

Data File : VU030749.D
Acq On : 05 Apr 2019 18:34
Operator : JC/SP
Sample : K2167-09ME
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF110ME

Quant Time: Apr 06 02:20:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	824686	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	801472	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	384564	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	262339	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.28%
7) Chloroethane-d5	1.64	69	203892	36.49	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.98%
11) 1,1-Dichloroethene-d2	2.25	63	394389	29.62	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.24%#
21) 2-Butanone-d5	4.18	46	605804	103.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.83%
24) Chloroform-d	4.64	84	461377	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
26) 1,2-Dichloroethane-d4	5.30	65	337819	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
32) Benzene-d6	5.33	84	972753	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
36) 1,2-Dichloropropane-d6	6.32	67	347538	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.68%
41) Toluene-d8	7.56	98	825712	39.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.62%#
43) trans-1,3-Dichloropropene-	7.85	79	159643	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.31	63	403788	110.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	535740	49.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	334915	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.25	96	5445	0.955	ug/L #	1
25) Chloroform	4.66	83	28177	2.244	ug/L	99
34) Trichloroethene	6.18	95	24437	3.799	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	6197	0.665	ug/L #	72
46) Tetrachloroethene	8.22	164	263372	56.314	ug/L	98
48) 2-Hexanone	8.31	43	50716	5.443	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	50243	5.649	ug/L	94

