

Data File : VU030799.D
Acq On : 06 Apr 2019 14:45
Operator : JC/SP
Sample : K2167-09ME
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF110ME

Quant Time: Apr 08 05:05:04 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	487078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484617	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	174177	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.12%
7) Chloroethane-d5	1.71	69	329	0.10	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.20%#
11) 1,1-Dichloroethene-d2	2.23	63	277781	35.32	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	4.19	46	346450	100.54	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	4.64	84	307285	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.30	65	228934	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.33	84	661734	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.32	67	232229	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.56	98	573894	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%
43) trans-1,3-Dichloropropene-	7.85	79	103892	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
47) 2-Hexanone-d5	8.32	63	248433	112.11	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	341539	52.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	220396	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%

Target Compounds

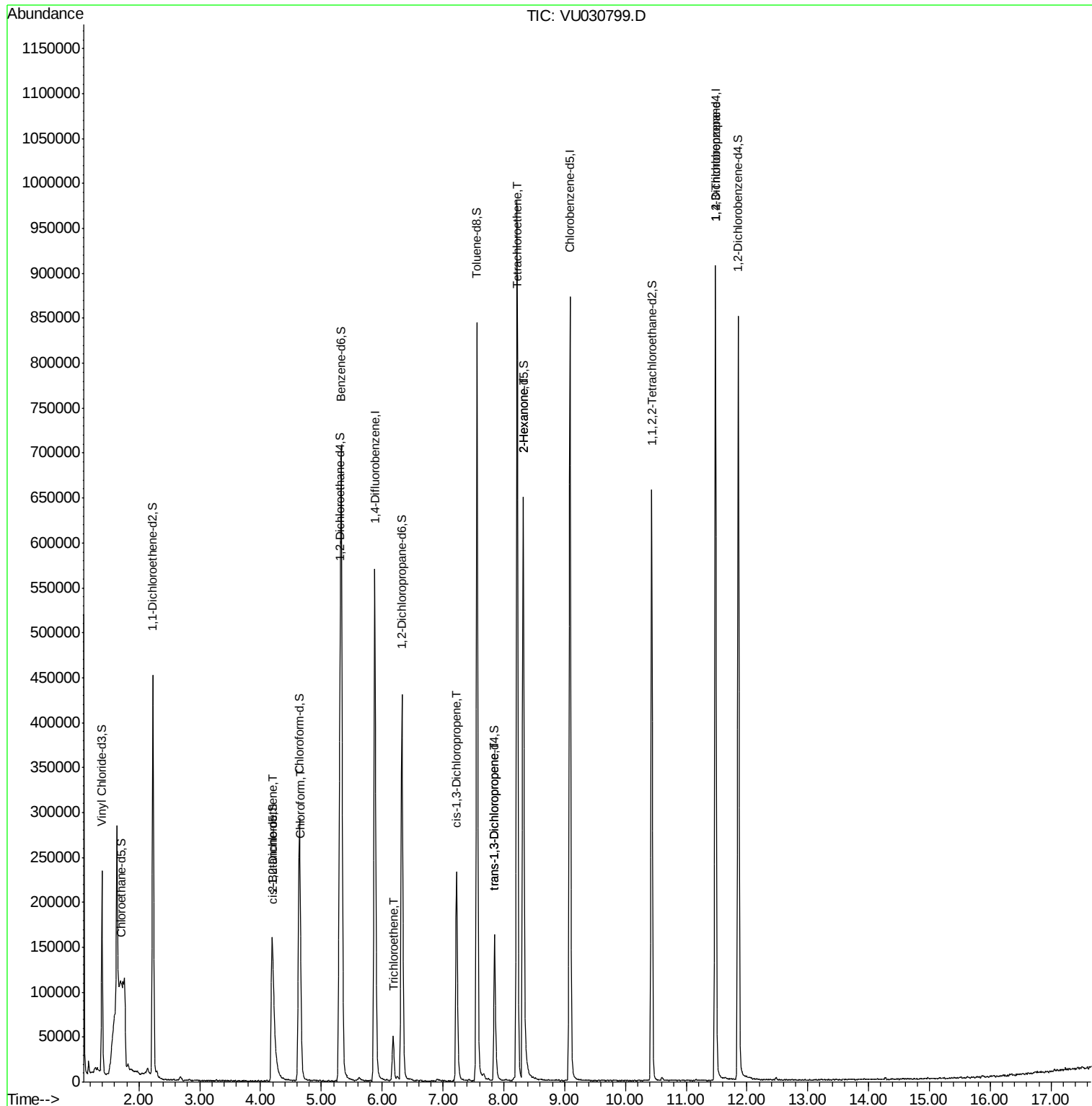
						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	3537	0.896	ug/L	89
25) Chloroform	4.66	83	20034	2.702	ug/L	94
34) Trichloroethene	6.18	95	18960	4.874	ug/L	92
39) cis-1,3-Dichloropropene	7.22	75	6124	0.958	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	4296	0.763	ug/L #	69
46) Tetrachloroethene	8.22	164	212782	75.244	ug/L	96
48) 2-Hexanone	8.32	43	30545	5.422	ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	30255	5.625	ug/L	97

