

Data File : VU030750.D
Acq On : 05 Apr 2019 18:57
Operator : JC/SP
Sample : K2167-08ME
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF109ME

Quant Time: Apr 06 02:20:34 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	466144	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209171	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	158266	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.06%
7) Chloroethane-d5	1.70	69	304	0.10	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.20%#
11) 1,1-Dichloroethene-d2	2.30	63	238	0.03	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.18	46	350160	106.18	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	4.64	84	281185	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.30	65	206345	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.33	84	586855	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
36) 1,2-Dichloropropane-d6	6.32	67	211042	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.06%
41) Toluene-d8	7.56	98	488509	41.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.28%
43) trans-1,3-Dichloropropene-	7.85	79	92372	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.32	63	229042	110.48	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319494	52.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	197926	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds

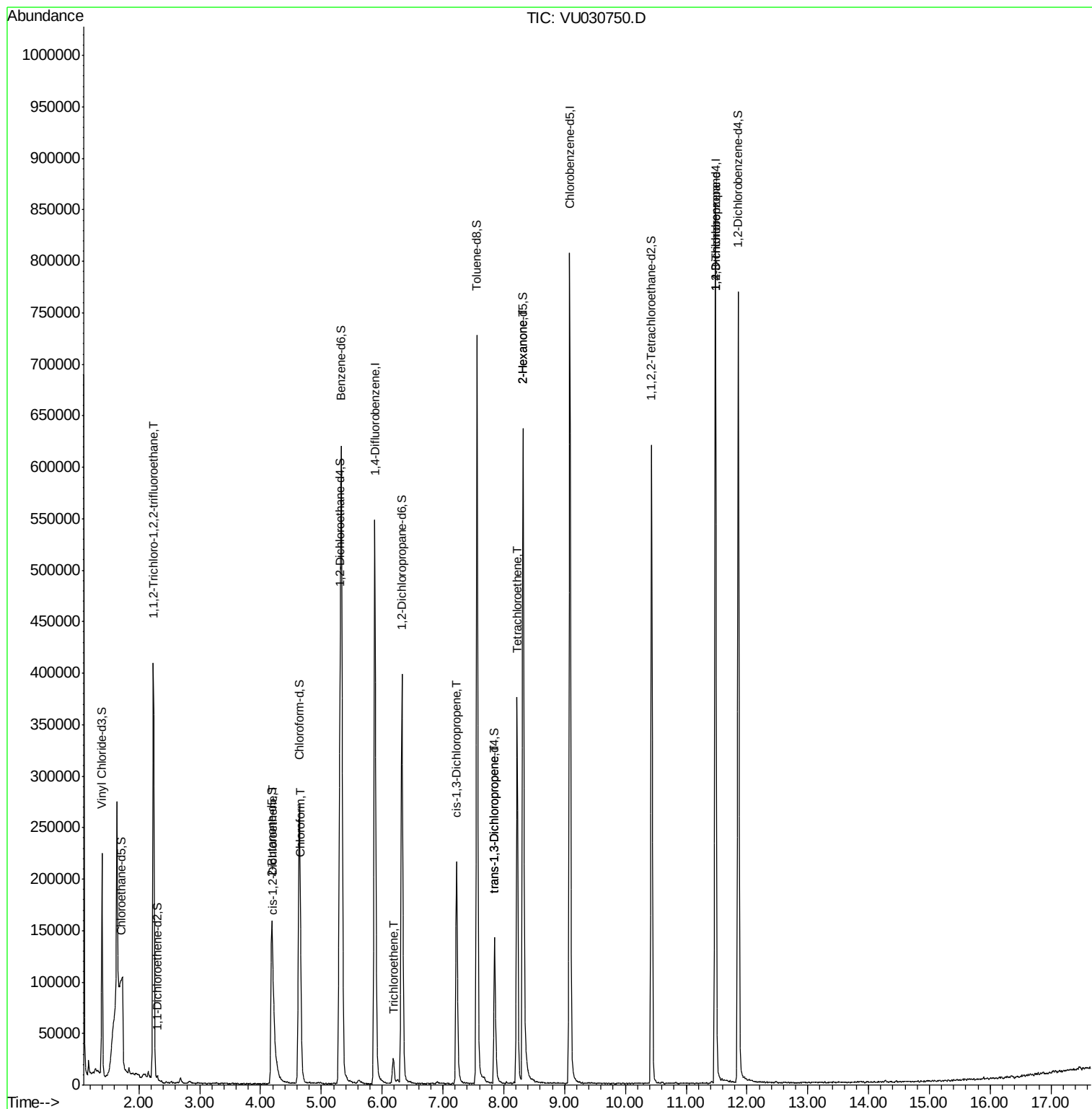
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2159	0.647 ug/L #	21
20) cis-1,2-Dichloroethene	4.21	96	2285	0.605 ug/L	85
25) Chloroform	4.67	83	18014	2.538 ug/L	89
34) Trichloroethene	6.19	95	9059	2.489 ug/L	89
39) cis-1,3-Dichloropropene	7.22	75	5099	0.853 ug/L #	45
44) trans-1,3-Dichloropropene	7.85	75	3896	0.739 ug/L #	82
46) Tetrachloroethene	8.22	164	83742	31.652 ug/L	99
48) 2-Hexanone	8.32	43	29443	5.586 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	27590	5.483 ug/L	91