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

Data File : VU030749.D

Acq On : 05 Apr 2019 18:34

Operator : JC/SP

Sample : K2167-09ME

Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MeOH

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF110ME

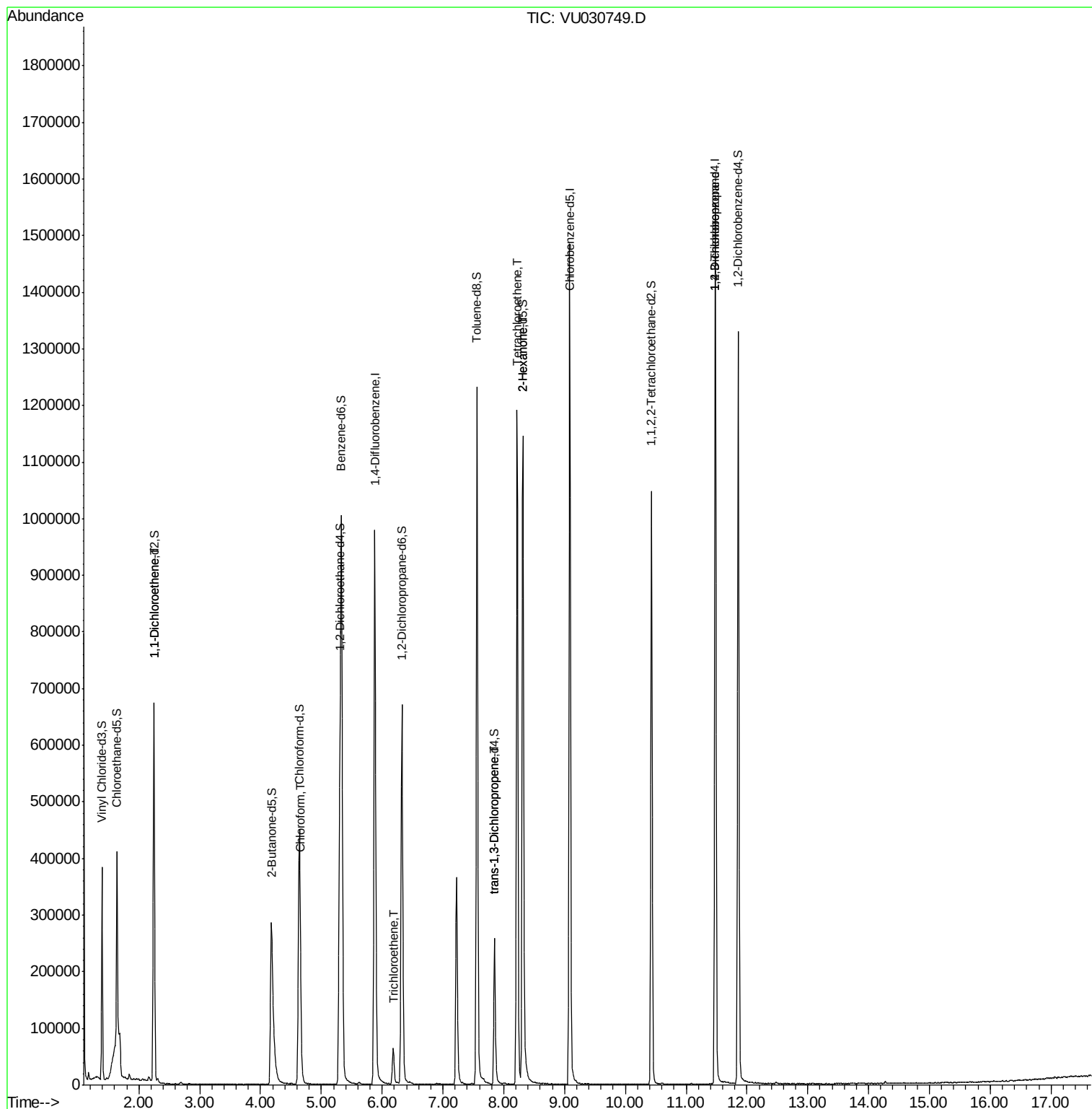
Quant Time: Apr 06 02:20:22 2019

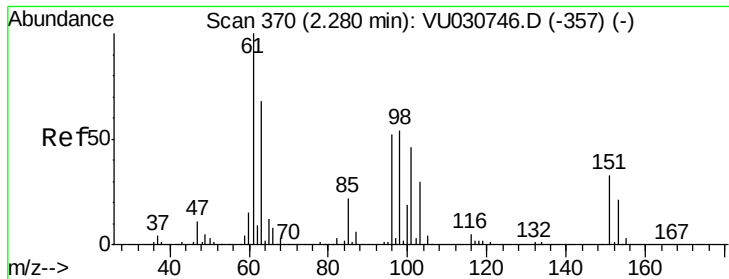
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 06 02:16:29 2019

Response via : Initial Calibration

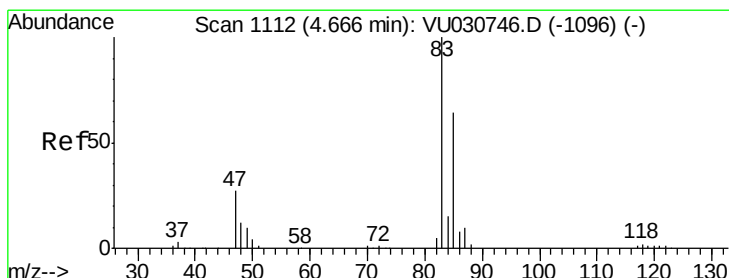
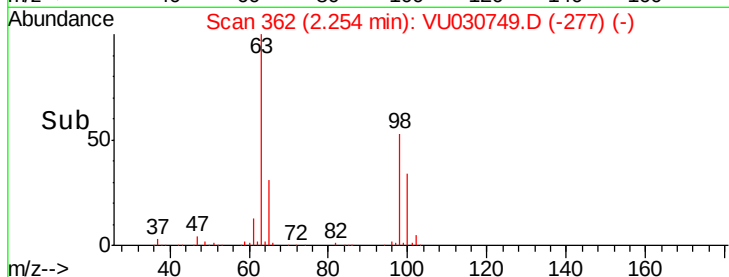
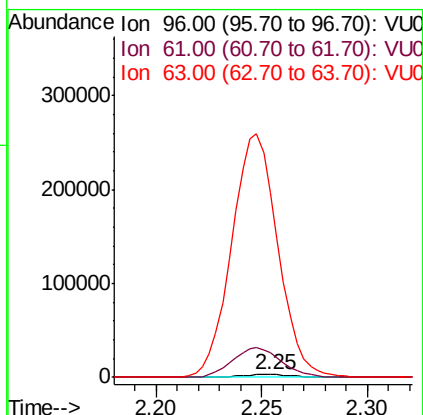
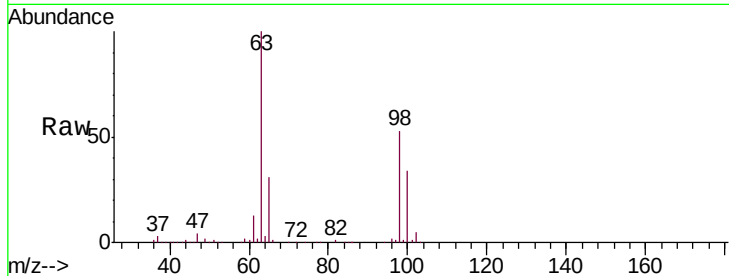




