

Data File : VU030156.D
Acq On : 16 Mar 2019 19:35
Operator : JC/SP
Sample : K1936-13
Misc : 6.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOX1

Quant Time: Mar 18 04:30:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	599759	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	602524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138941	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.04%
7) Chloroethane-d5	1.64	69	67776	21.16	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.32%#
11) 1,1-Dichloroethene-d2	2.23	63	197185	27.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.08%#
21) 2-Butanone-d5	4.19	46	278905	93.83	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.83%
24) Chloroform-d	4.64	84	287412	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.78%
26) 1,2-Dichloroethane-d4	5.30	65	173199	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
32) Benzene-d6	5.33	84	603980	38.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.88%
36) 1,2-Dichloropropane-d6	6.32	67	195252	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.26%
41) Toluene-d8	7.56	98	545440	37.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.12%#
43) trans-1,3-Dichloropropene-	7.85	79	88536	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.00%
47) 2-Hexanone-d5	8.32	63	254542	95.83	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	350788	48.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	265113	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%

Target Compounds

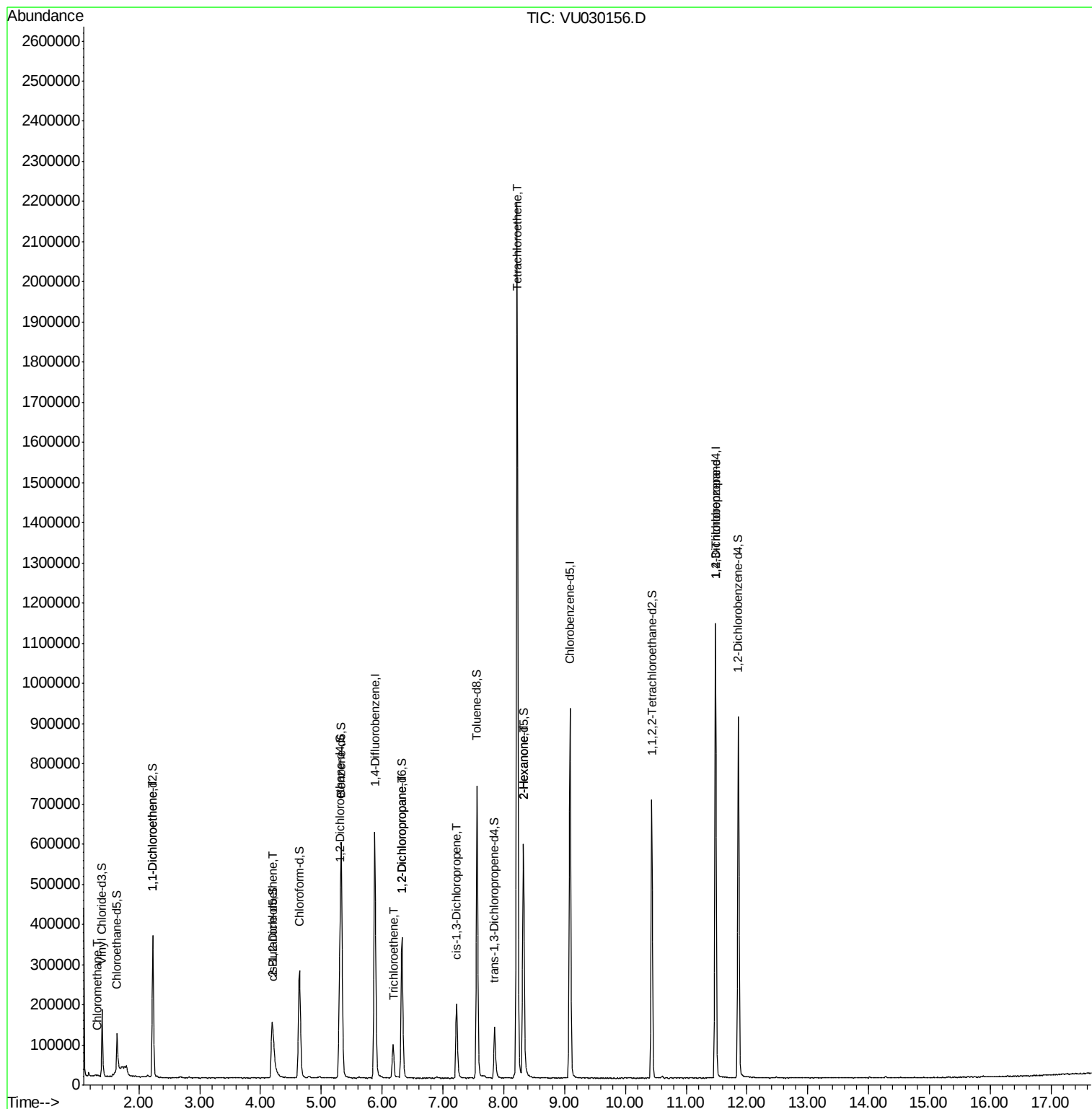
					Qvalue
3) Chloromethane	1.32	50	2849	0.681 ug/L	96
12) 1,1-Dichloroethene	2.23	96	3165	0.842 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	11444	2.456 ug/L	99
34) Trichloroethene	6.18	95	30448	6.738 ug/L	95
37) 1,2-Dichloropropane	6.32	63	19112	4.214 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	4901	0.694 ug/L #	58
46) Tetrachloroethene	8.22	164	533015	134.786 ug/L	99
48) 2-Hexanone	8.32	43	24121	4.617 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	33181	5.618 ug/L	93

