

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031063.D
 Acq On : 11 Apr 2019 12:40
 Operator : JC/SP
 Sample : K2339-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC47

Quant Time: Apr 12 03:13:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 03:03:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489849	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476868	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207436	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	203497	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.08%
7) Chloroethane-d5	1.68	69	169308	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.02%
11) 1,1-Dichloroethene-d2	2.27	63	287966	36.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.82%
21) 2-Butanone-d5	4.17	46	352475	101.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.71%
24) Chloroform-d	4.64	84	352760	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
26) 1,2-Dichloroethane-d4	5.30	65	243466	53.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.84%
32) Benzene-d6	5.33	84	726420	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
36) 1,2-Dichloropropane-d6	6.32	67	248457	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.16%
41) Toluene-d8	7.56	98	628469	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%
43) trans-1,3-Dichloropropene-	7.85	79	105057	48.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.58%
47) 2-Hexanone-d5	8.31	63	203697	93.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	334123	51.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	232639	57.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.06%

Target Compounds

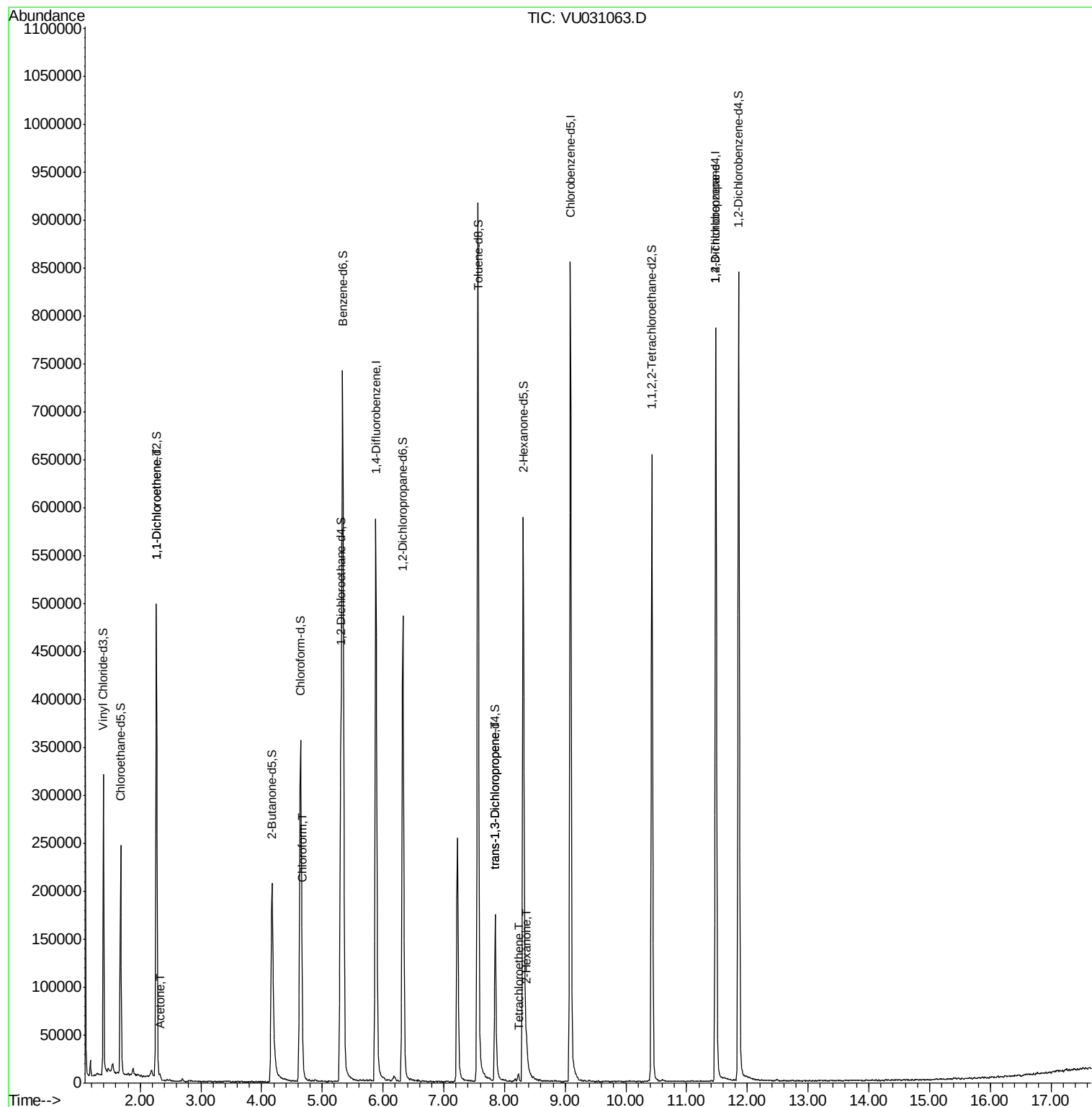
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	1931	0.570	ug/L #	1
13) Acetone	2.32	43	2380	0.671	ug/L	94
25) Chloroform	4.67	83	13260	1.778	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4104	0.740	ug/L #	80
46) Tetrachloroethene	8.23	164	1704	0.612	ug/L #	78
48) 2-Hexanone	8.36	43	11716	2.113	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	26670	5.039	ug/L	96

