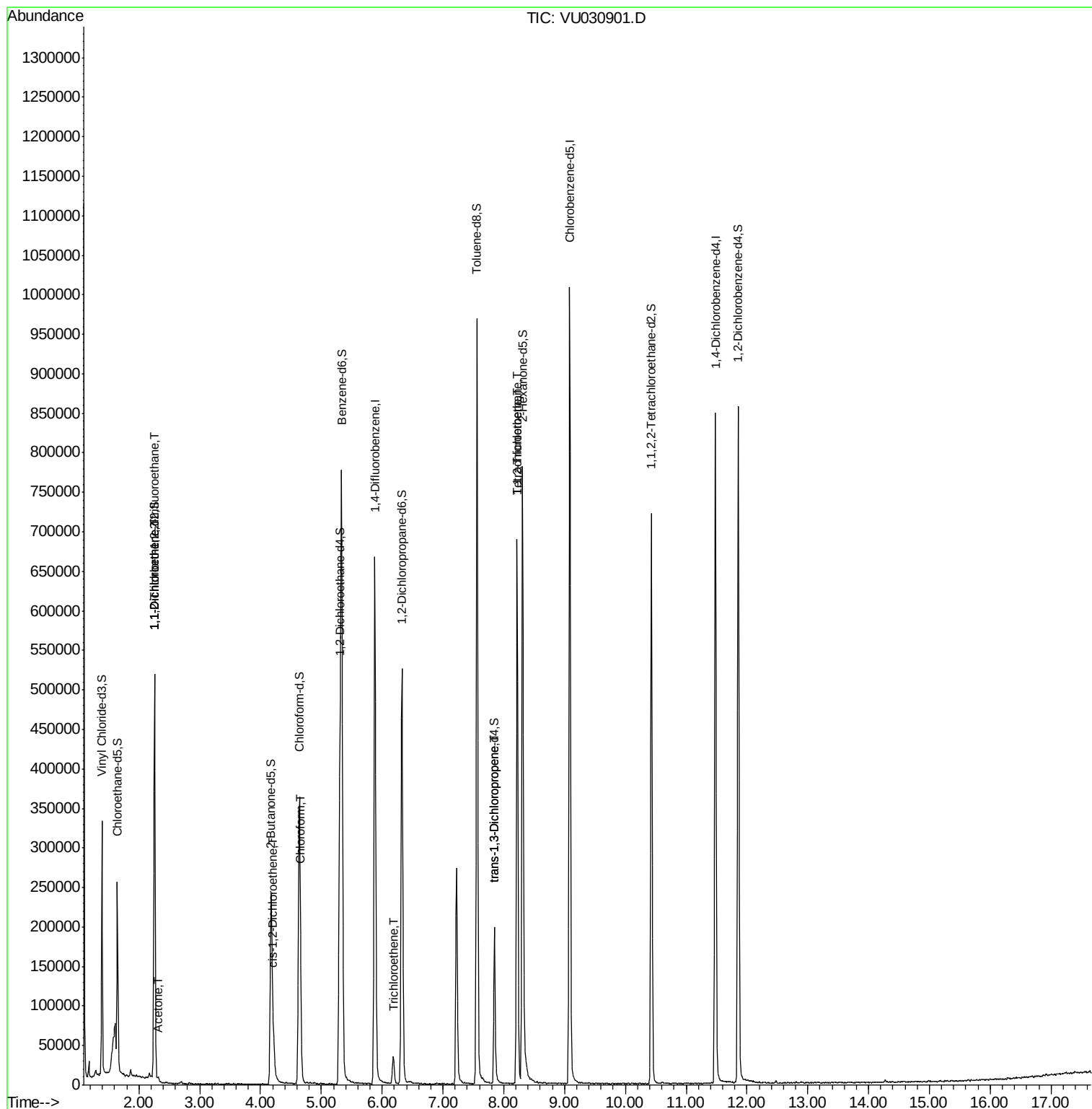
Quant Time: Apr 09 02:20:22 2019

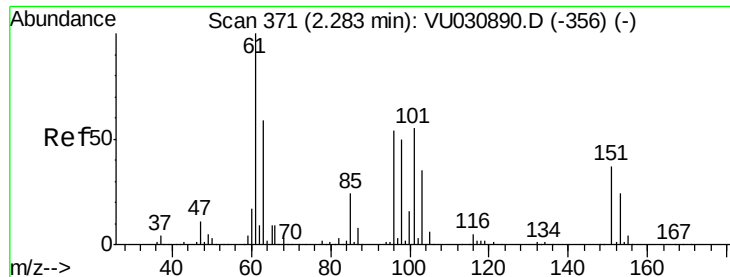
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:16:31 2019