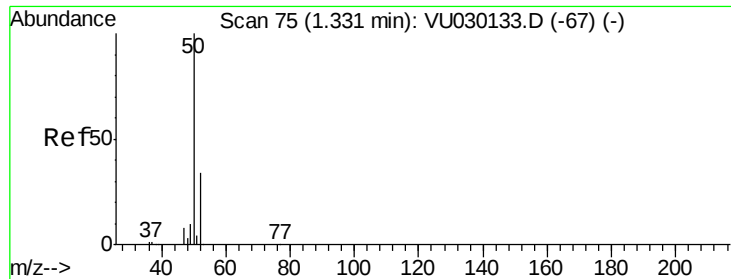
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.681 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030156.D

Acq: 16 Mar 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

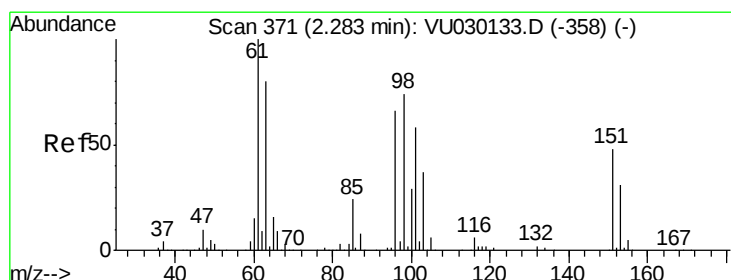
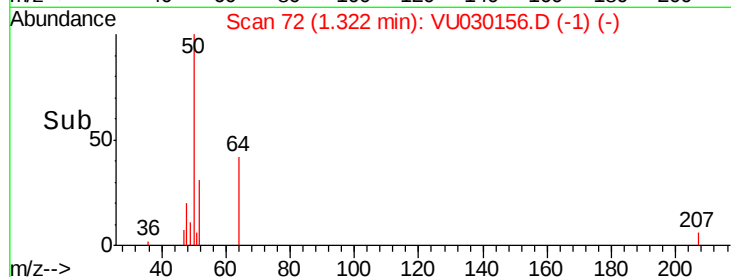
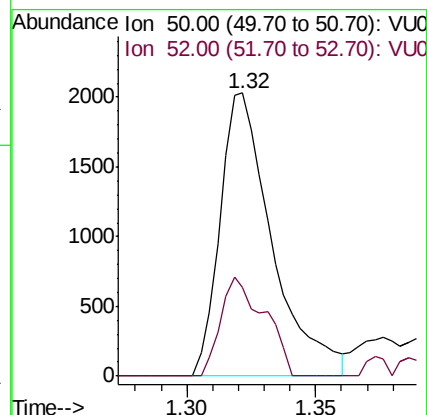
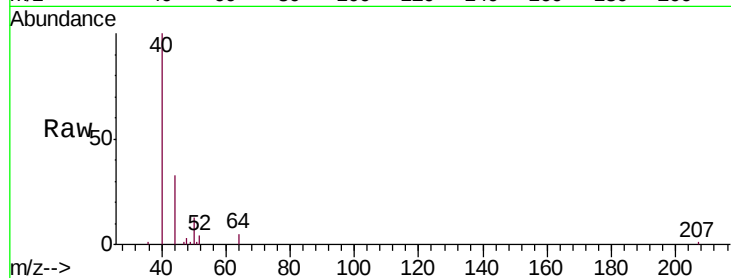
BF0X1

