

Data File : VU030816.D
Acq On : 06 Apr 2019 21:17
Operator : JC/SP
Sample : K2277-07ME
Misc : 5.52g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF169ME

Quant Time: Apr 08 05:08:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	434845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	439841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	200854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	101768	26.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.44%#
7) Chloroethane-d5	1.72	69	79	0.03	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.23	63	159415	22.71	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.42%#
21) 2-Butanone-d5	4.19	46	187031	60.79	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.79%
24) Chloroform-d	4.64	84	171459	28.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.84%#
26) 1,2-Dichloroethane-d4	5.30	65	131614	32.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.06%#
32) Benzene-d6	5.33	84	374958	29.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	58.40%#
36) 1,2-Dichloropropane-d6	6.32	67	129066	29.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	58.66%#
41) Toluene-d8	7.56	98	311399	27.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.72%#
43) trans-1,3-Dichloropropene-	7.85	79	55512	27.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.34%#
47) 2-Hexanone-d5	8.32	63	133624	66.44	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	188695	31.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.58%#
64) 1,2-Dichlorobenzene-d4	11.86	152	122659	31.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.10%#

Target Compounds

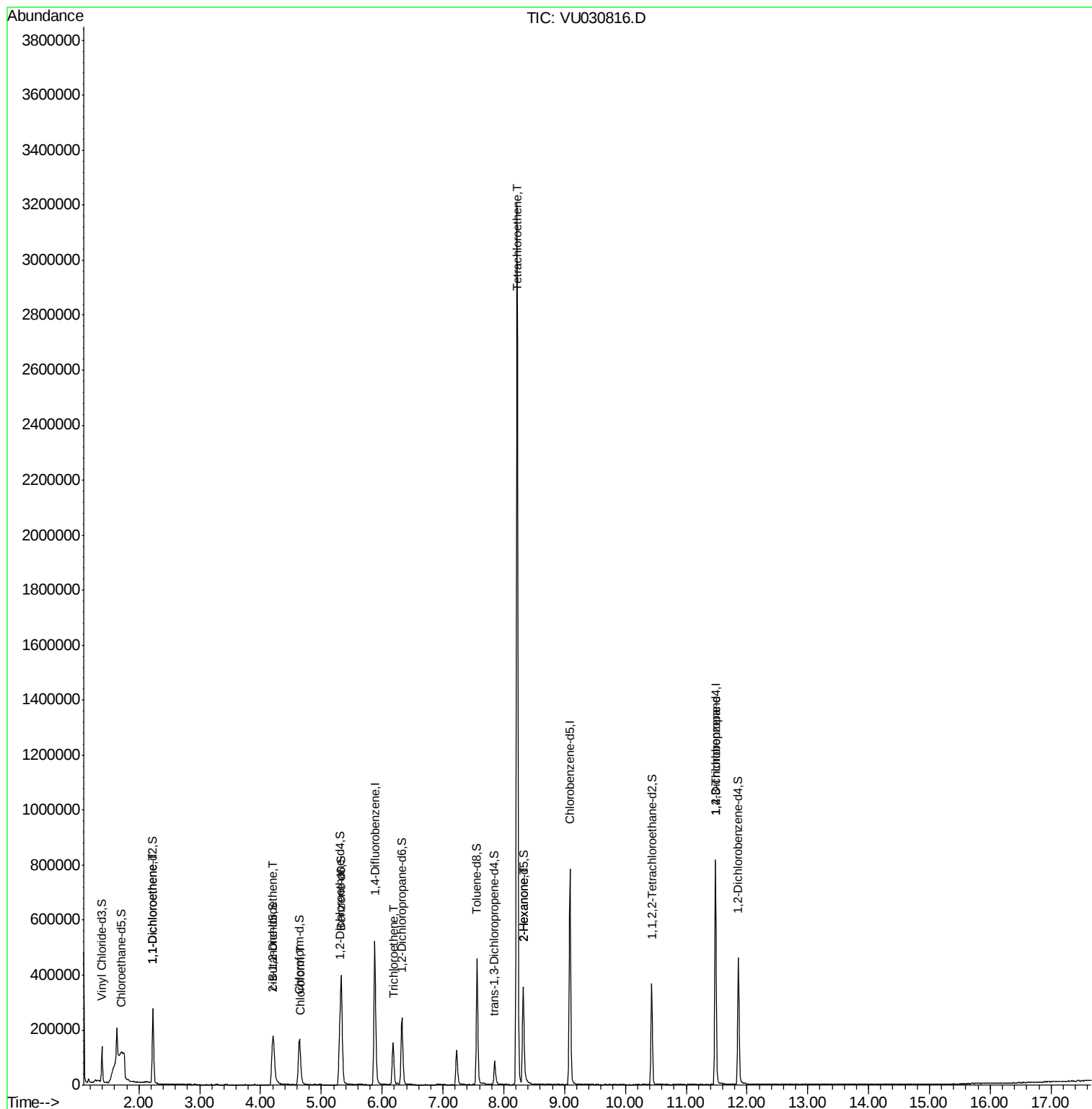
					Qvalue
12) 1,1-Dichloroethene	2.24	96	8284	2.756 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	60971	17.301 ug/L	91
25) Chloroform	4.67	83	12882	1.946 ug/L	95
34) Trichloroethene	6.18	95	57758	16.361 ug/L	97
46) Tetrachloroethene	8.22	164	704130	274.343 ug/L	98
48) 2-Hexanone	8.32	43	16534	3.233 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	26030	5.333 ug/L	89