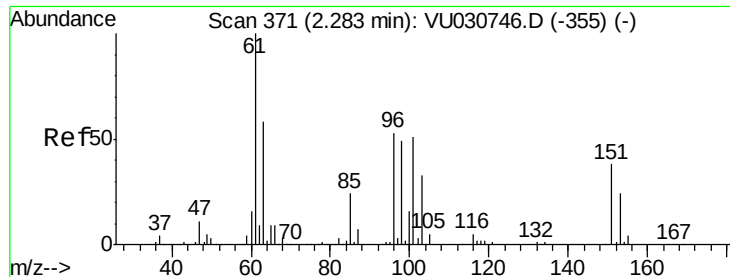
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.647 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU030750.D

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MSVOA_U

ClientSampleId :

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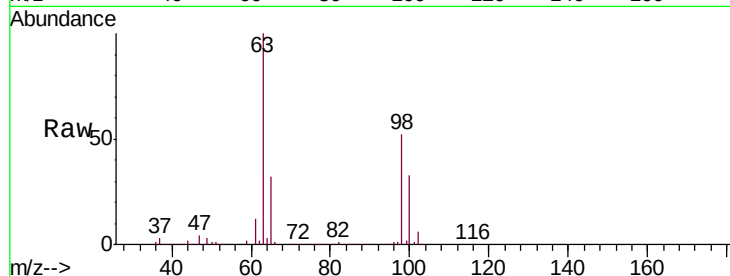
Tgt Ion: 101 Resp: 2159

Ion Ratio Lower Upper

101 100

85 2.0 36.8 55.2#

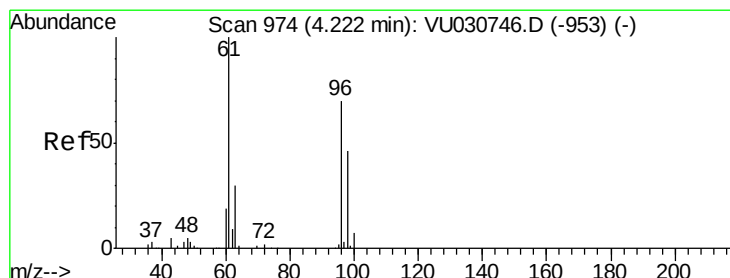
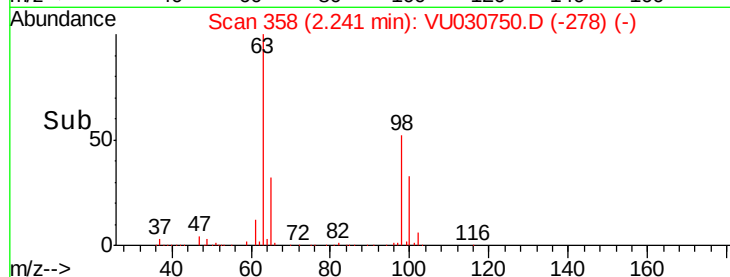
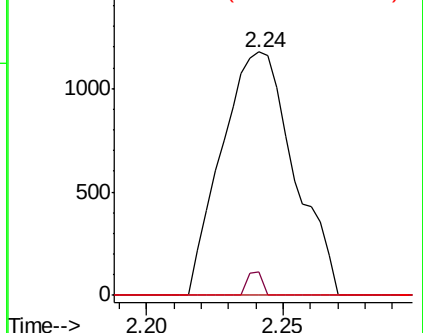
151 0.0 57.4 86.0#