Tgt Ion: 50 Resp: 2849

Ion Ratio Lower Upper

50 100

52 31.2 23.4 43.6



#12

1,1-Dichloroethene

Concen: 0.842 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030156.D

Acq: 16 Mar 2019 19:35

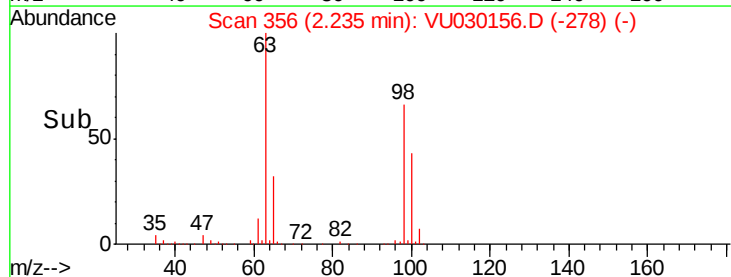
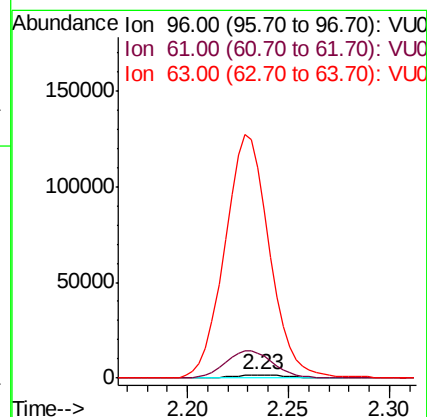
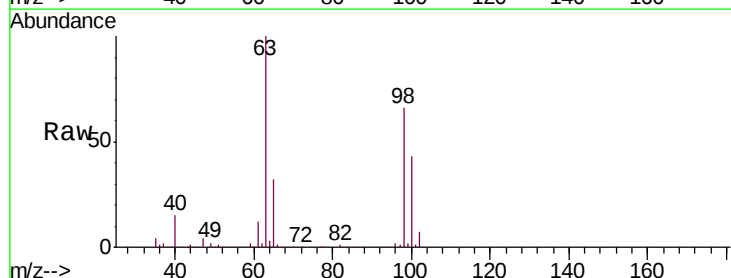
Tgt Ion: 96 Resp: 3165

