

Data File : VU030899.D
Acq On : 08 Apr 2019 12:42
Operator : JC/SP
Sample : K2277-09ME
Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF172ME

Quant Time: Apr 09 02:19:58 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	510948	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231034	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	177785	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.96%
7) Chloroethane-d5	1.71	69	994	0.29	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.58%#
11) 1,1-Dichloroethene-d2	2.23	63	288048	34.92	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.84%
21) 2-Butanone-d5	4.19	46	367651	101.70	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.64	84	344049	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.30	65	254665	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.14%
32) Benzene-d6	5.33	84	703090	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.32	67	250016	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.56	98	611663	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.85	79	110667	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.32	63	266662	113.60	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	385214	55.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	241545	53.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.32%

Target Compounds

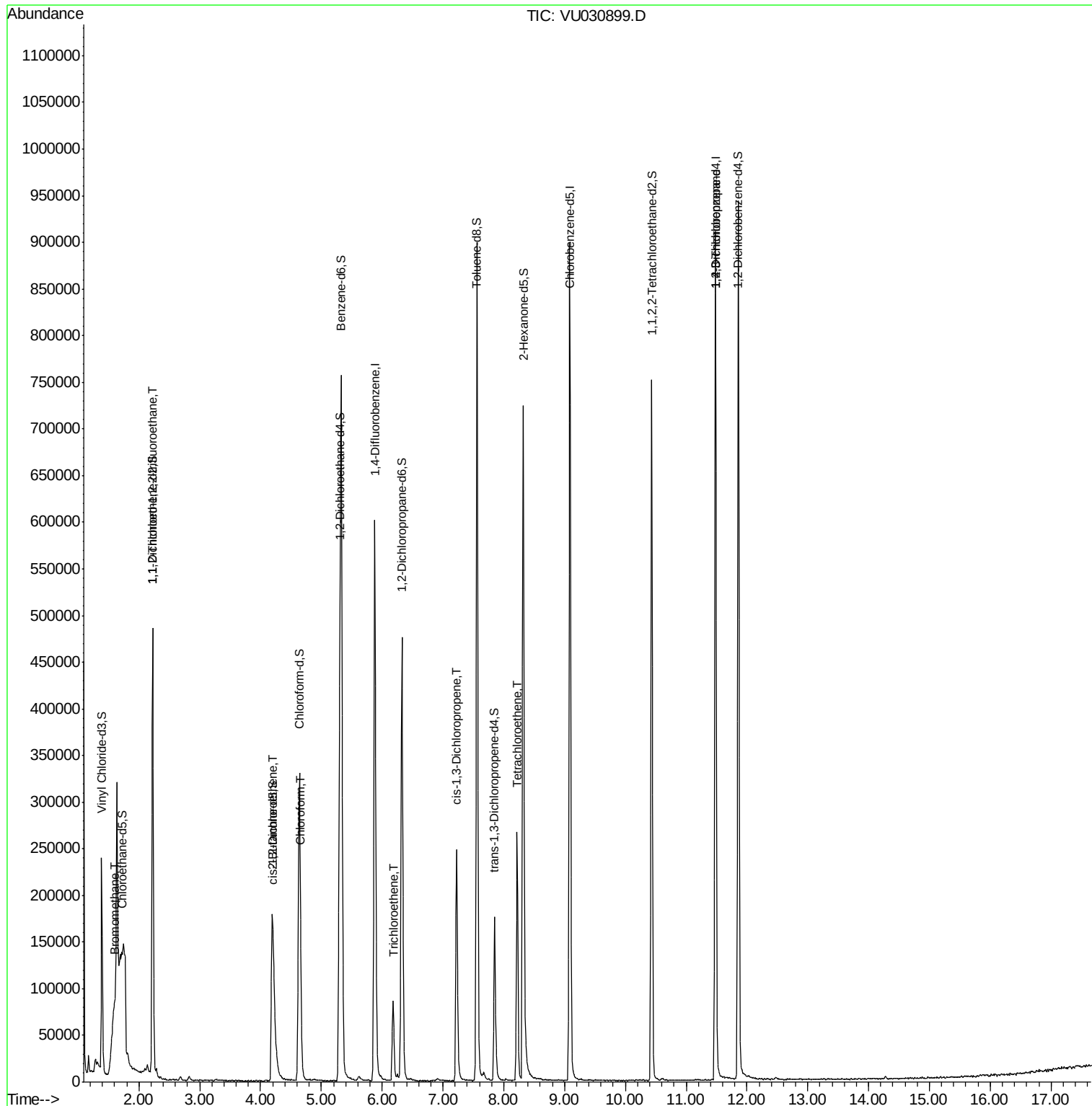
					Qvalue
6) Bromomethane	1.59	94	1668	0.573 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2125	0.581 ug/L #	22
20) cis-1,2-Dichloroethene	4.22	96	3716	0.897 ug/L	90
25) Chloroform	4.67	83	19489	2.506 ug/L	98
34) Trichloroethene	6.18	95	32566	7.904 ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	6259	0.924 ug/L #	81
46) Tetrachloroethene	8.22	164	60384	20.158 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	30002	5.266 ug/L	91