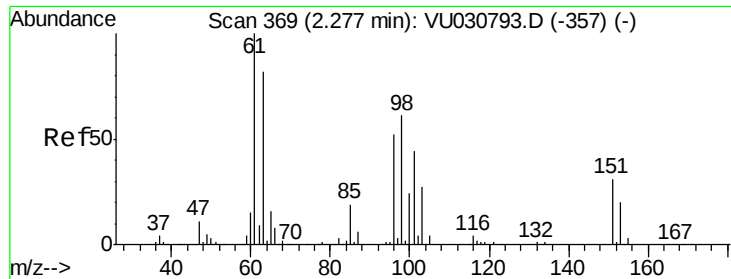
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030816.D
Acq On : 06 Apr 2019 21:17
Operator : JC/SP
Sample : K2277-07ME
Misc : 5.52g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF169ME

Quant Time: Apr 08 05:08:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.756 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU030816.D

Acq: 06 Apr 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

BF169ME

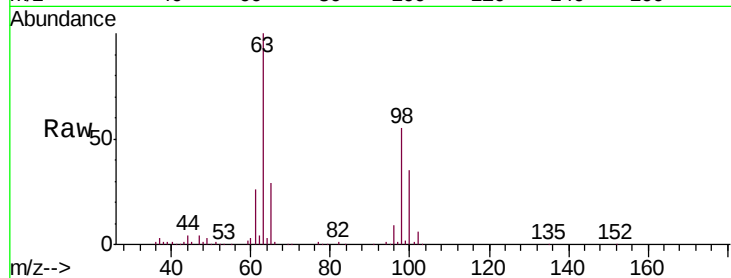
Tgt Ion: 96 Resp: 8284

Ion Ratio Lower Upper

96 100

61 301.1 132.0 245.2#

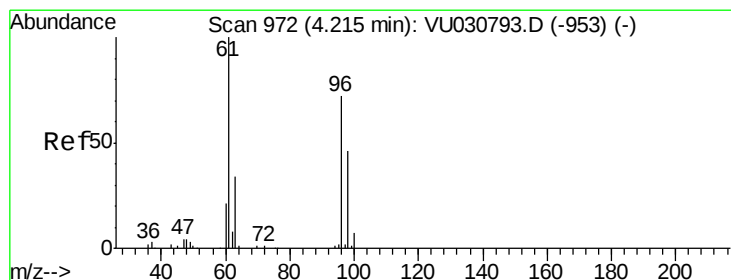
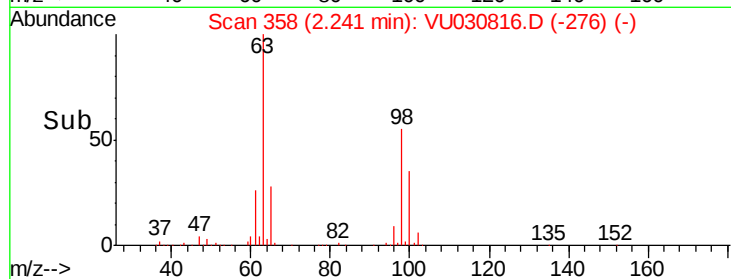