#12
 1,1-Dichloroethene
 Concen: 0.955 ug/L
 RT: 2.25 min Scan# 362
 Delta R.T. -0.03 min
 Lab File: VU030749.D
 Acq: 05 Apr 2019 18:34

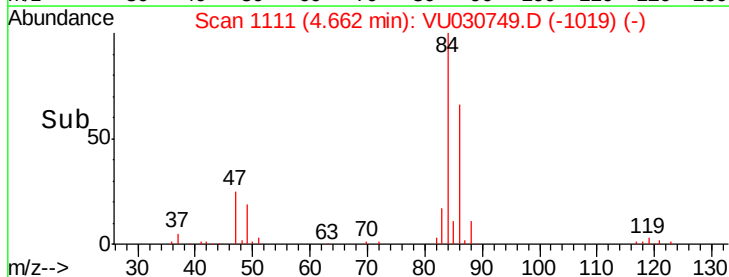
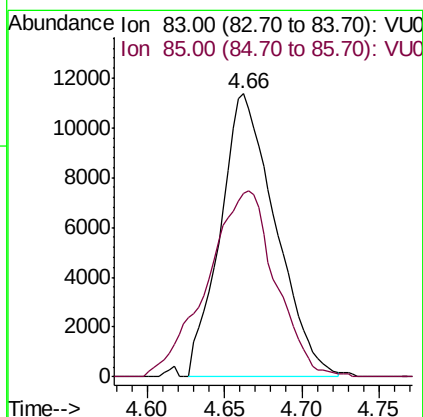
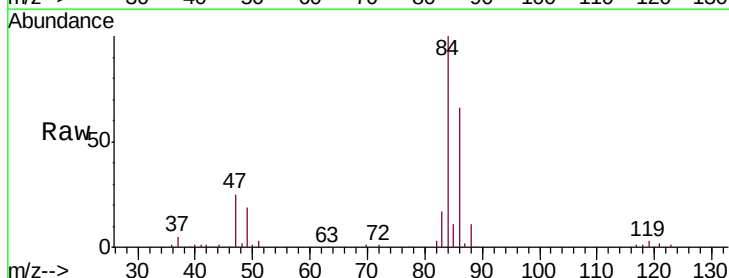
Instrument :
 MSVOA_U
 ClientSampleId :
 BF110ME

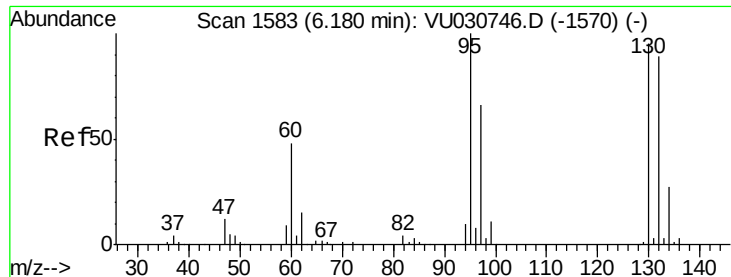
Tgt Ion: 96 Resp: 5445
 Ion Ratio Lower Upper
 96 100
 61 865.5 132.0 245.2#
 63 6533.6 90.9 168.9#



#25
 Chloroform
 Concen: 2.244 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VU030749.D
 Acq: 05 Apr 2019 18:34

Tgt Ion: 83 Resp: 28177
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.8 85.0