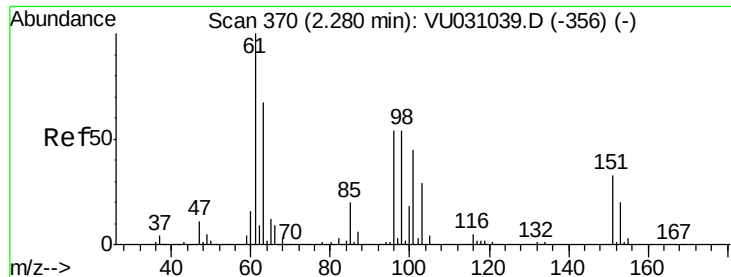
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.570 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031063.D

Acq: 11 Apr 2019 12:40

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MSVOA_U

ClientSampleId :

BFC47

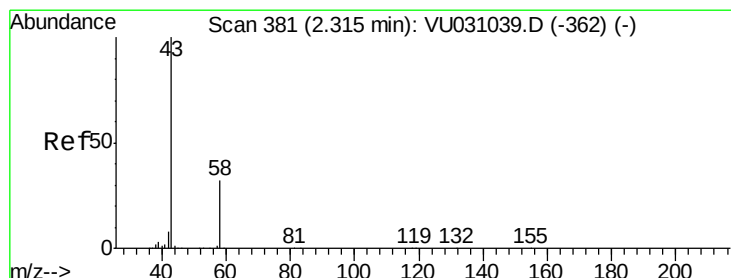
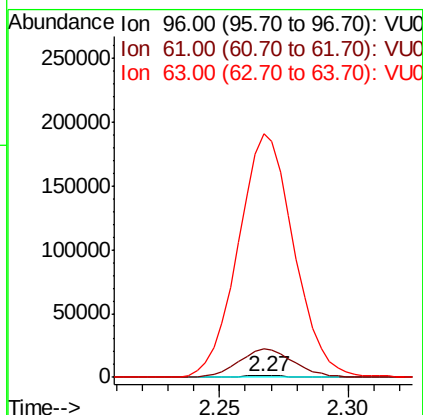
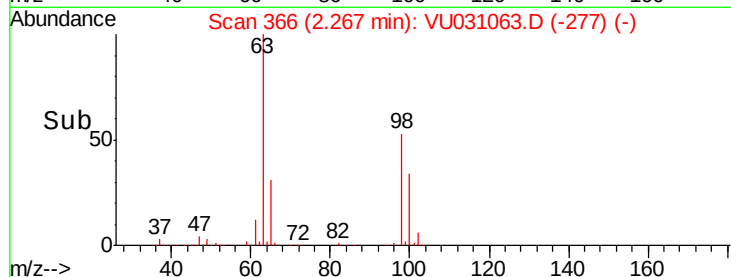
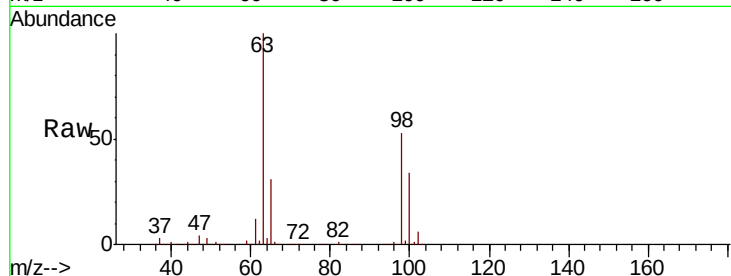
Tot Ion: 96 Resp: 1931