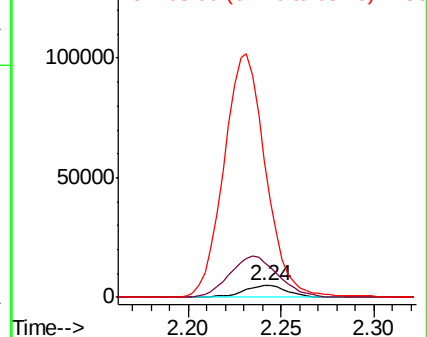
63 1171.5 90.9 168.9#



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



#20

cis-1,2-Dichloroethene

Concen: 17.301 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.00 min

Lab File: VU030816.D

Acq: 06 Apr 2019 21:17

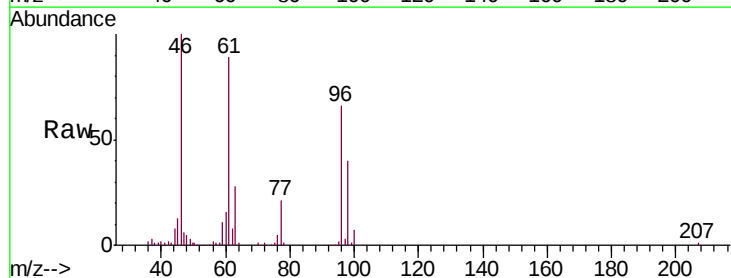
Tgt Ion: 96 Resp: 60971

Ion Ratio Lower Upper

96 100

61 136.2 102.9 191.1

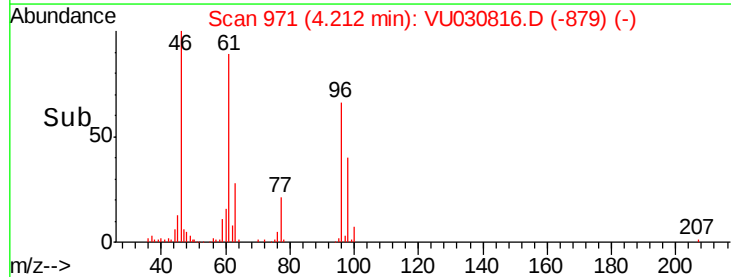
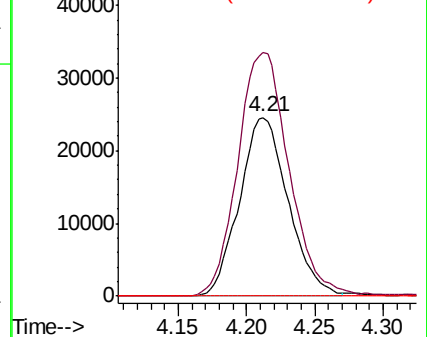
68 0.0 0.0 0.0

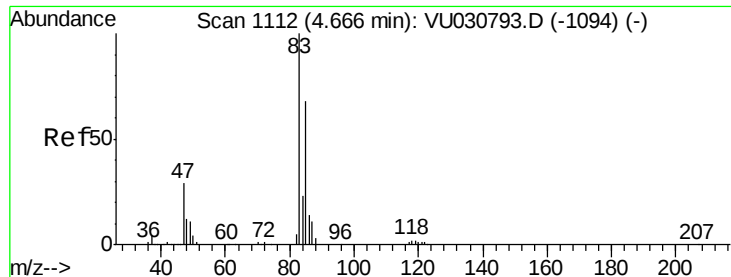


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 1.946 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030816.D