Response via : Initial Calibration





#10

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

Concen: 0.644 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

BF169MEDL

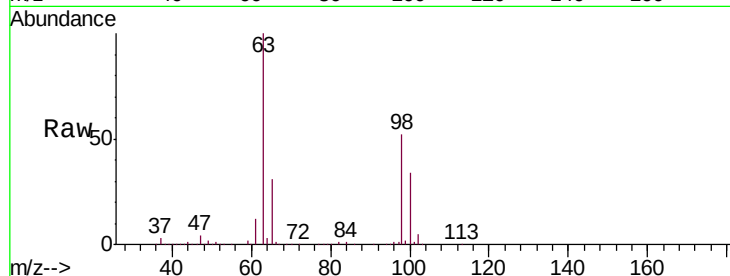
Tgt Ion: 101 Resp: 2477

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

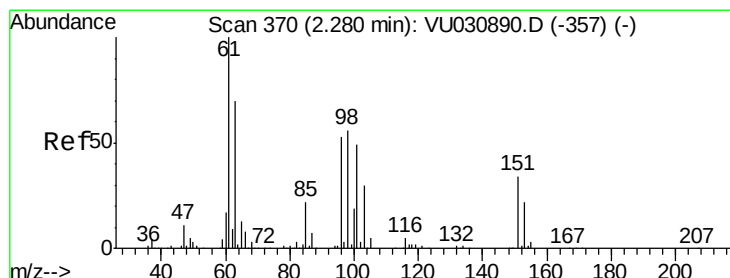
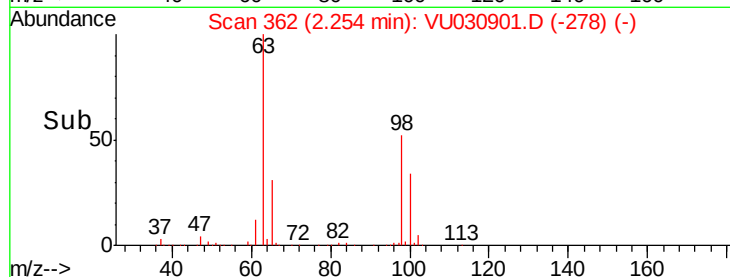
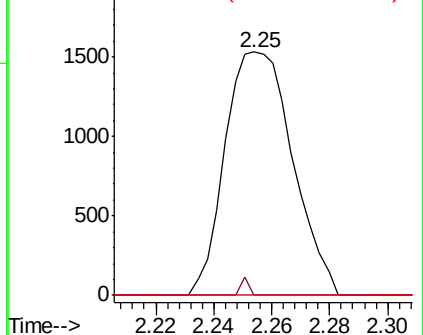
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.899 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU030901.D