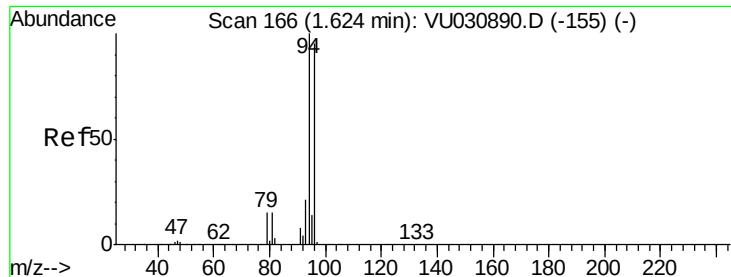
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030899.D
Acq On : 08 Apr 2019 12:42
Operator : JC/SP
Sample : K2277-09ME
Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF172ME

Quant Time: Apr 09 02:19:58 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





#6

Bromomethane

Concen: 0.573 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.03 min

Lab File: VU030899.D

Acq: 08 Apr 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

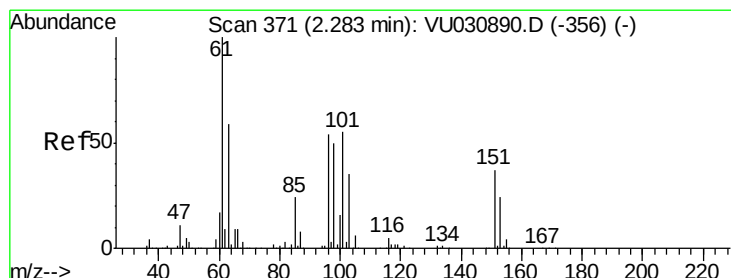
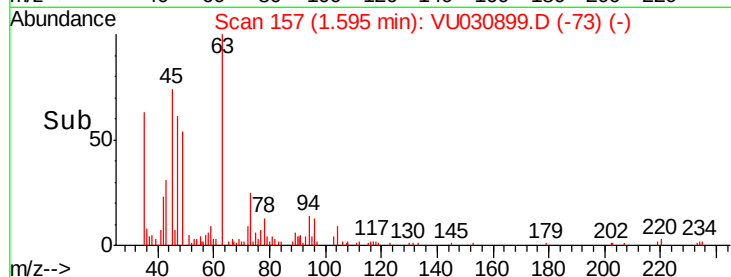
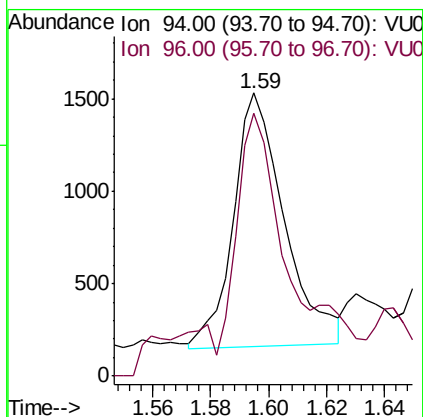
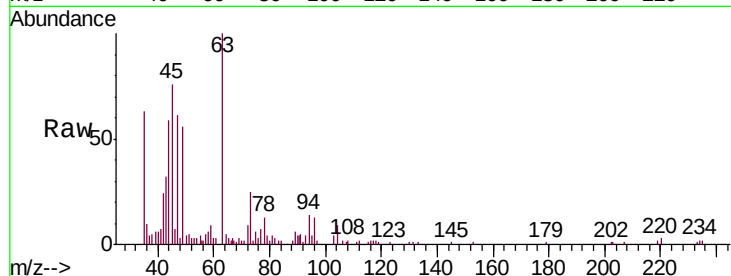
BF172ME