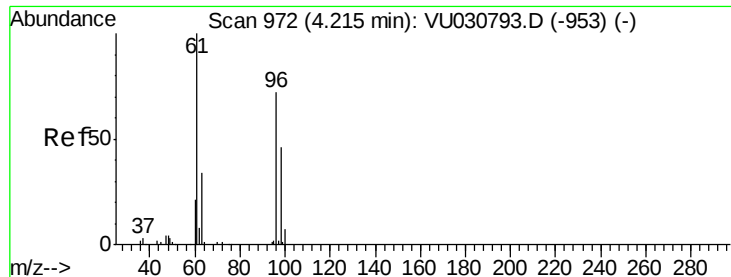
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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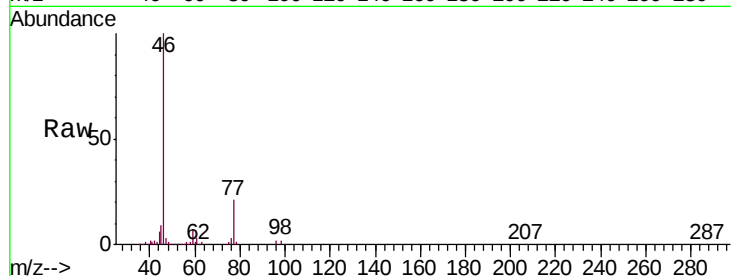




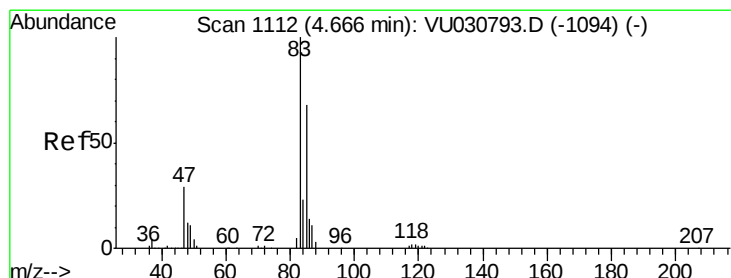
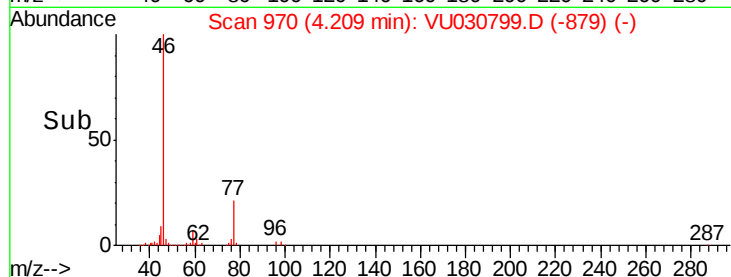
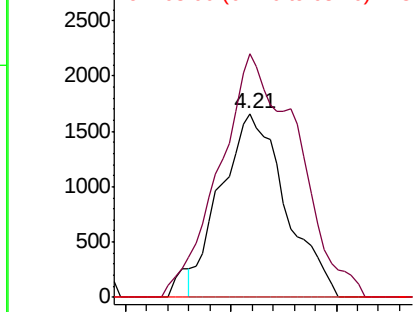
#20
 cis-1,2-Dichloroethene
 Concen: 0.896 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. -0.01 min
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 Acq: 06 Apr 2019 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BF110ME

Tgt Ion: 96 Resp: 3537
 Ion Ratio Lower Upper
 96 100
 61 132.6 102.9 191.1
 68 0.0 0.0 0.0