Acq: 08 Apr 2019 13:28

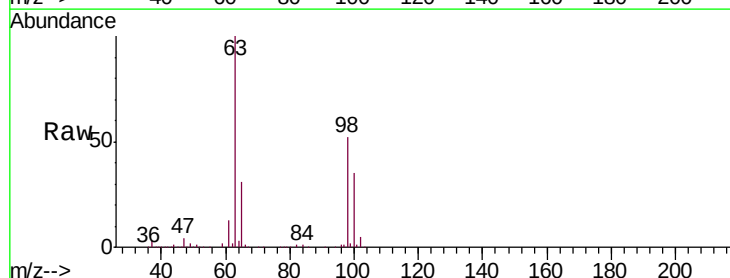
Tgt Ion: 96 Resp: 3335

Ion Ratio Lower Upper

96 100

61 1385.2 132.0 245.2#

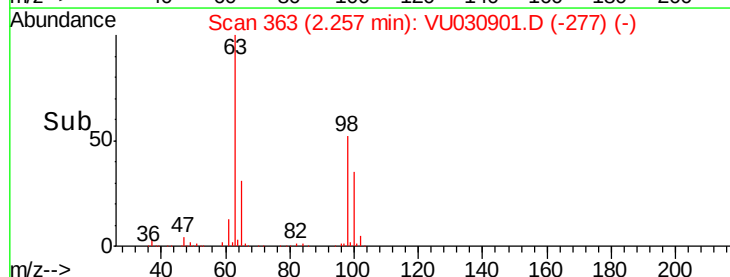
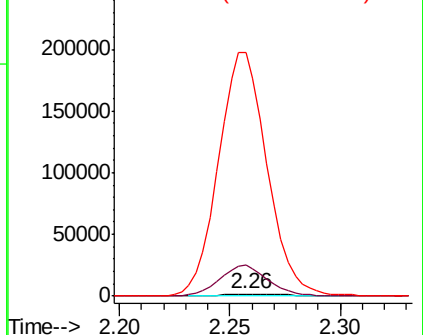
63 10992.3 90.9 168.9#

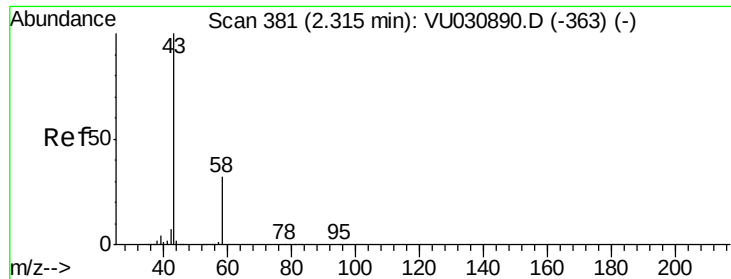


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.484 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030901.D

Acq: 08 Apr 2019 13:28

Instrument :

MSVOA_U

ClientSampleID :

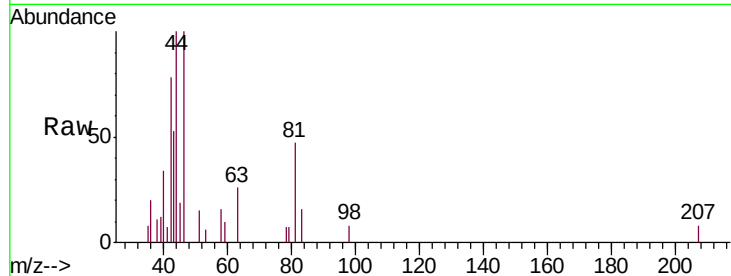
BF169MEDL

Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

58 22.4 0.0 64.0

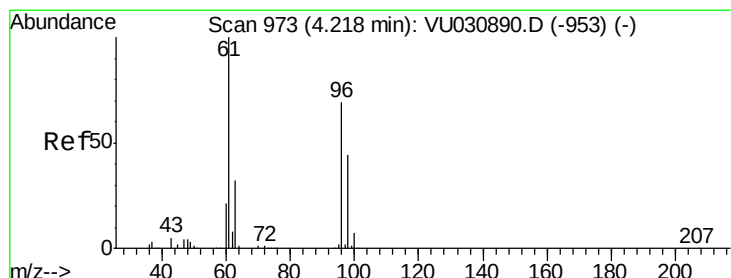
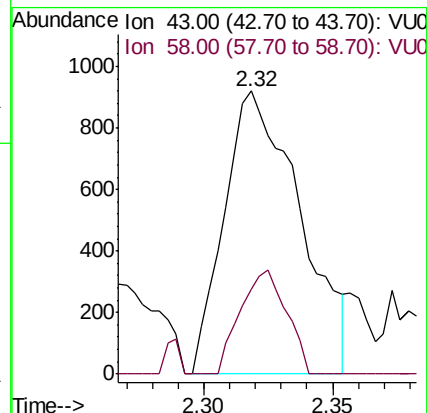
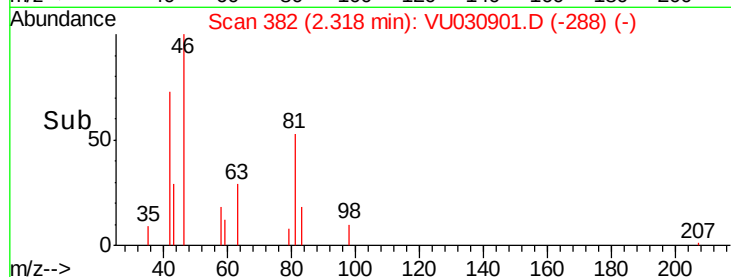