Ion Ratio Lower Upper

96 100

61 1717.1 132.0 245.2#

63 14873.5 90.9 168.9#



#13

Acetone

Concen: 0.671 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031063.D

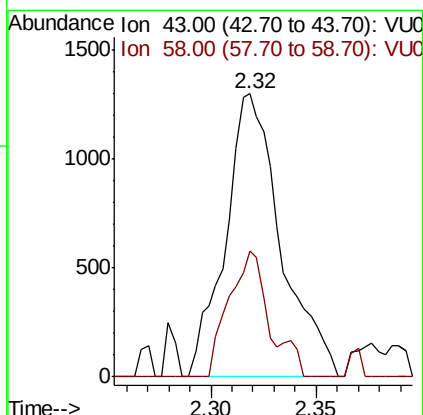
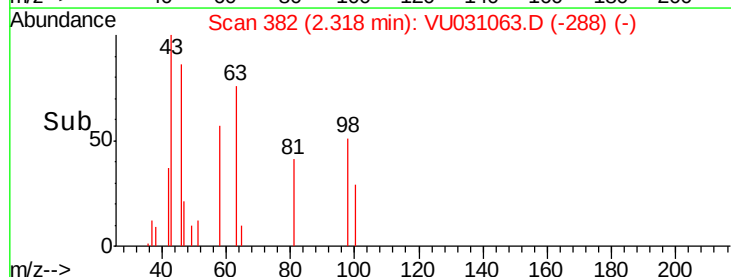
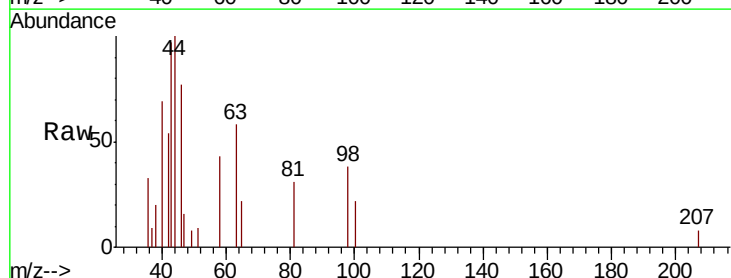
Acq: 11 Apr 2019 12:40