#34

Trichloroethene

Concen: 3.799 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030749.D

Acq: 05 Apr 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

BF110ME

Tgt Ion: 95 Resp: 24437

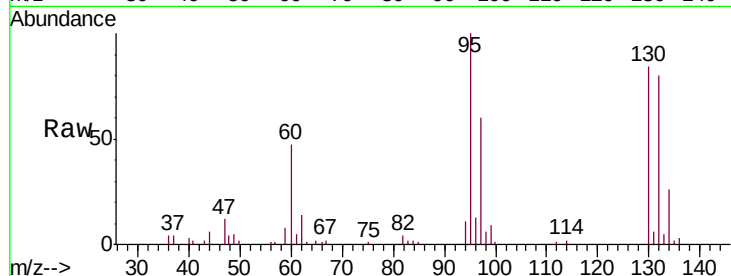
Ion Ratio Lower Upper

95 100

97 59.9 44.5 82.7

132 79.6 61.5 114.1

130 84.4 64.9 120.5

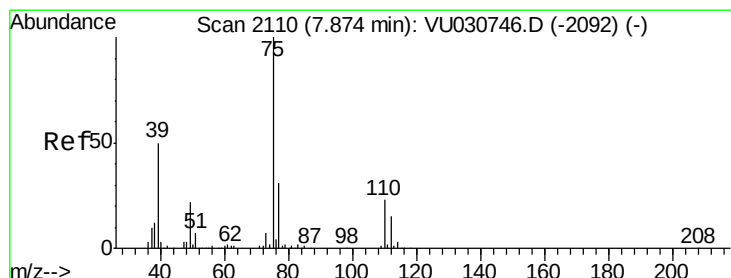
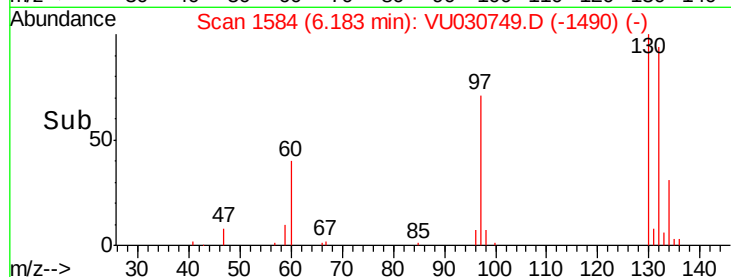
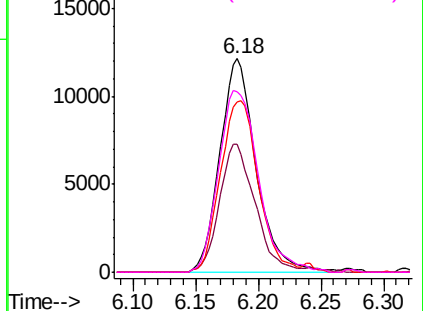


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.665 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030749.D