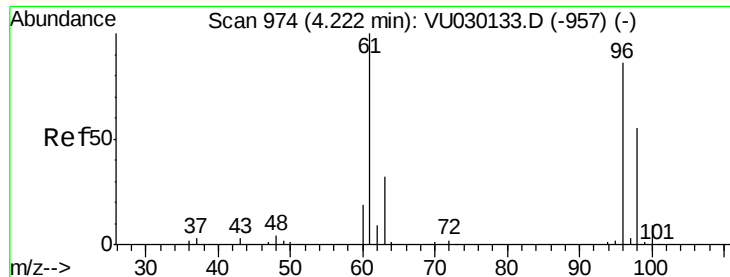
Ion Ratio Lower Upper

96 100

61 781.5 110.4 205.0#

63 6494.5 86.5 160.7#

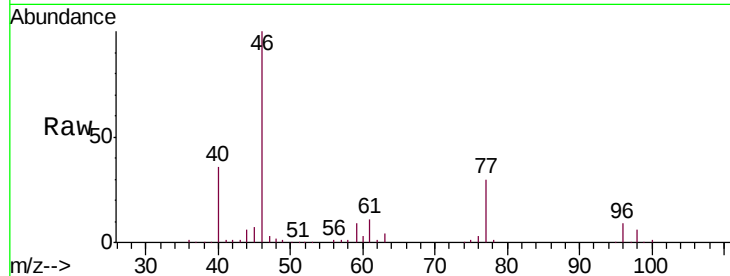




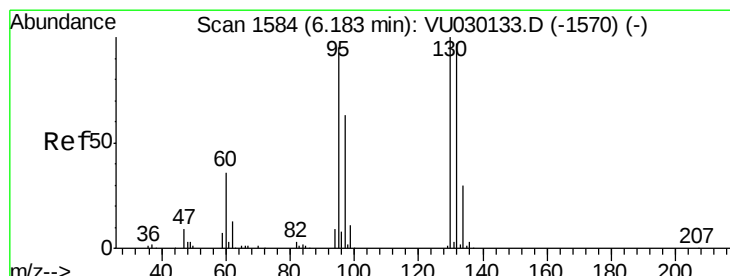
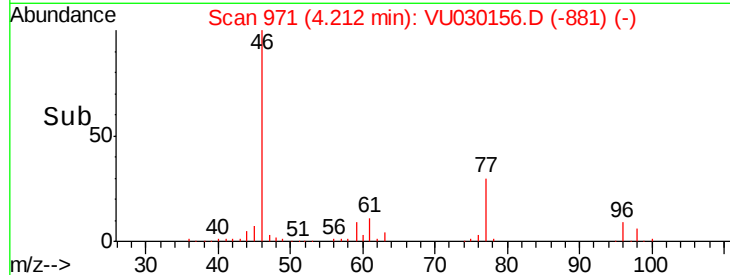
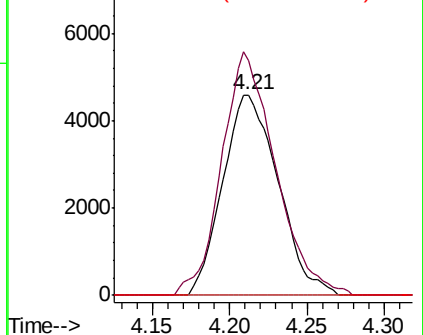
#20
 cis-1,2-Dichloroethene
 Concen: 2.456 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU030156.D
 Acq: 16 Mar 2019 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BFOX1

Tgt Ion: 96 Resp: 11444
 Ion Ratio Lower Upper
 96 100
 61 117.0 80.8 150.2
 68 0.0 0.0 0.0

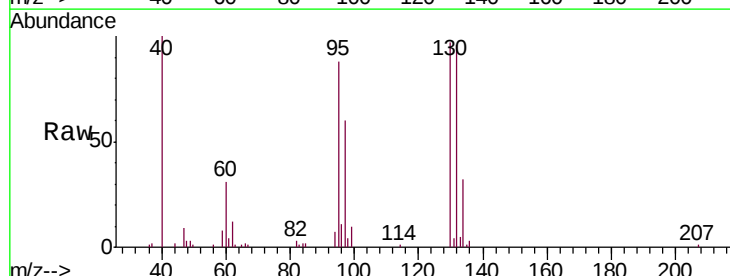


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

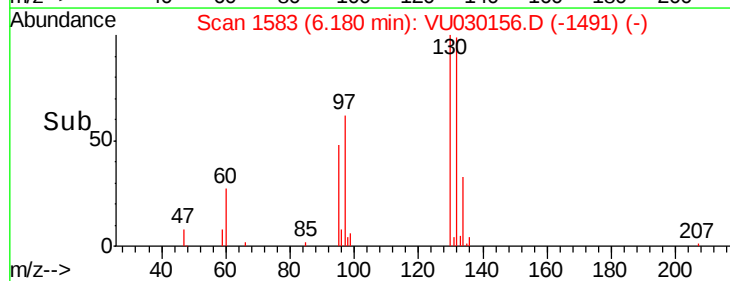
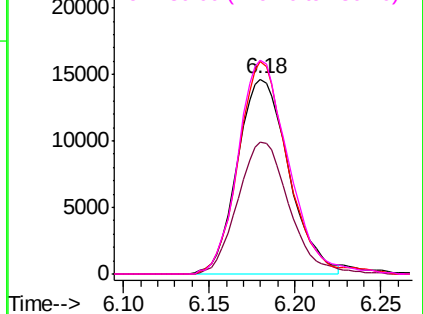