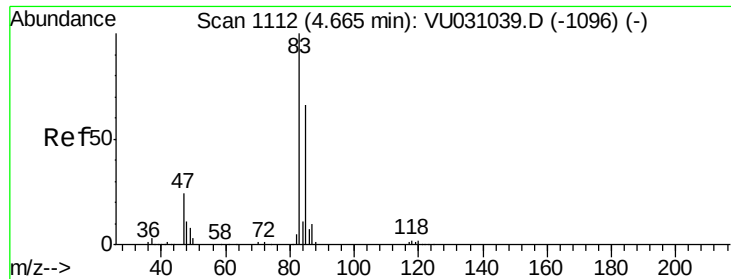
Tgt Ion: 43 Resp: 2380

Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.0

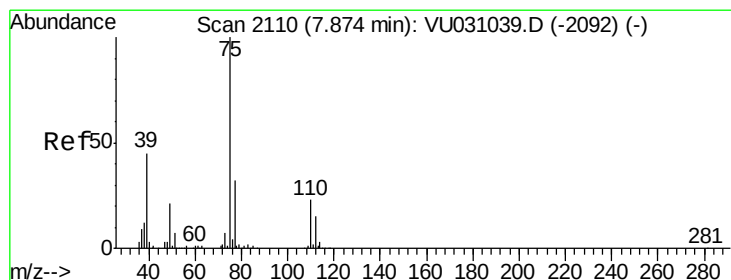
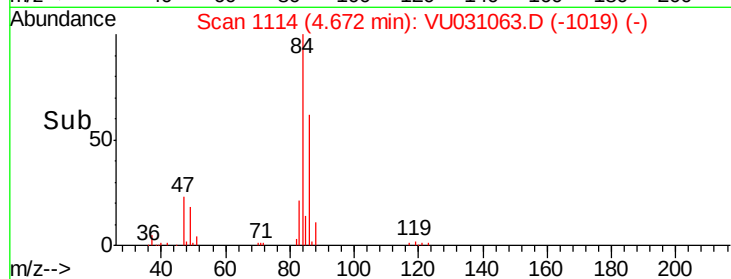
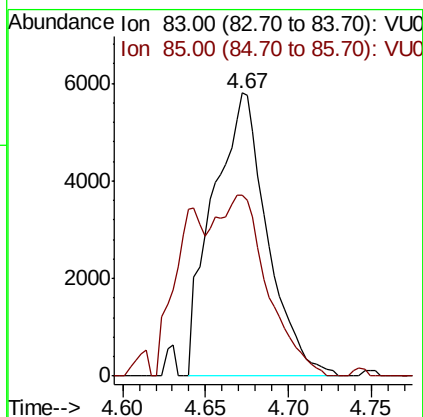
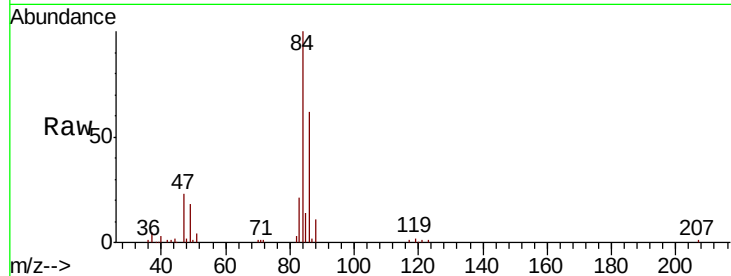




#25
Chloroform
Concen: 1.778 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031063.D
Acq: 11 Apr 2019 12:40