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



#20

cis-1,2-Dichloroethene

Concen: 0.605 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU030750.D

Acq: 05 Apr 2019 18:57

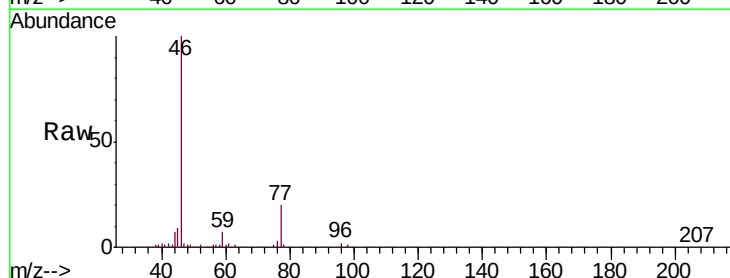
Tgt Ion: 96 Resp: 2285

Ion Ratio Lower Upper

96 100

61 128.8 102.9 191.1

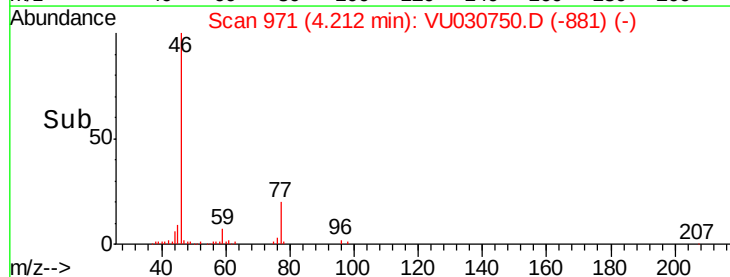
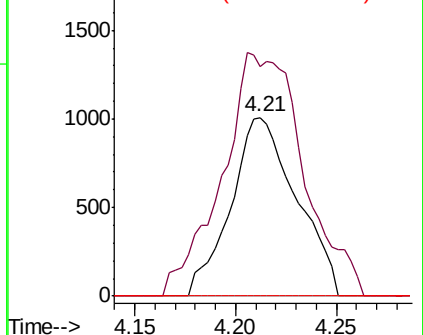
68 0.0 0.0 0.0