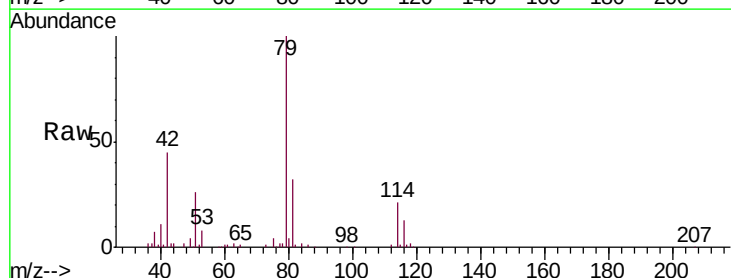
Acq: 05 Apr 2019 18:34

Tgt Ion: 75 Resp: 6197

Ion Ratio Lower Upper

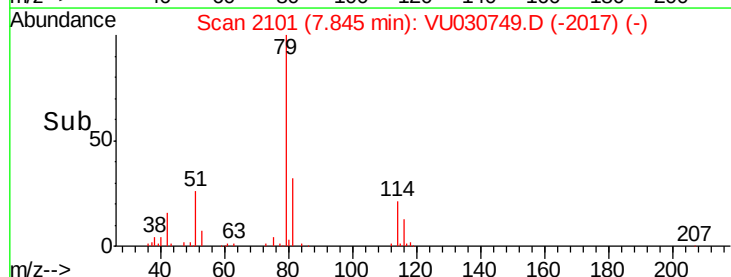
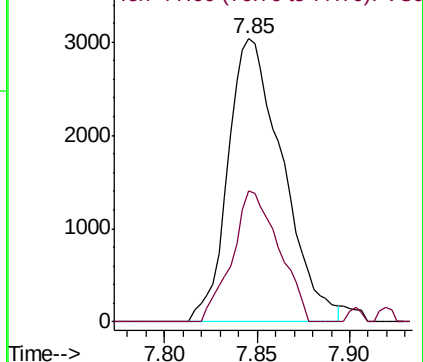
75 100

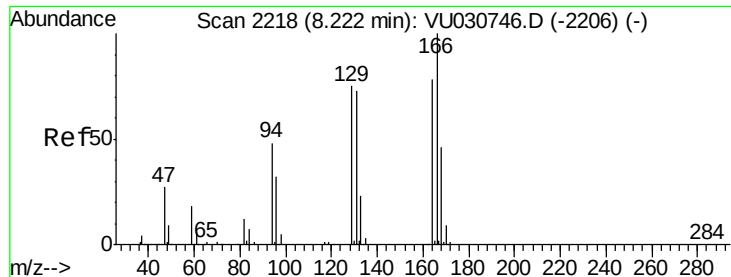
77 46.2 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

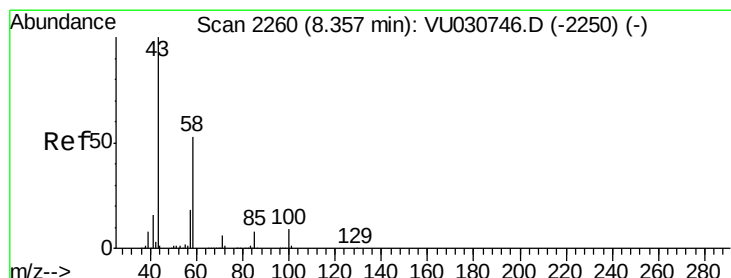
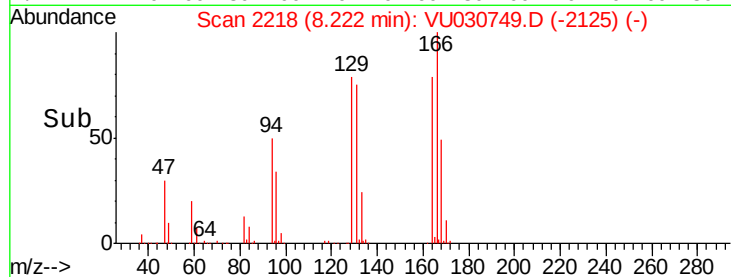
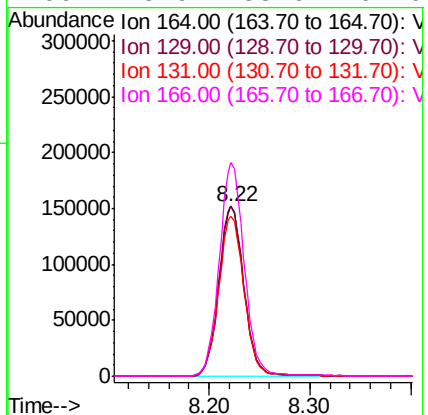
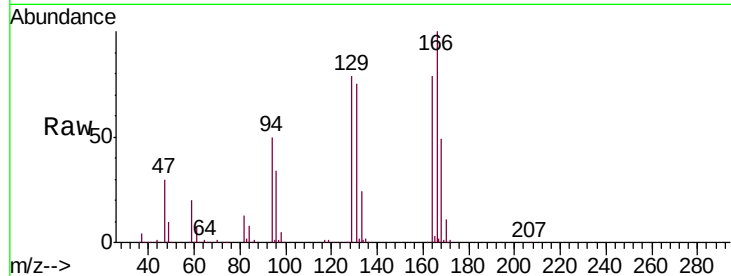