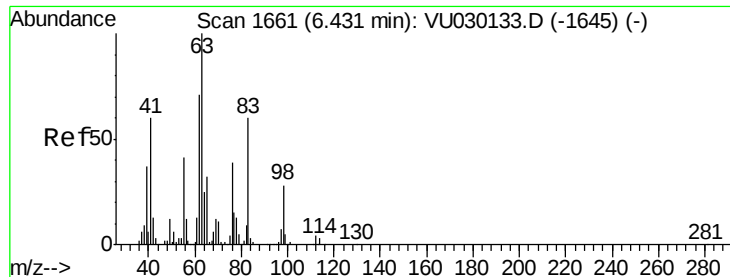
#34
 Trichloroethene
 Concen: 6.738 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030156.D
 Acq: 16 Mar 2019 19:35

Tgt Ion: 95 Resp: 30448
 Ion Ratio Lower Upper
 95 100
 97 67.9 45.5 84.5
 132 109.0 71.5 132.7
 130 109.7 73.5 136.5



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

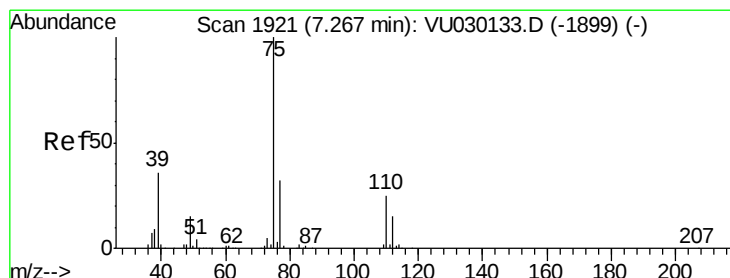
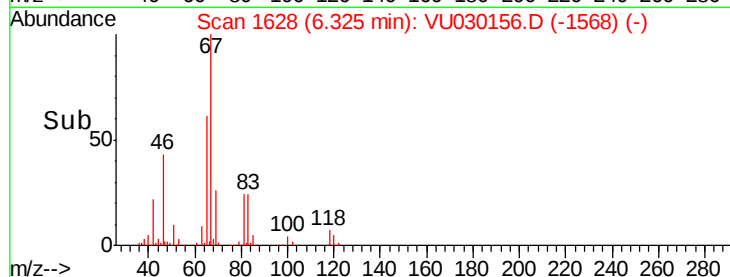
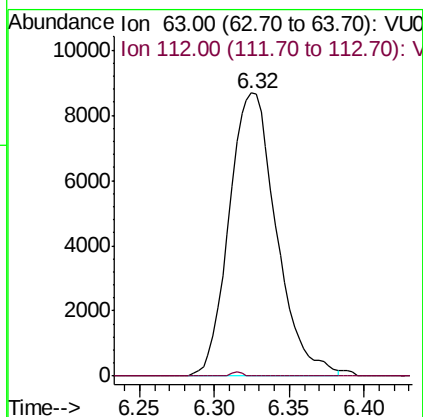
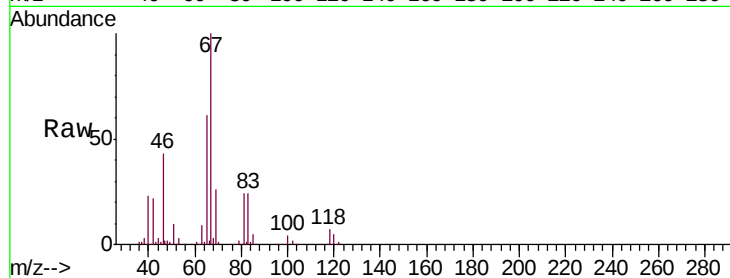




#37
 1,2-Dichloropropane
 Concen: 4.214 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU030156.D
 Acq: 16 Mar 2019 19:35