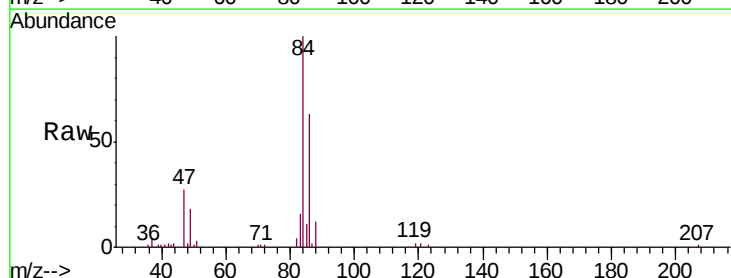


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

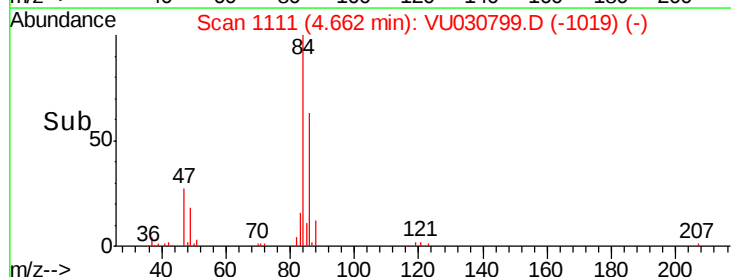
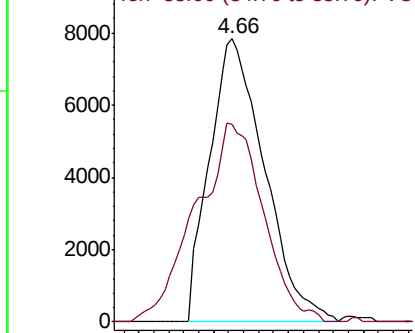


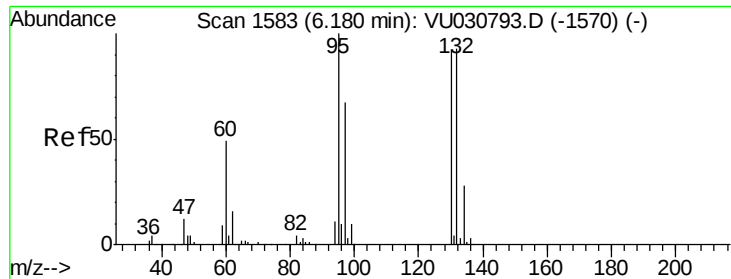
#25
 Chloroform
 Concen: 2.702 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VU030799.D
 Acq: 06 Apr 2019 14:45

Tgt Ion: 83 Resp: 20034
 Ion Ratio Lower Upper
 83 100
 85 70.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 4.874 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030799.D