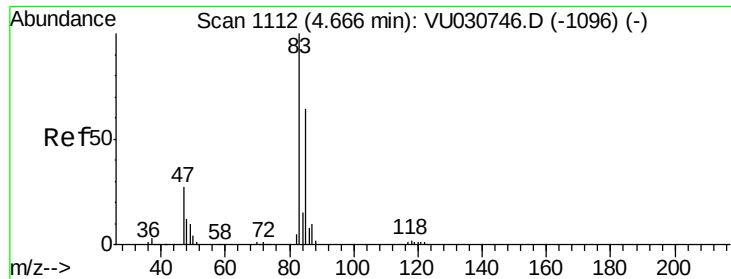


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

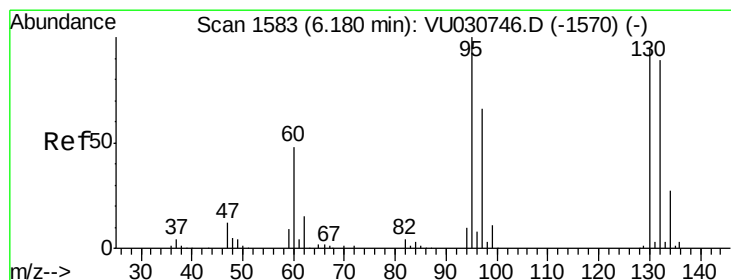
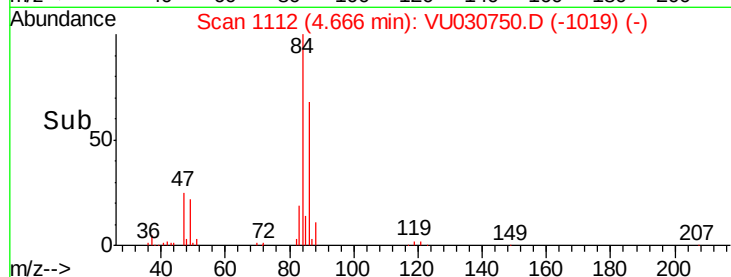
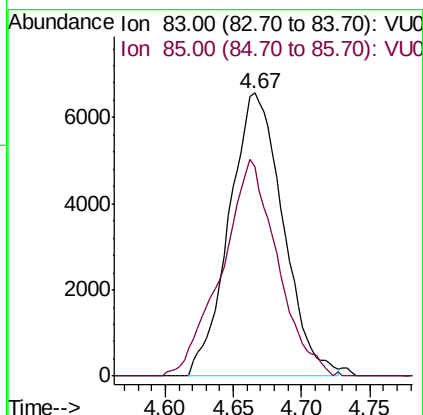
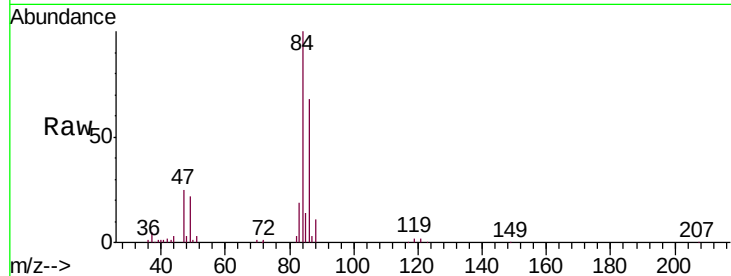




#25
Chloroform
Concen: 2.538 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030750.D
Acq: 05 Apr 2019 18:57

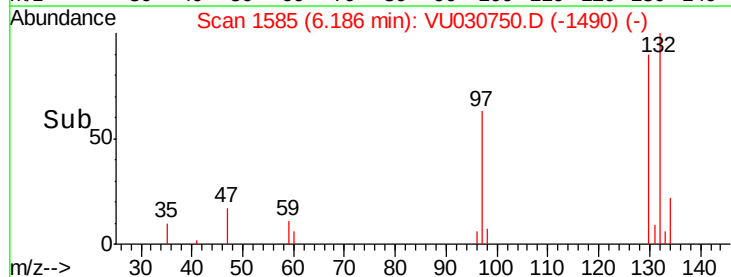
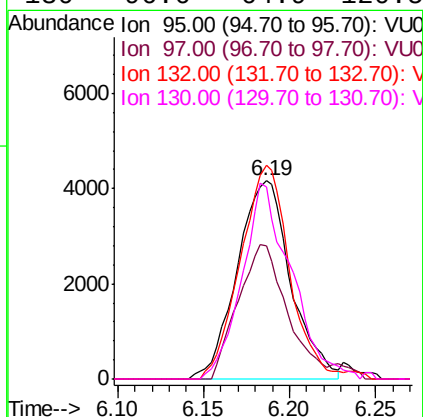
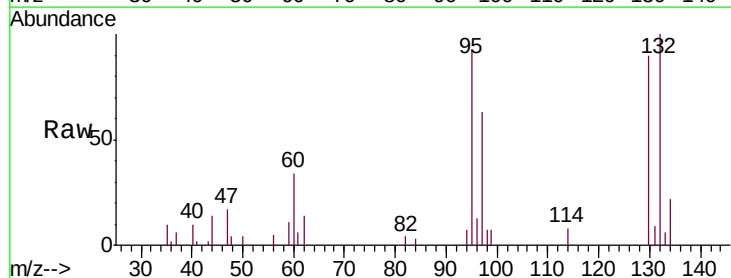
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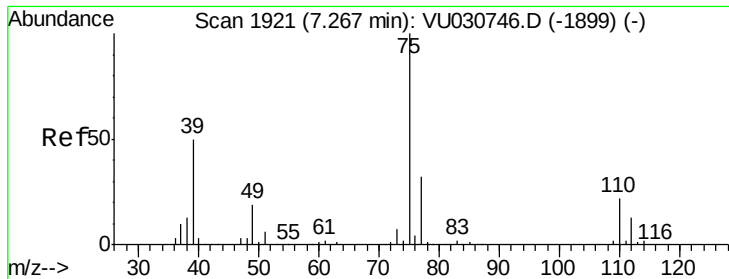
Tgt Ion: 83 Resp: 18014
Ion Ratio Lower Upper
83 100
85 74.1 45.8 85.0