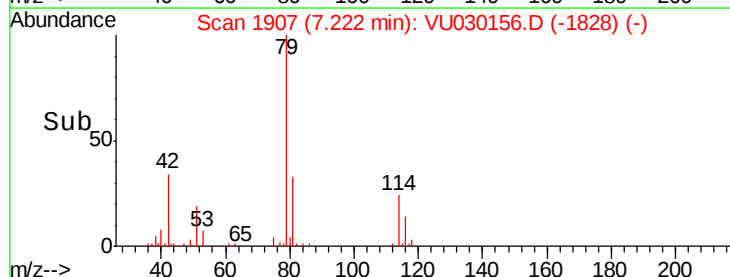
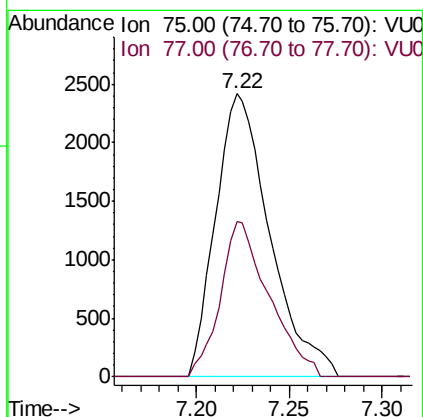
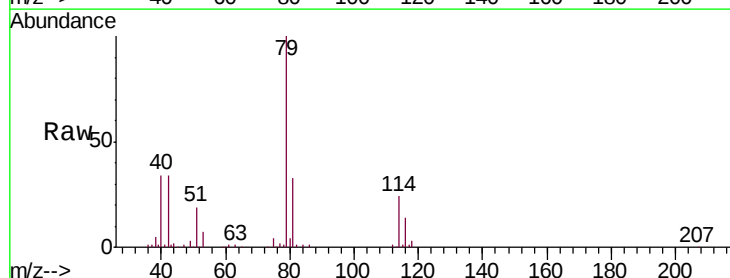
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0X1

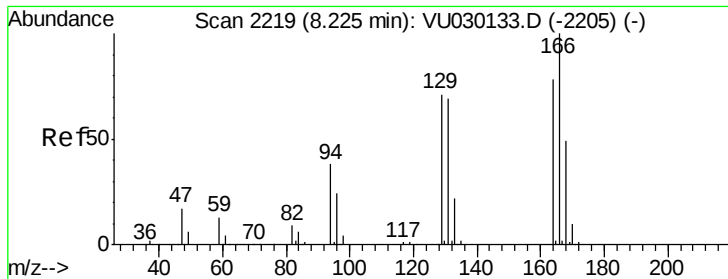
Tgt Ion: 63 Resp: 19112
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.694 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030156.D
 Acq: 16 Mar 2019 19:35

Tgt Ion: 75 Resp: 4901
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.2 41.2#

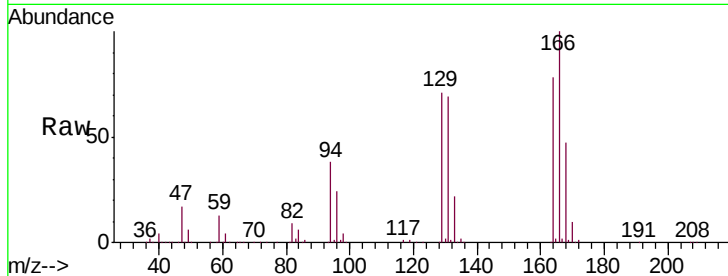




#46
Tetrachloroethene
Concen: 134.786 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030156.D
Acq: 16 Mar 2019 19:35

Instrument :
MSVOA_U
ClientSampleId :
BF0X1

Tgt Ion:	164	Resp:	533015
Ion	Ratio	Lower	Upper
164	100		
129	91.0	63.3	117.7
131	88.2	62.0	115.2
166	127.8	90.5	168.1