Abundance Ion 43.00 (42.70 to 43.70): VU030890.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030890.D (-363) (-)

2.32

2.35



#20

cis-1,2-Dichloroethene

Concen: 2.957 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU030901.D

Acq: 08 Apr 2019 13:28

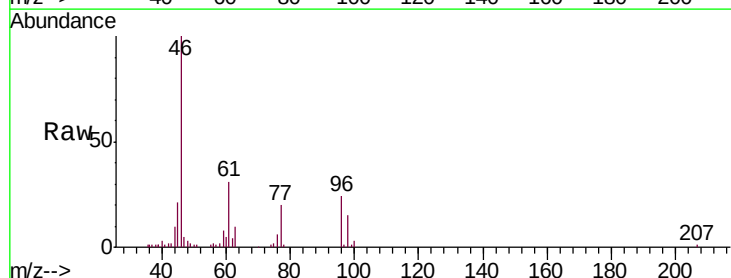
Tgt Ion: 96 Resp: 12863

Ion Ratio Lower Upper

96 100

61 131.1 102.9 191.1

68 0.0 0.0 0.0



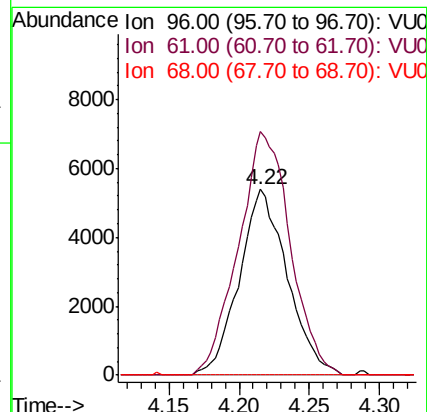
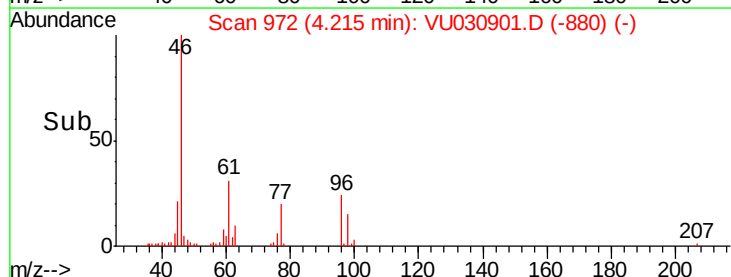
Abundance Ion 96.00 (95.70 to 96.70): VU030890.D (-953) (-)

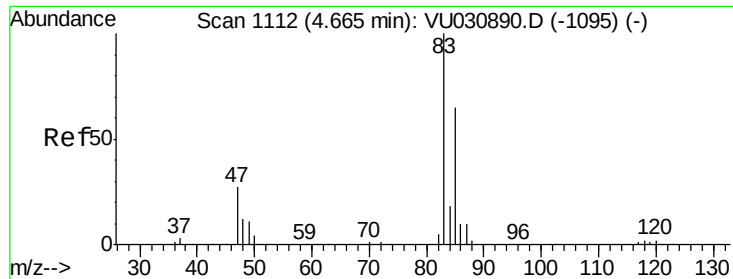
Ion 61.00 (60.70 to 61.70): VU030890.D (-953) (-)

Ion 68.00 (67.70 to 68.70): VU030890.D (-953) (-)