#34
Trichloroethene
Concen: 2.489 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU030750.D
Acq: 05 Apr 2019 18:57

Tgt Ion: 95 Resp: 9059
Ion Ratio Lower Upper
95 100
97 67.4 44.5 82.7
132 107.7 61.5 114.1
130 96.6 64.9 120.5

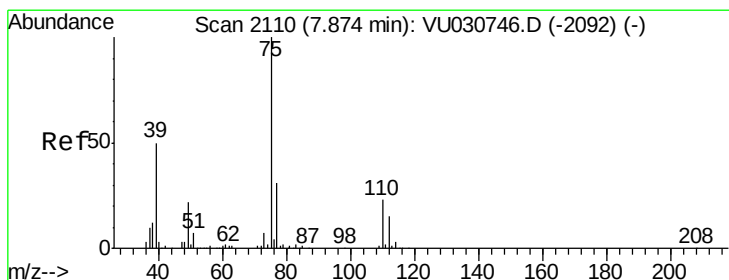
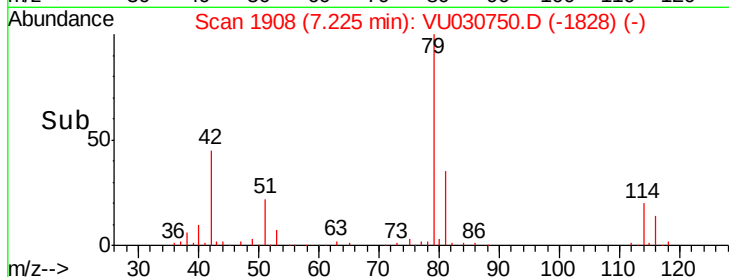
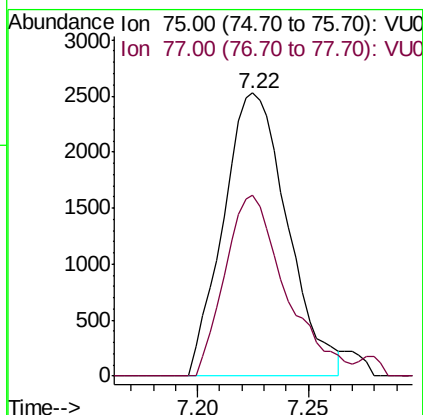
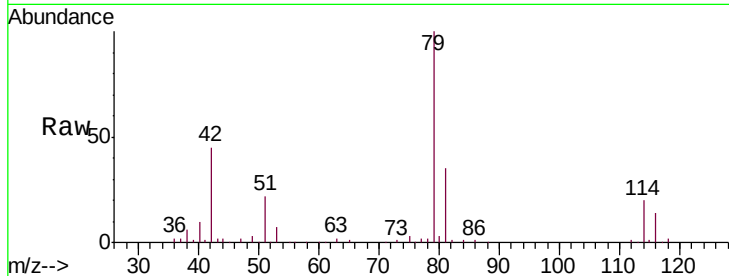




#39
 cis-1,3-Dichloropropene
 Concen: 0.853 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030750.D
 Acq: 05 Apr 2019 18:57