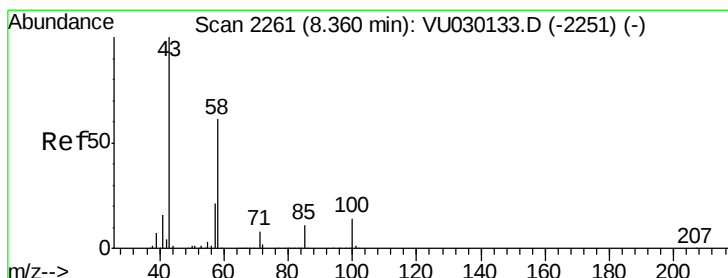
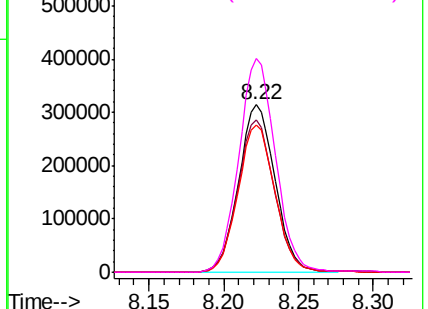
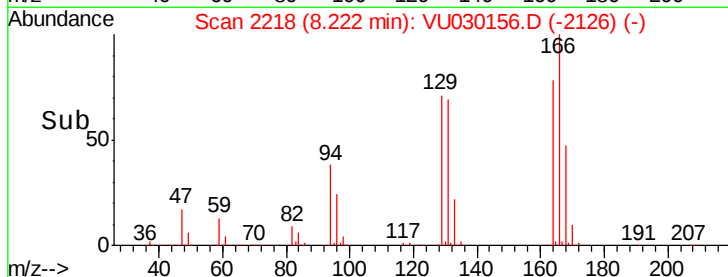
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

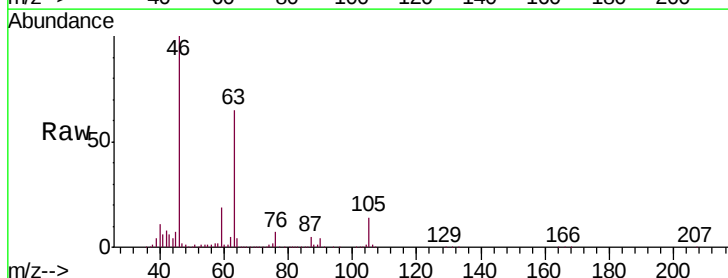
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 4.617 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030156.D
Acq: 16 Mar 2019 19:35

Tgt Ion:	43	Resp:	24121
Ion	Ratio	Lower	Upper
43	100		
58	30.2	48.6	72.8#
57	26.4	16.1	24.1#
100	0.0	11.6	17.4#



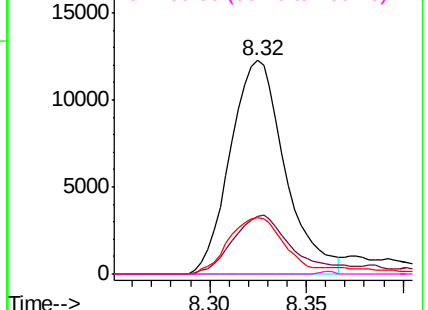
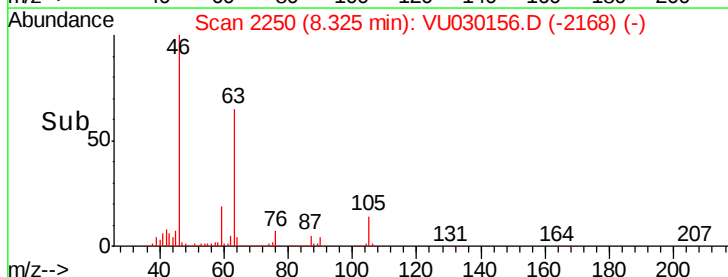
Abundance

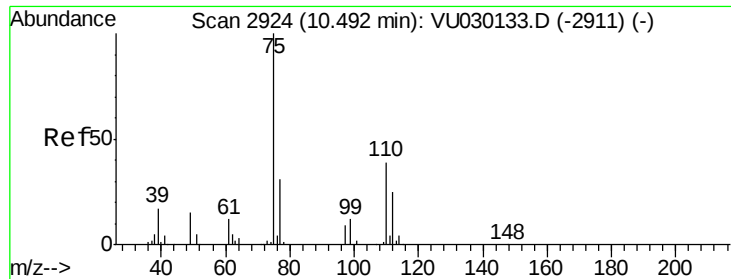
Ion 43.00 (42.70 to 43.70): VU0

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: 5.618 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030156.D

Acq: 16 Mar 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

BF0X1

Tgt Ion: 75 Resp: 33181

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8