Acq: 06 Apr 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

BF110ME

Tgt Ion: 95 Resp: 18960

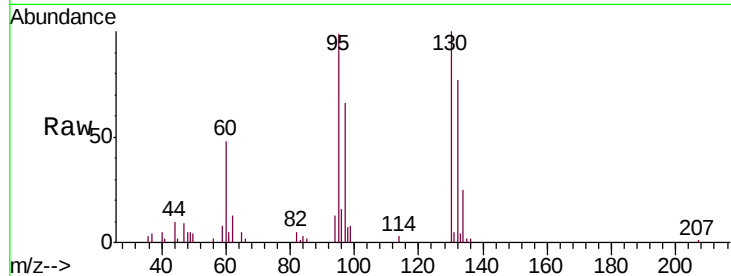
Ion Ratio Lower Upper

95 100

97 66.6 44.5 82.7

132 77.3 61.5 114.1

130 101.0 64.9 120.5

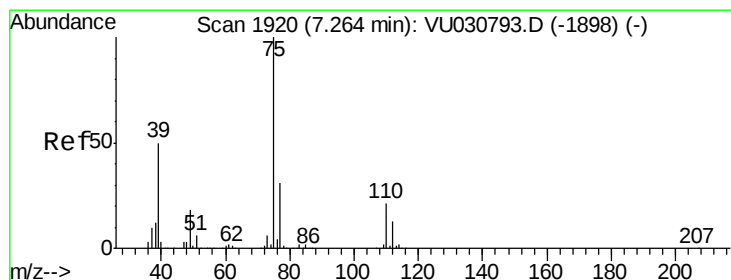
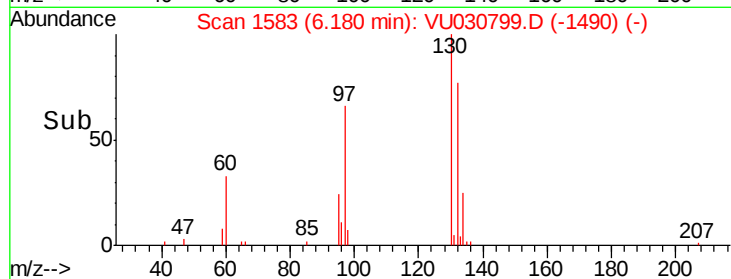
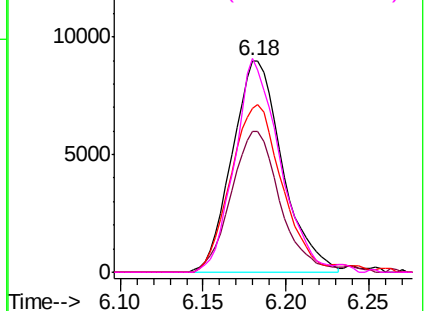


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU030799.D

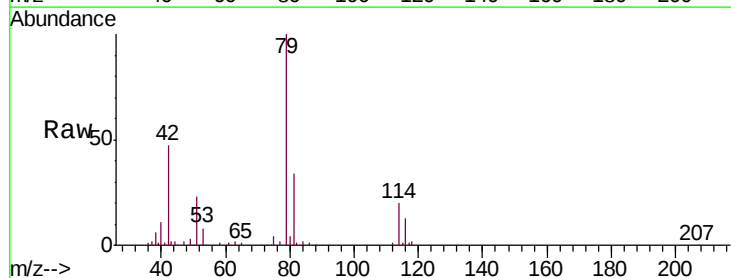
Acq: 06 Apr 2019 14:45

Tgt Ion: 75 Resp: 6124

Ion Ratio Lower Upper

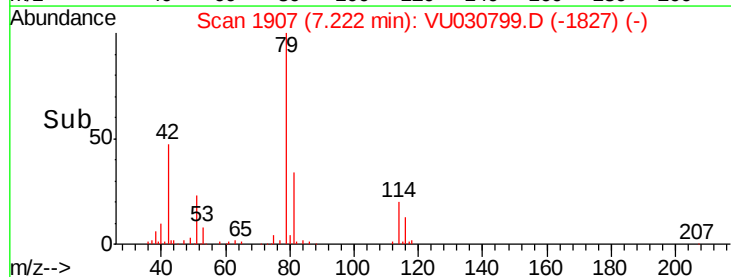
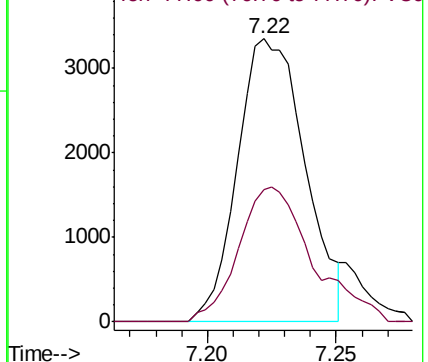
75 100

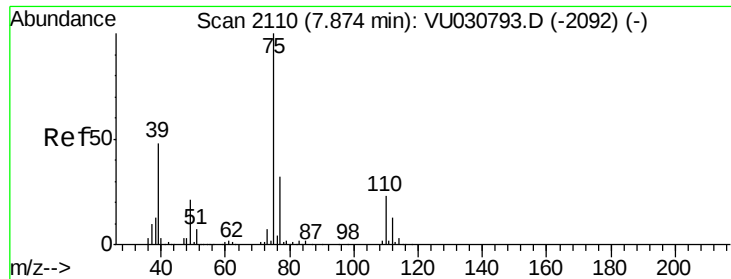
77 46.6 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030799.D