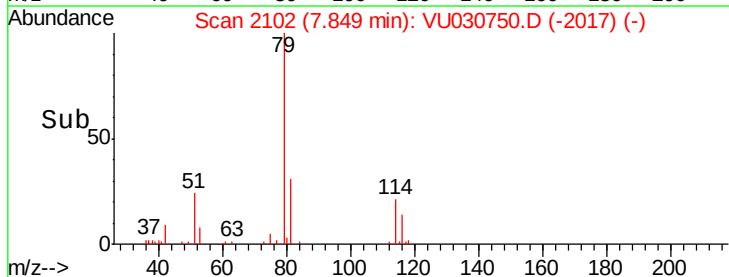
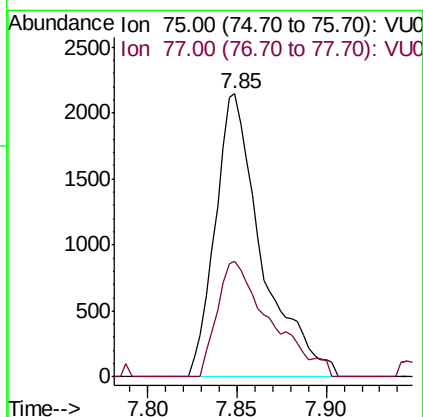
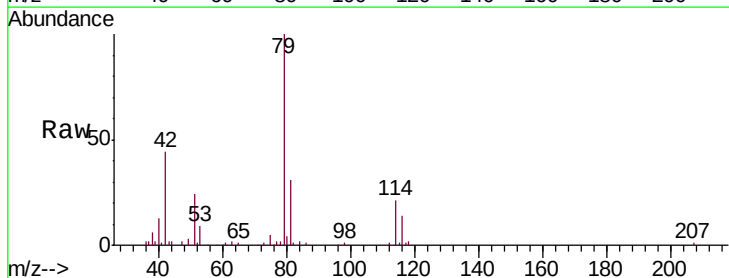
Instrument :
 MSVOA_U
 ClientSampleId :
 BF109ME

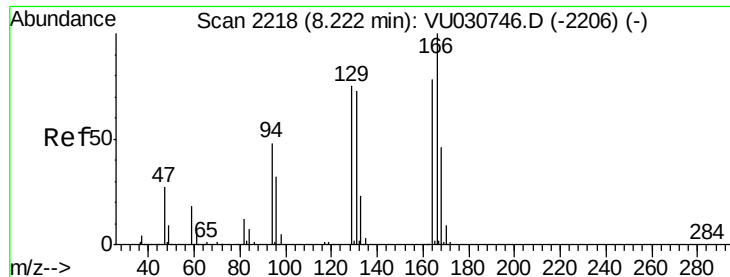
Tgt Ion: 75 Resp: 5099
 Ion Ratio Lower Upper
 75 100
 77 63.9 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.739 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030750.D
 Acq: 05 Apr 2019 18:57