4.22

4.30

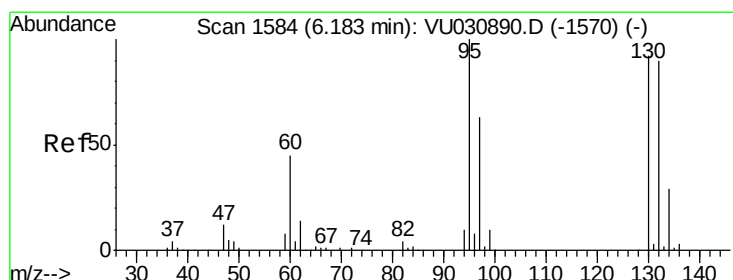
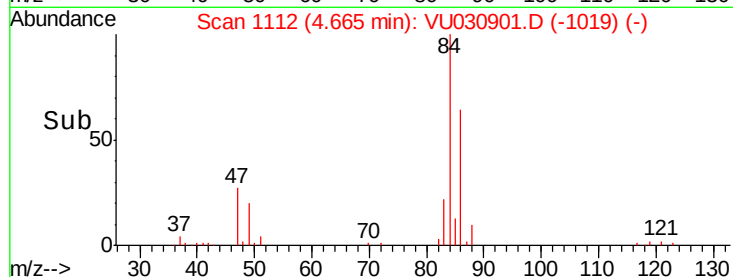
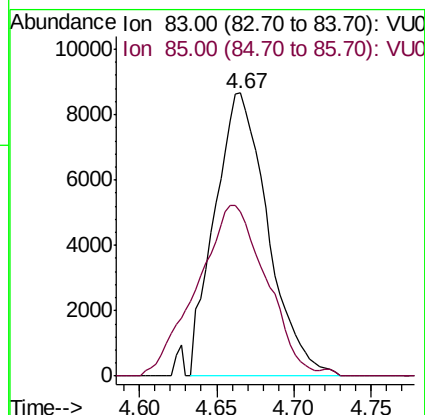
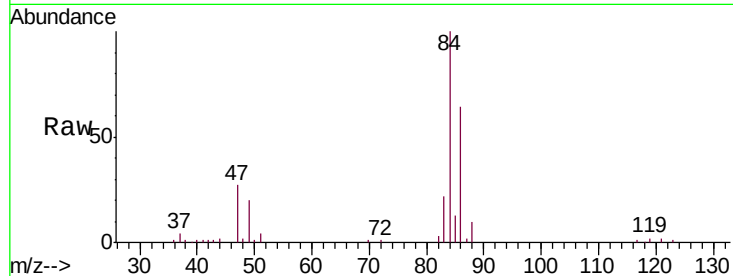




#25
Chloroform
Concen: 2.532 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030901.D
Acq: 08 Apr 2019 13:28

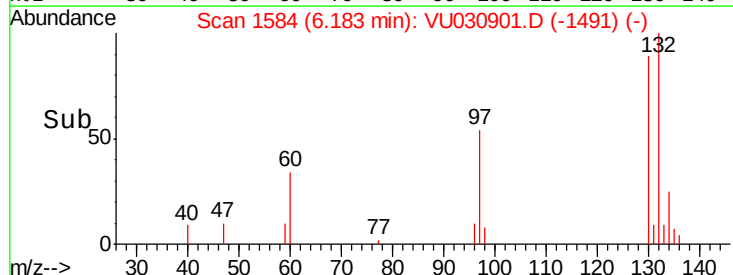
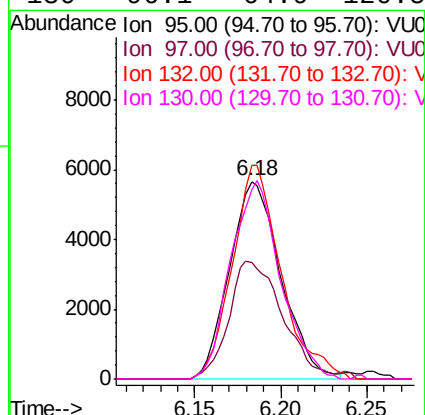
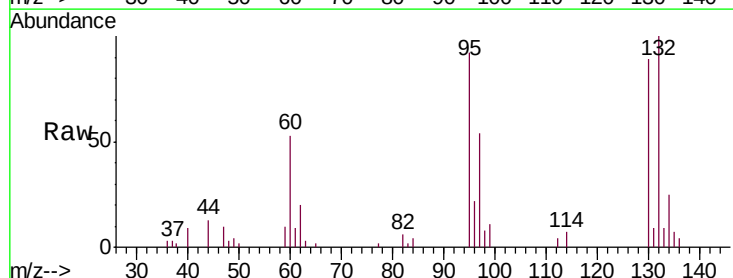
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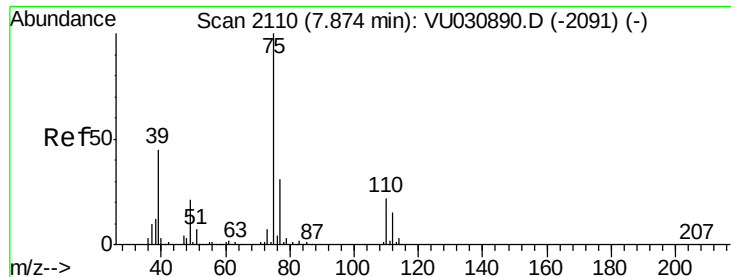
Tgt Ion: 83 Resp: 20691
Ion Ratio Lower Upper
83 100
85 58.2 45.8 85.0