Acq: 06 Apr 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

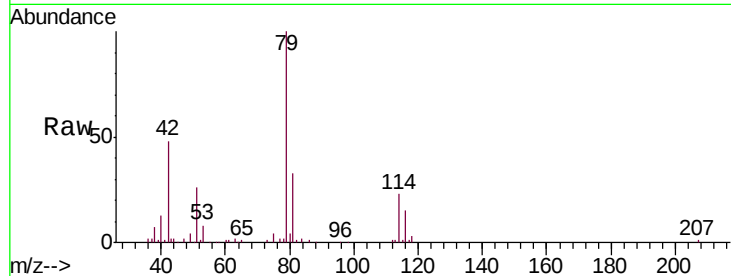
BF110ME

Tgt Ion: 75 Resp: 4296

Ion Ratio Lower Upper

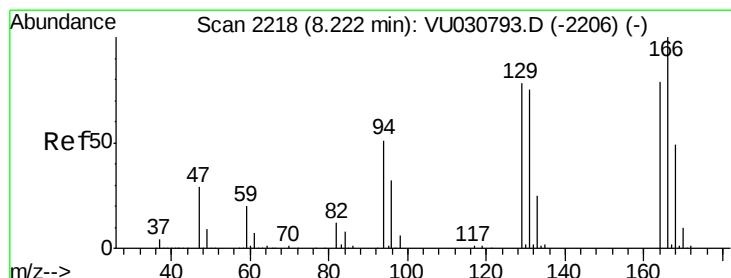
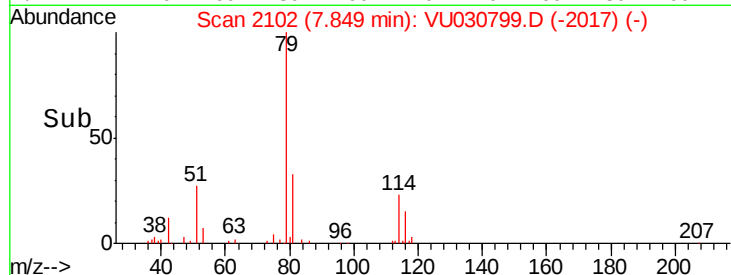
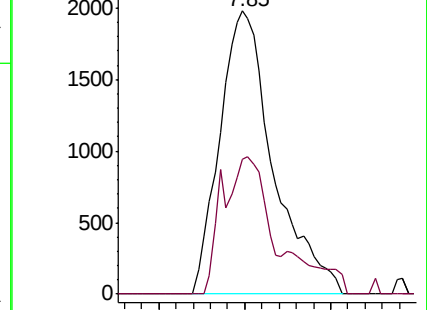
75 100

77 47.5 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU030799.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU030799.D (-2102) (-)



#46

Tetrachloroethene

Concen: 75.244 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030799.D

Acq: 06 Apr 2019 14:45

Tgt Ion: 164 Resp: 212782

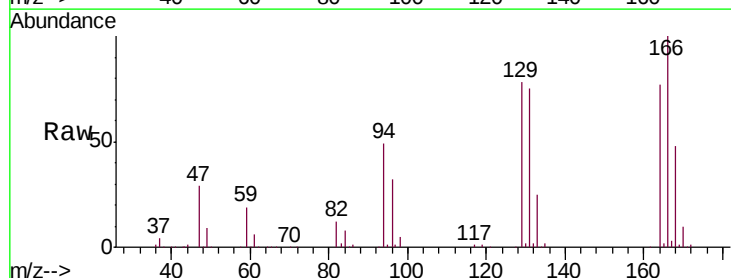
Ion Ratio Lower Upper

164 100

129 101.6 67.4 125.2

131 97.7 65.9 122.5

166 129.5 88.6 164.6

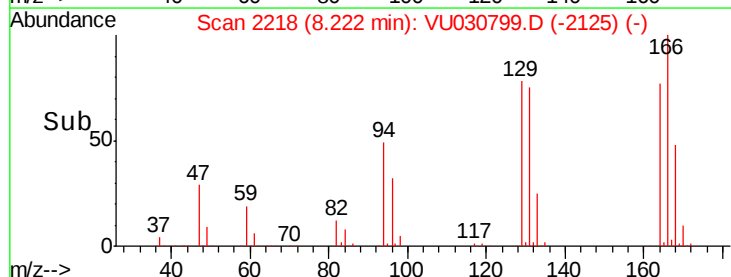
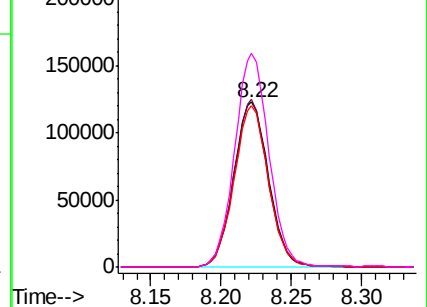