Tgt Ion: 75 Resp: 3896
 Ion Ratio Lower Upper
 75 100
 77 40.9 21.6 40.0#





#46

Tetrachloroethene

Concen: 31.652 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030750.D

Acq: 05 Apr 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

BF109ME

Tgt Ion:164 Resp: 83742

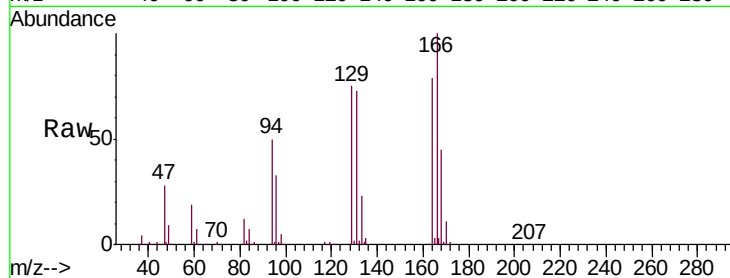
Ion Ratio Lower Upper

164 100

129 96.0 67.4 125.2

131 93.4 65.9 122.5

166 127.3 88.6 164.6

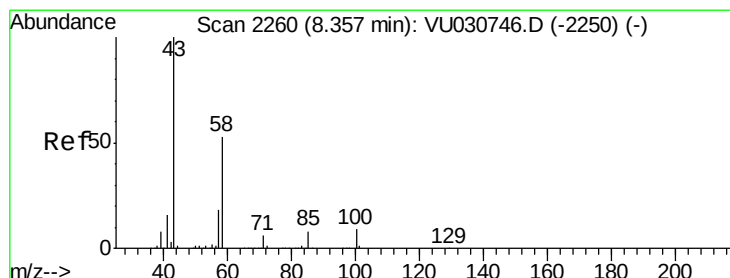
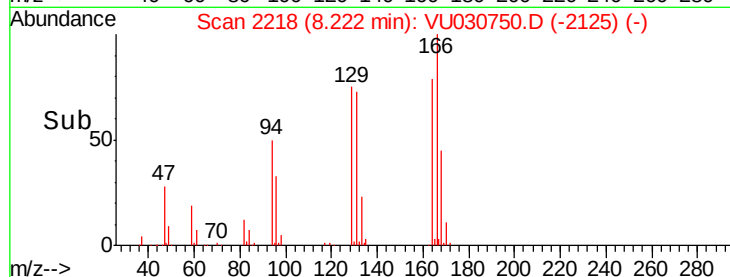
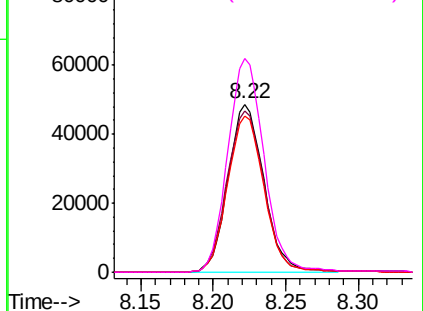


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.586 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

Lab File: VU030750.D

Acq: 05 Apr 2019 18:57

Tgt Ion: 43 Resp: 29443

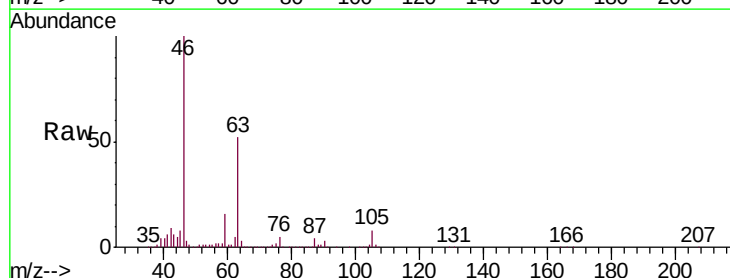
Ion Ratio Lower Upper

43 100

58 30.8 41.9 62.9#

57 28.0 14.3 21.5#

100 0.5 7.1 10.7#

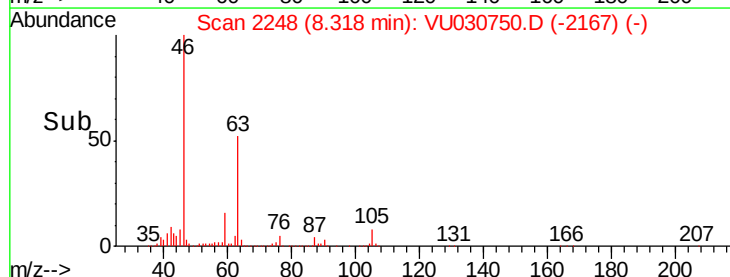
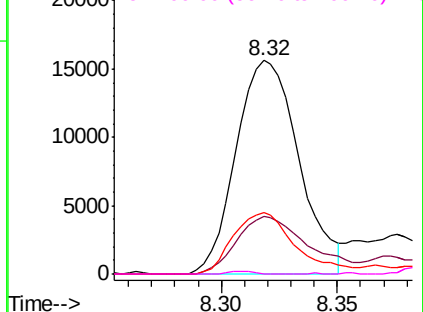


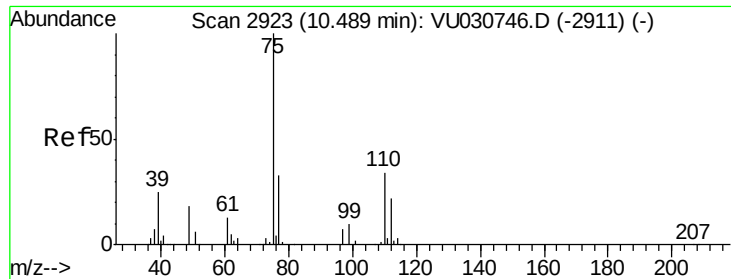
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 5.483 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030750.D

Acq: 05 Apr 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

BF109ME

Tgt Ion: 75 Resp: 27590

Ion Ratio Lower Upper

75 100

77 37.6 26.1 39.1