#34
Trichloroethene
Concen: 2.791 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU030901.D
Acq: 08 Apr 2019 13:28

Tgt Ion: 95 Resp: 11823
Ion Ratio Lower Upper
95 100
97 58.9 44.5 82.7
132 108.3 61.5 114.1
130 96.1 64.9 120.5





#44

trans-1,3-Dichloropropene

Concen: 0.734 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030901.D

Acq: 08 Apr 2019 13:28

Instrument :

MSVOA_U

ClientSampleId :

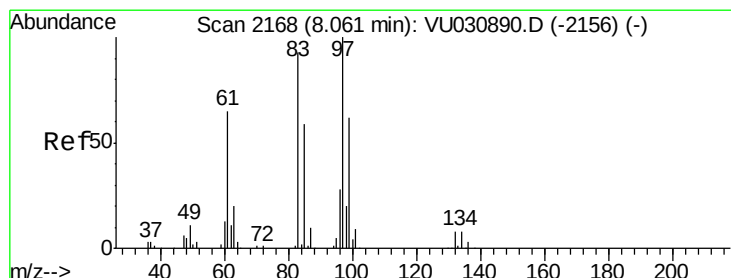
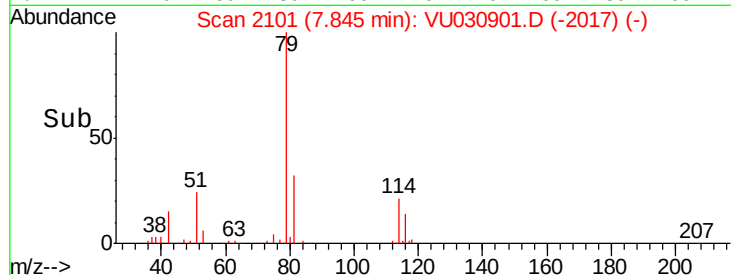
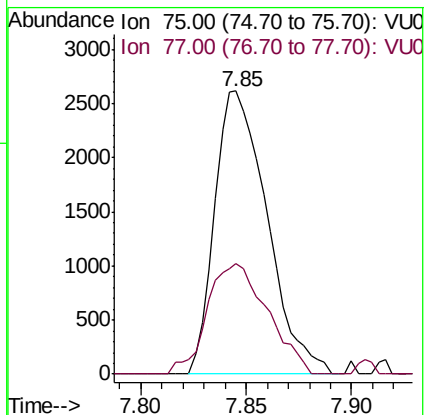
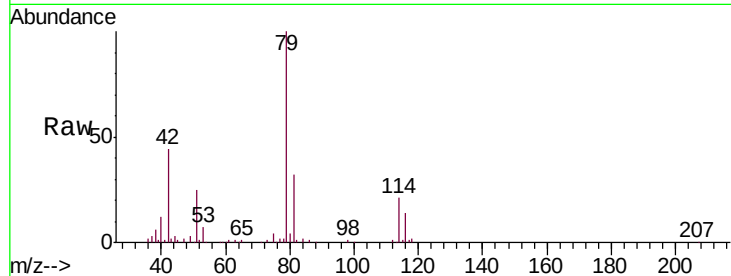
BF169MEDL