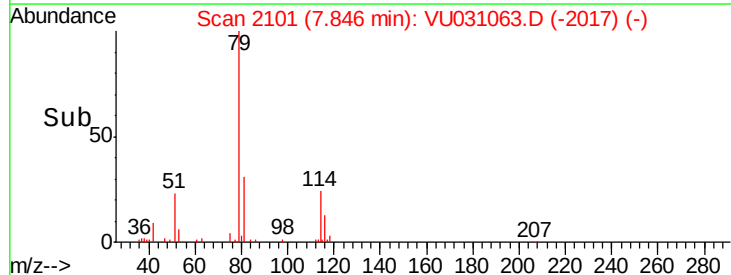
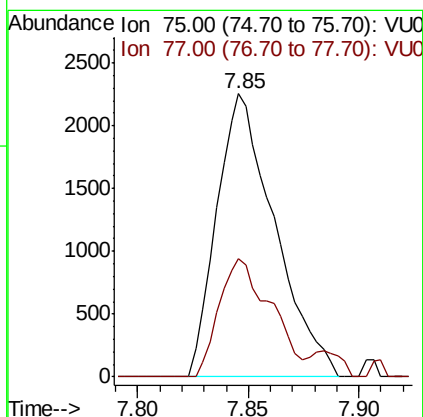
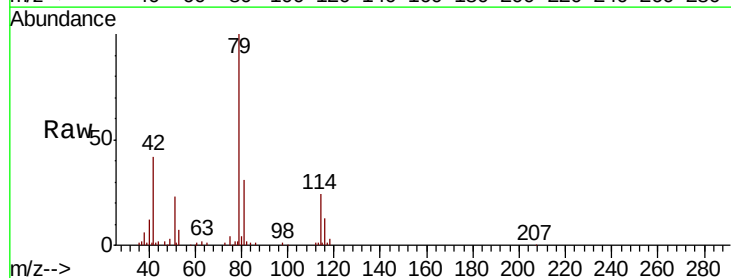
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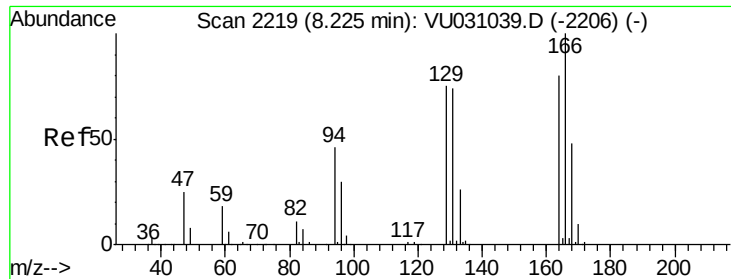
Tot Ion: 83 Resp: 13260
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.740 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031063.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 75 Resp: 4104
Ion Ratio Lower Upper
75 100
77 41.8 21.6 40.0#

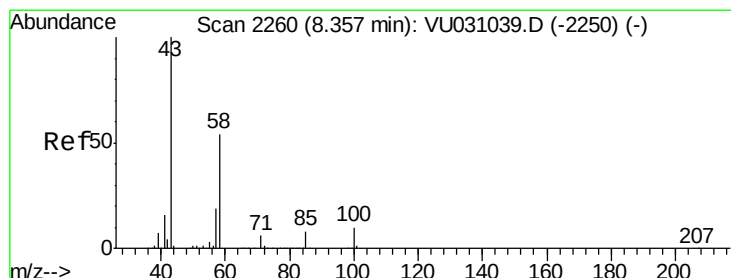
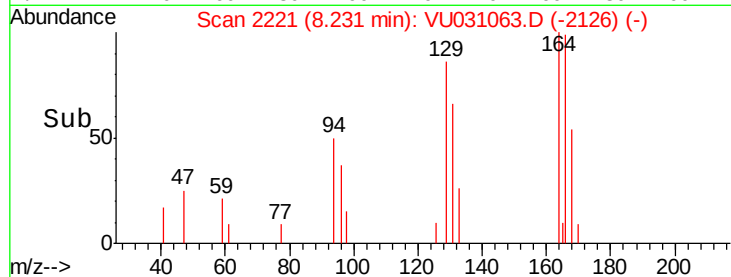
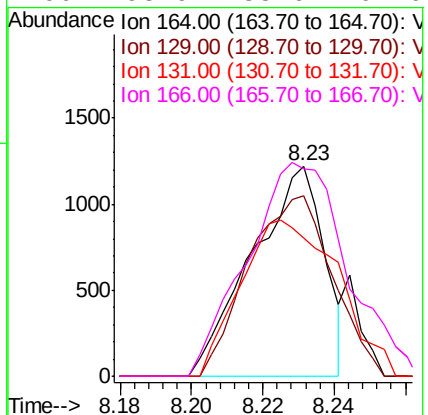
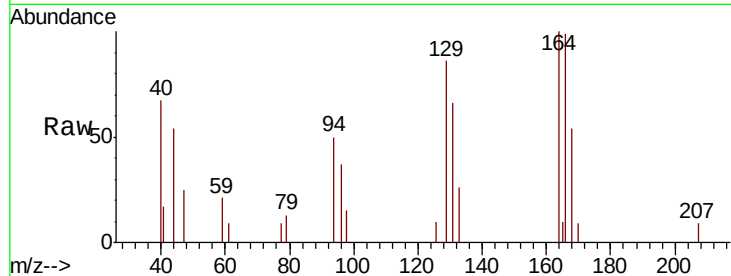