Tgt Ion: 94 Resp: 1668

Ion Ratio Lower Upper

94 100

96 92.8 65.5 121.7



#10

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

Concen: 0.581 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU030899.D

Acq: 08 Apr 2019 12:42

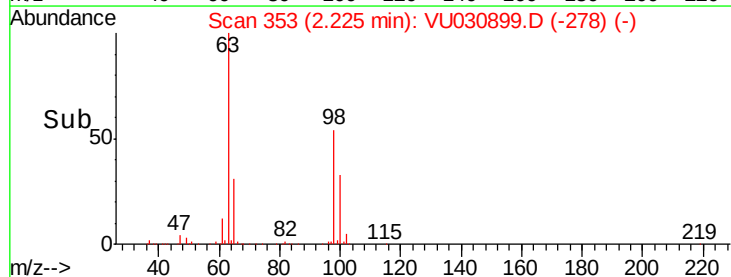
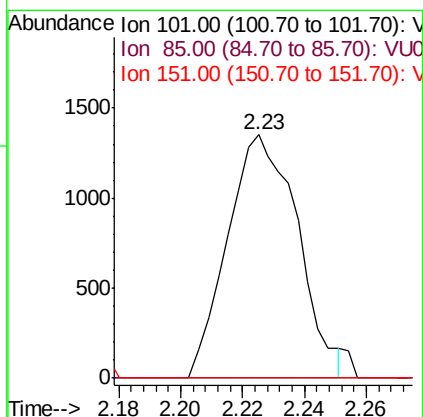
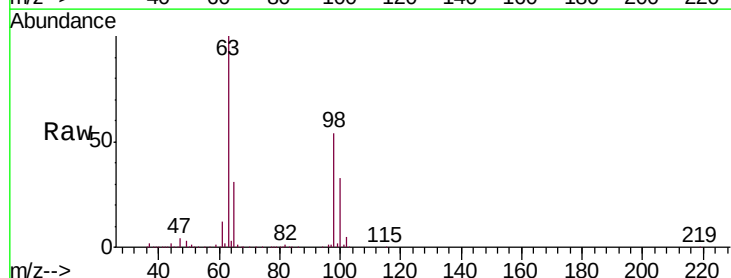
Tgt Ion: 101 Resp: 2125

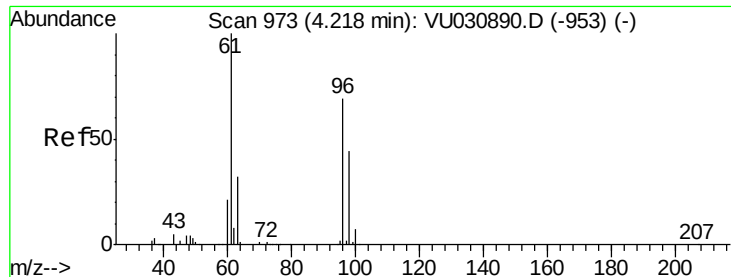
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 1.9 57.4 86.0#



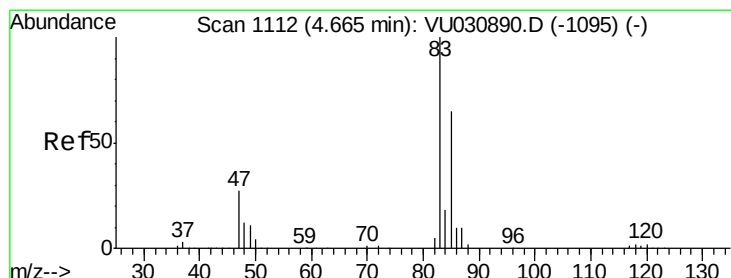
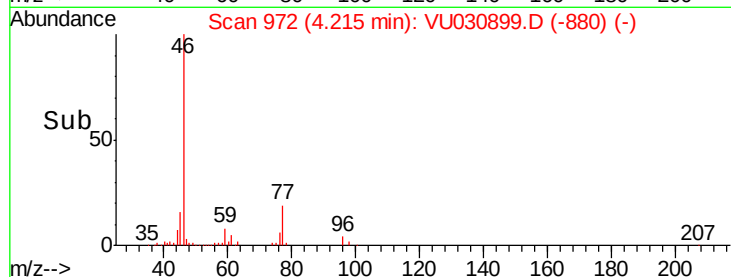
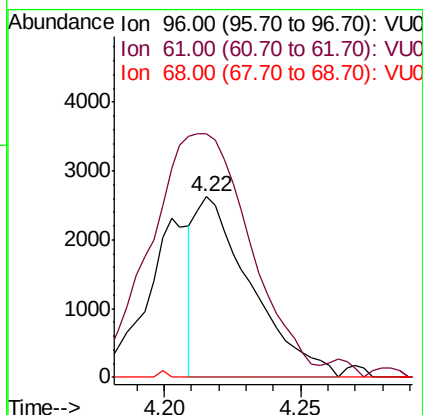
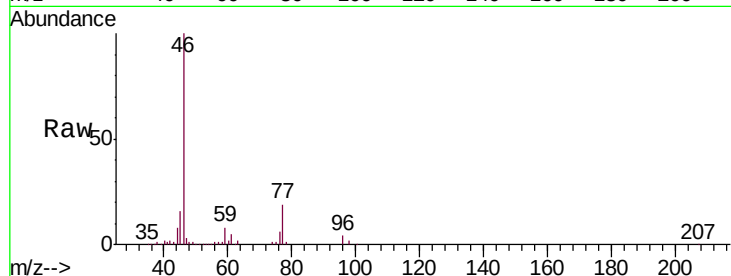