Tgt Ion: 75 Resp: 4504

Ion Ratio Lower Upper

75 100

77 39.1 21.6 40.0



#45

1,1,2-Trichloroethane

Concen: 0.392 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.16 min

Lab File: VU030901.D

Acq: 08 Apr 2019 13:28

Tgt Ion: 97 Resp: 1628

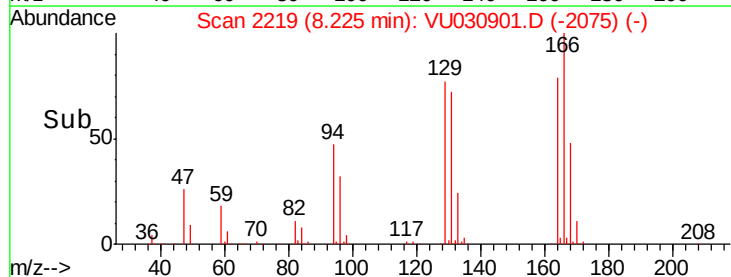
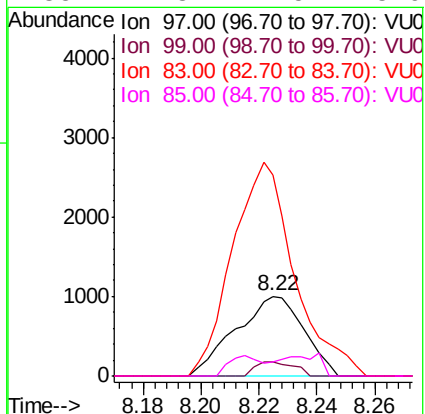
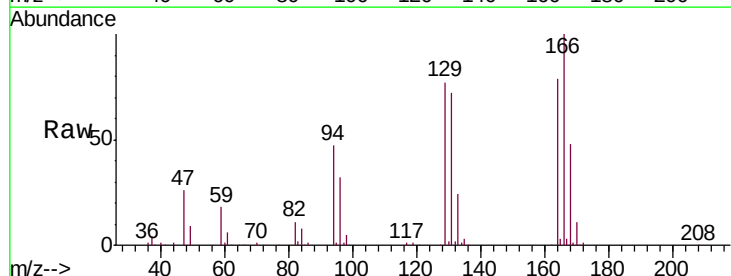
Ion Ratio Lower Upper

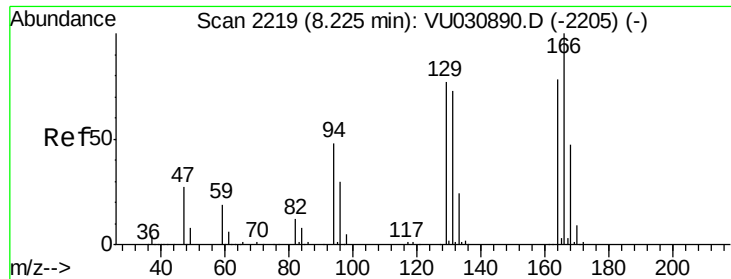
97 100

99 17.1 44.0 81.8#

83 252.0 65.3 121.3#

85 17.8 42.5 78.9#





#46

Tetrachloroethene

Concen: 49.254 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030901.D

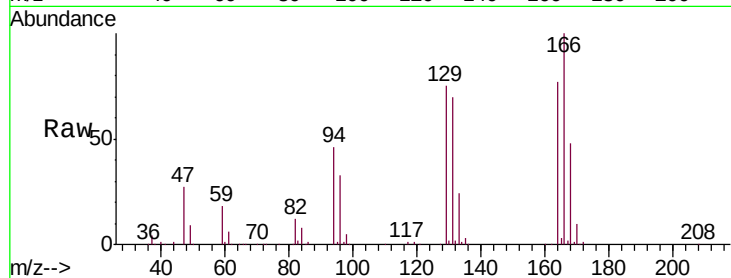
Acq: 08 Apr 2019 13:28

Instrument :

MSVOA_U

ClientSampleId :

BF169MEDL



Tgt Ion:164 Resp: 151697

Ion Ratio Lower Upper

164 100

129 97.6 67.4 125.2

131 91.1 65.9 122.5

166 129.4 88.6 164.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