#46
Tetrachloroethene
Concen: 56.314 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030749.D
Acq: 05 Apr 2019 18:34

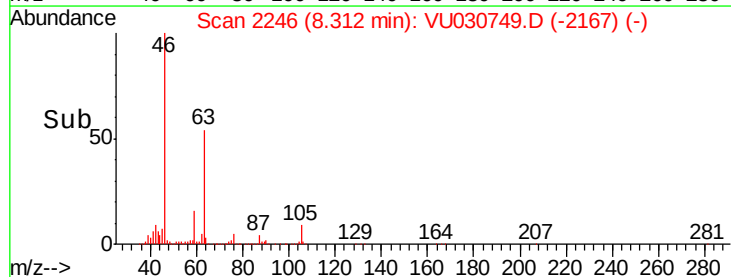
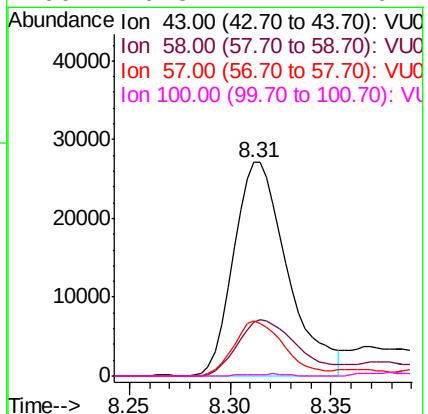
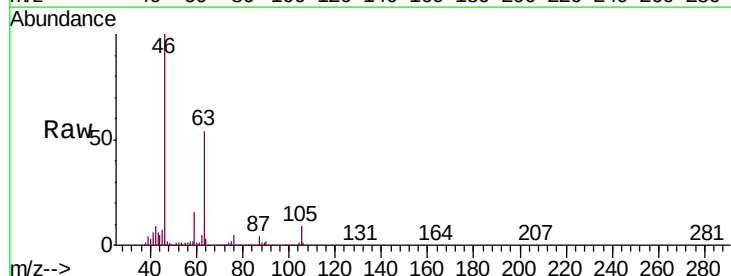
Instrument :
MSVOA_U
ClientSampleId :
BF110ME

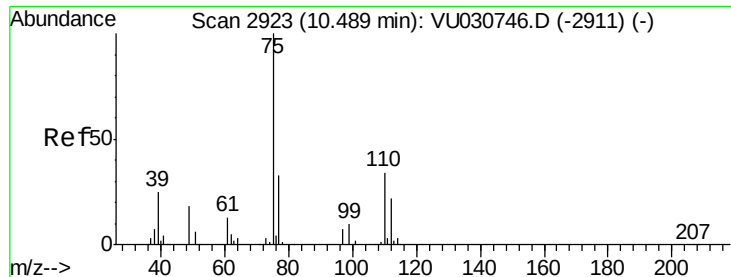
Tgt Ion	Ratio	Lower	Upper
164	100		
129	100.1	67.4	125.2
131	94.6	65.9	122.5
166	125.9	88.6	164.6



#48
2-Hexanone
Concen: 5.443 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU030749.D
Acq: 05 Apr 2019 18:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	41.9	62.9#
57	24.2	14.3	21.5#
100	0.3	7.1	10.7#





#59

1,2,3-Trichloropropane

Concen: 5.649 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030749.D

Acq: 05 Apr 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

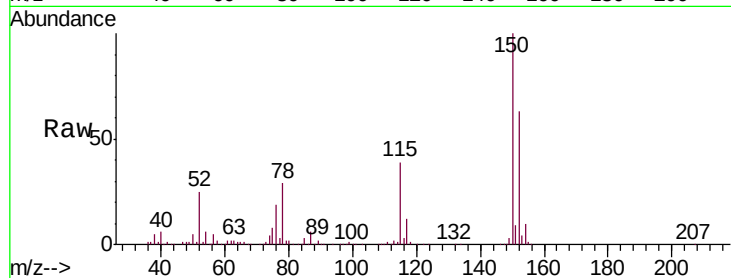
BF110ME

Tgt Ion: 75 Resp: 50243

Ion Ratio Lower Upper

75 100

77 36.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