#20

cis-1,2-Dichloroethene
 Concen: 0.897 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU030899.D
 Acq: 08 Apr 2019 12:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BF172ME

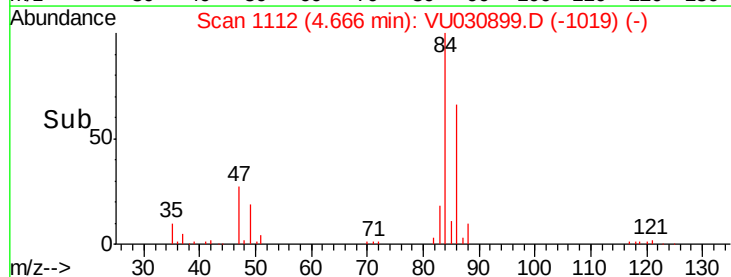
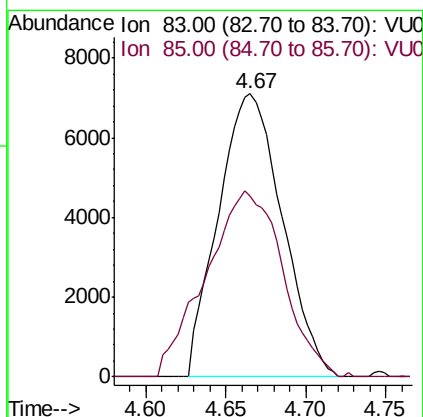
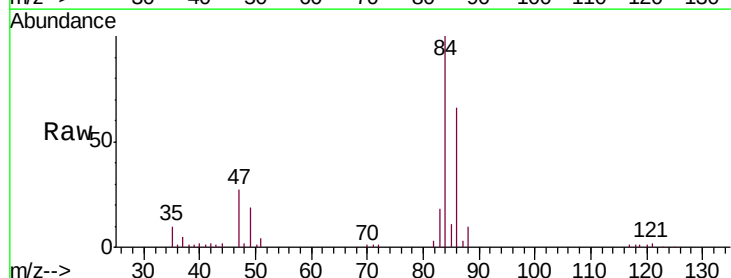
Tgt Ion: 96 Resp: 3716
 Ion Ratio Lower Upper
 96 100
 61 134.8 102.9 191.1
 68 0.0 0.0 0.0

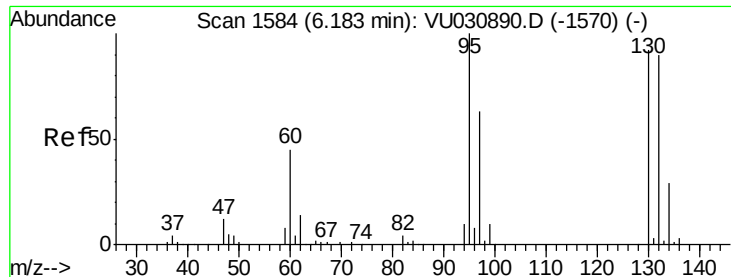


#25

Chloroform
 Concen: 2.506 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VU030899.D
 Acq: 08 Apr 2019 12:42