Acq: 06 Apr 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

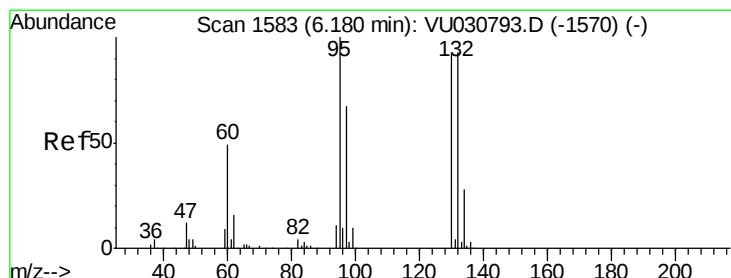
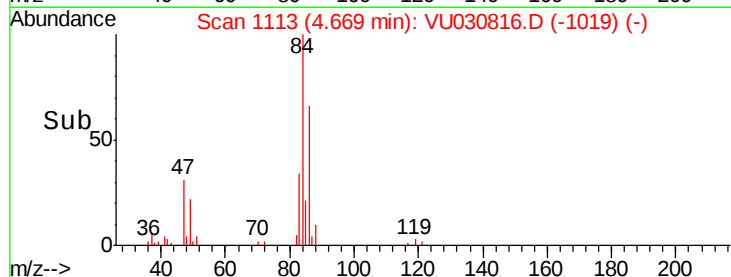
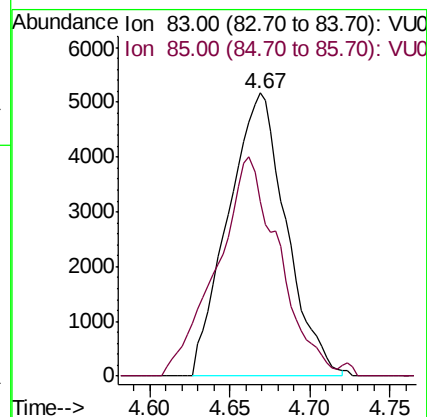
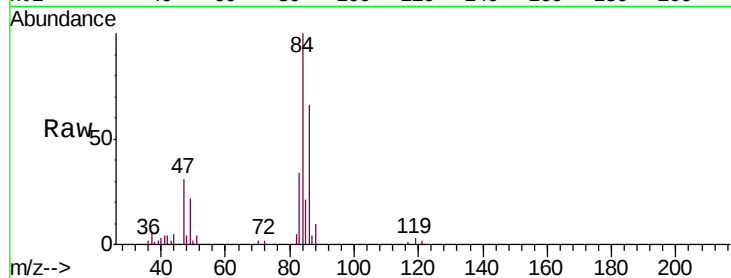
BF169ME