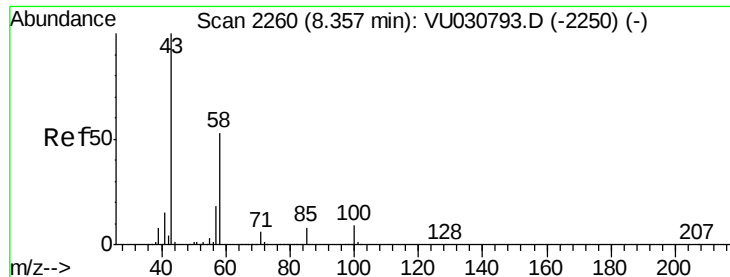
Abundance Ion 164.00 (163.70 to 164.70): VU030799.D (-2218) (-)

Ion 129.00 (128.70 to 129.70): VU030799.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VU030799.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU030799.D (-2218) (-)





#48

2-Hexanone

Concen: 5.422 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU030799.D

Acq: 06 Apr 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

BF110ME

Tgt Ion: 43 Resp: 30545

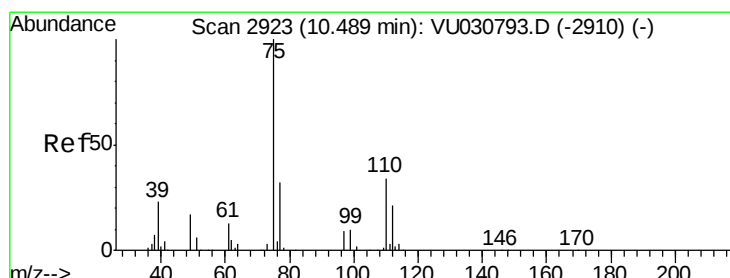
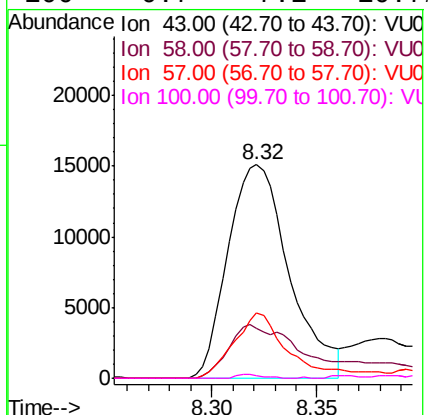
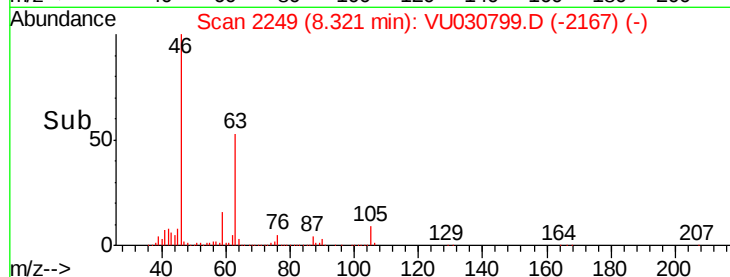
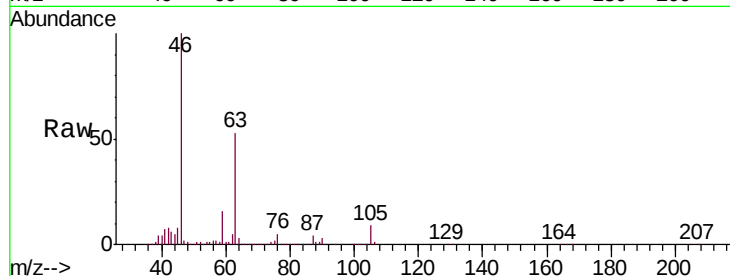
Ion Ratio Lower Upper

43 100

58 16.1 41.9 62.9#

57 28.0 14.3 21.5#

100 0.7 7.1 10.7#



#59

1,2,3-Trichloropropane

Concen: 5.625 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030799.D

Acq: 06 Apr 2019 14:45

Tgt Ion: 75 Resp: 30255

Ion Ratio Lower Upper

75 100

77 34.2 26.1 39.1