Tgt Ion: 83 Resp: 19489
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.8 85.0





#34

Trichloroethene

Concen: 7.904 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030899.D

Acq: 08 Apr 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

BF172ME

Tgt Ion: 95 Resp: 32566

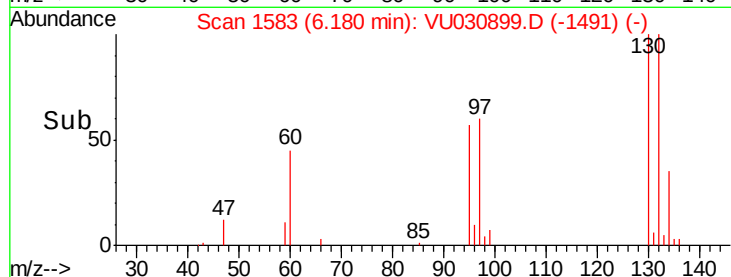
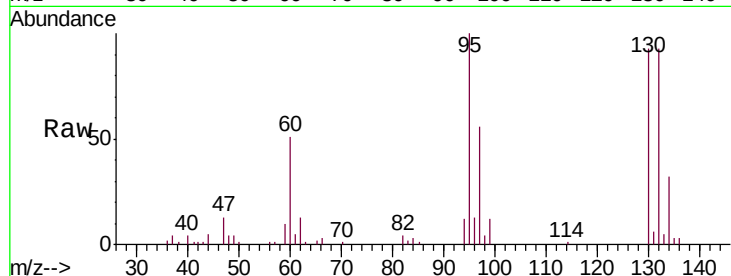
Ion Ratio Lower Upper

95 100

97 55.9 44.5 82.7

132 93.0 61.5 114.1

130 93.4 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU030899.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU030899.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU030899.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU030899.D (-1491) (-)

Time-->

6.18

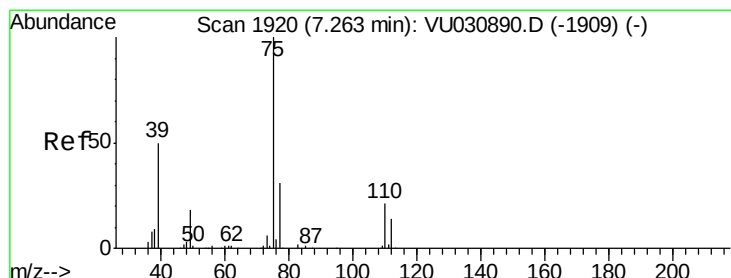
15000

10000

5000

0

6.10 6.15 6.20 6.25



#39

cis-1,3-Dichloropropene

Concen: 0.924 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030899.D

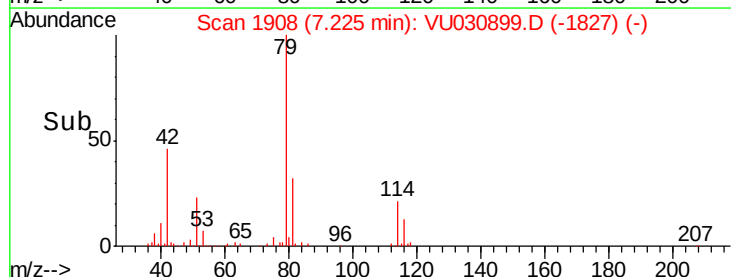
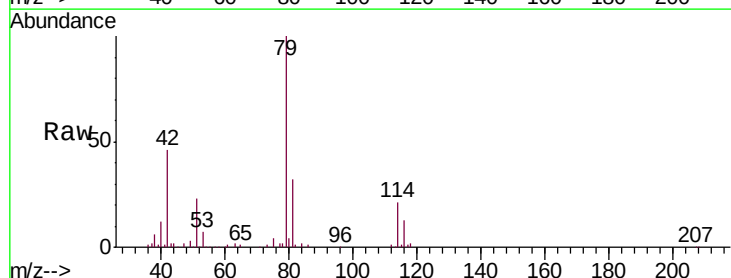
Acq: 08 Apr 2019 12:42

Tgt Ion: 75 Resp: 6259

Ion Ratio Lower Upper

75 100

77 43.7 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU030899.D (-1827) (-)

Ion 77.00 (76.70 to 77.70): VU030899.D (-1827) (-)