Tgt Ion: 83 Resp: 12882

Ion Ratio Lower Upper

83 100

85 61.5 45.8 85.0



#34

Trichloroethene

Concen: 16.361 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030816.D

Acq: 06 Apr 2019 21:17

Tgt Ion: 95 Resp: 57758

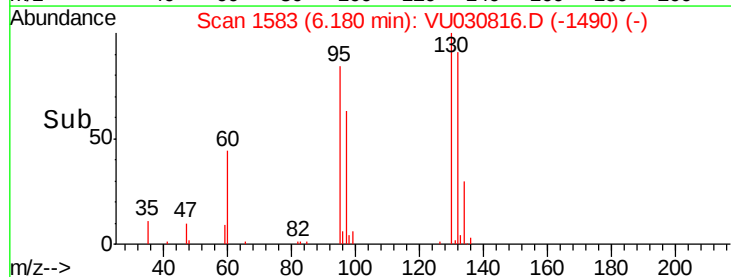
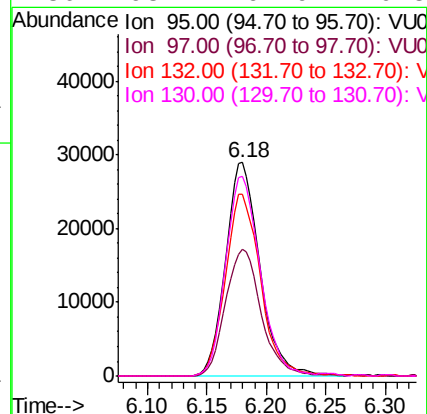
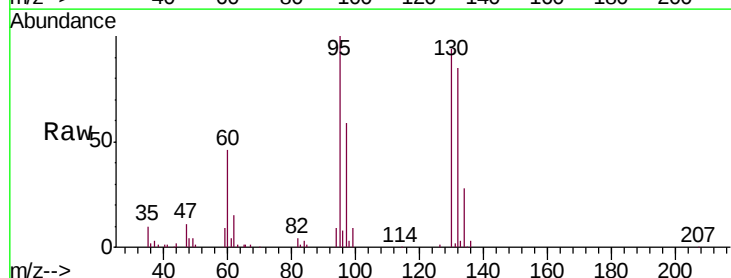
Ion Ratio Lower Upper

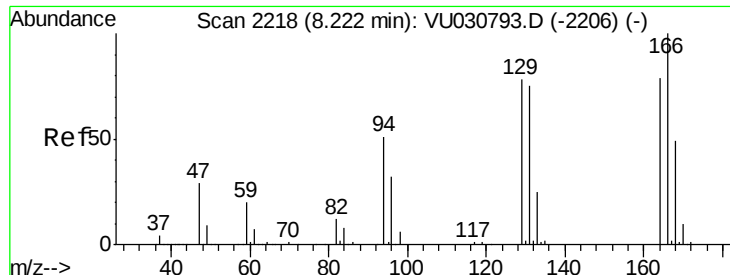
95 100

97 59.1 44.5 82.7

132 85.0 61.5 114.1

130 93.7 64.9 120.5





#46

Tetrachloroethene

Concen: 274.343 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030816.D

Acq: 06 Apr 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

BF169ME

Tgt Ion:164 Resp: 704130

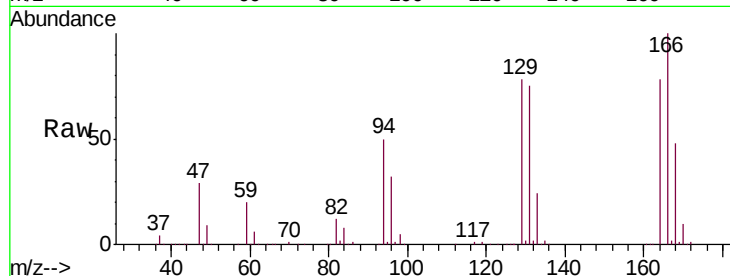
Ion Ratio Lower Upper

164 100

129 100.1 67.4 125.2

131 95.3 65.9 122.5

166 127.6 88.6 164.6

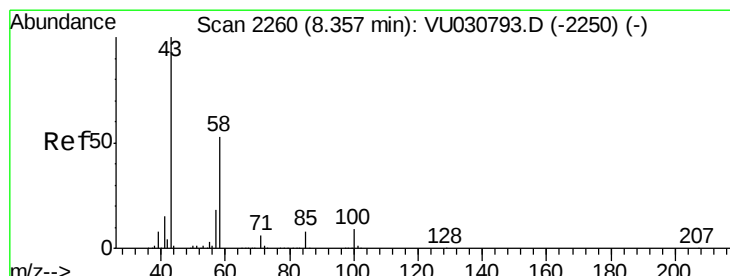
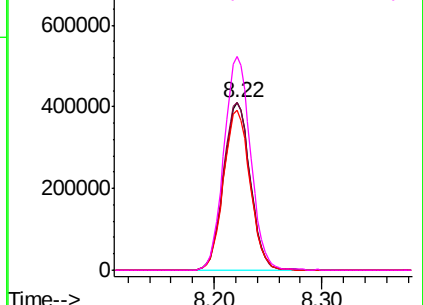
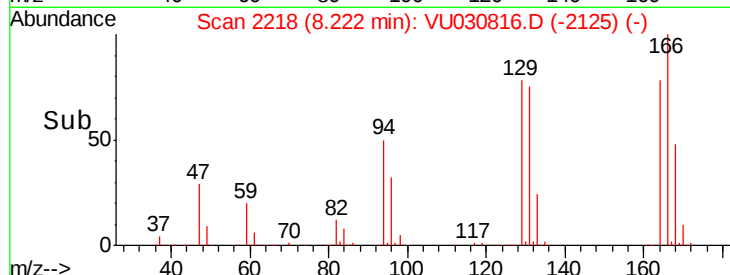


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 3.233 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU030816.D

Acq: 06 Apr 2019 21:17

Tgt Ion: 43 Resp: 16534

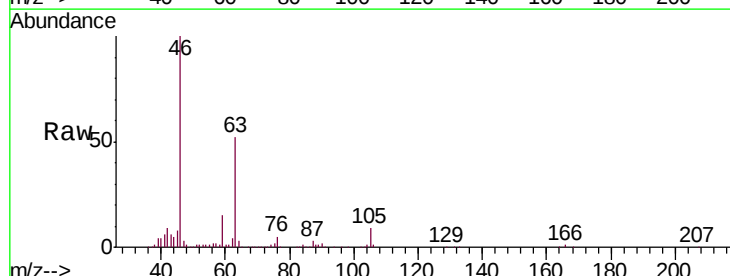
Ion Ratio Lower Upper

43 100

58 25.1 41.9 62.9#

57 27.4 14.3 21.5#

100 0.0 7.1 10.7#

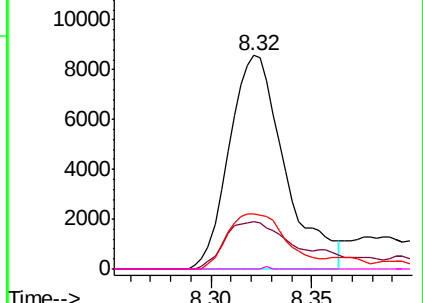
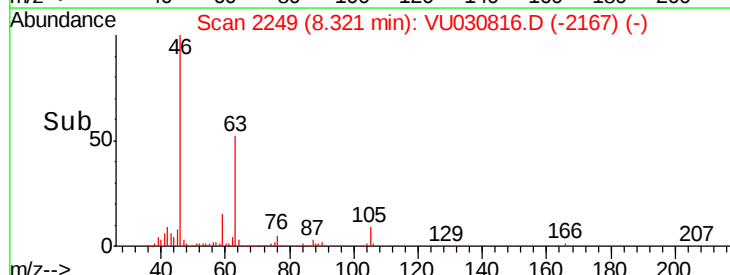


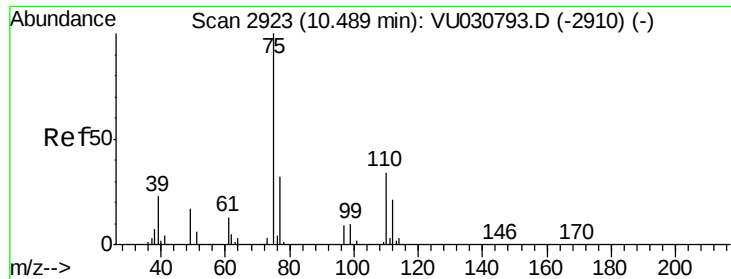
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.333 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030816.D

Acq: 06 Apr 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

BF169ME

Tgt Ion: 75 Resp: 26030

Ion Ratio Lower Upper

75 100

77 38.9 26.1 39.1