Time-->

7.22

4000

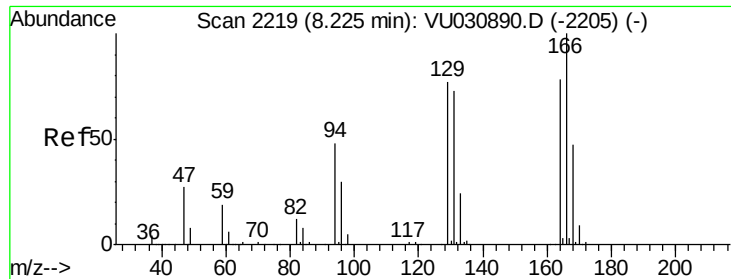
3000

2000

1000

0

7.20 7.25



#46

Tetrachloroethene

Concen: 20.158 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030899.D

Acq: 08 Apr 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

BF172ME

Tgt Ion:164 Resp: 60384

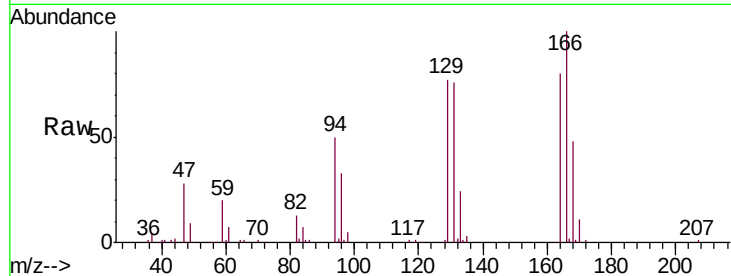
Ion Ratio Lower Upper

164 100

129 96.1 67.4 125.2

131 95.3 65.9 122.5

166 124.7 88.6 164.6

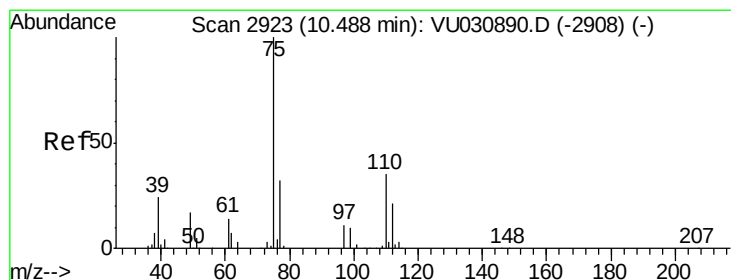
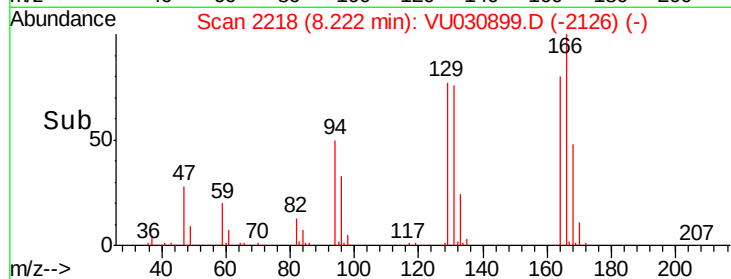
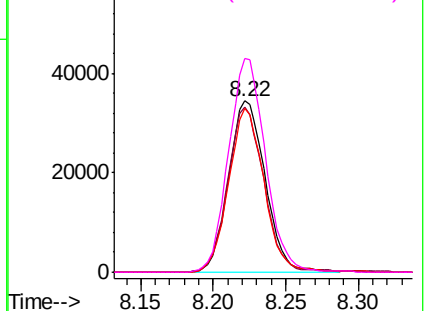


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.266 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030899.D

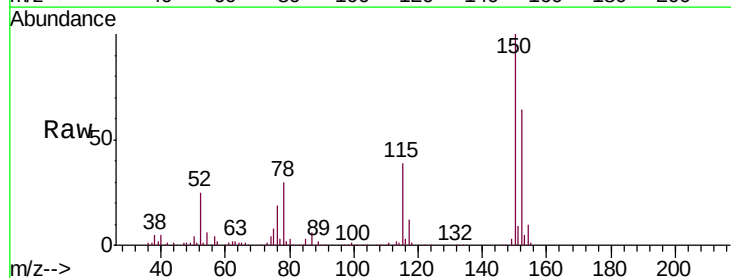
Acq: 08 Apr 2019 12:42

Tgt Ion: 75 Resp: 30002

Ion Ratio Lower Upper

75 100

77 37.5 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