#46
Tetrachloroethene
Concen: 0.612 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU031063.D
Acq: 11 Apr 2019 12:40

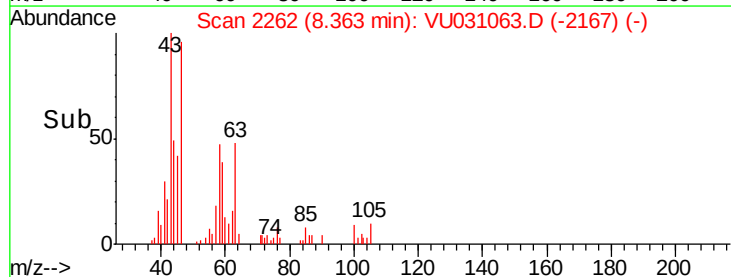
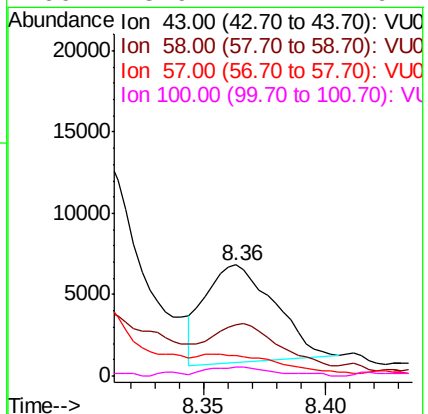
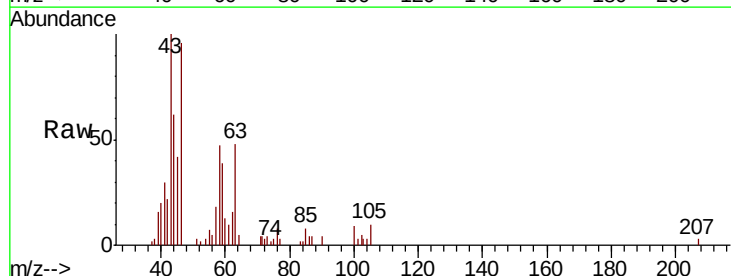
Instrument :
MSVOA_U
ClientSampleId :
BFC47

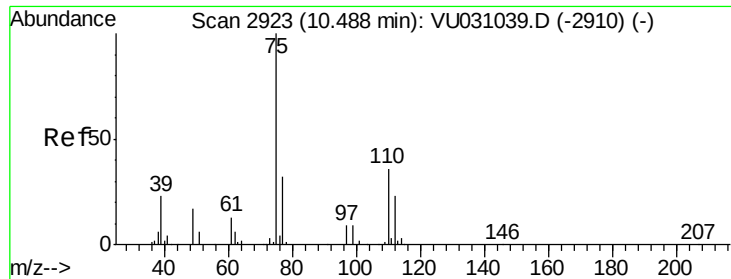
Tot Ion:164 Resp: 1704
Ion Ratio Lower Upper
164 100
129 85.5 67.4 125.2
131 65.6 65.9 122.5#
166 98.9 88.6 164.6



#48
2-Hexanone
Concen: 2.113 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031063.D
Acq: 11 Apr 2019 12:40

Tgt Ion: 43 Resp: 11716
Ion Ratio Lower Upper
43 100
58 58.8 41.9 62.9
57 0.0 14.3 21.5#
100 3.9 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 5.039 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031063.D

Acq: 11 Apr 2019 12:40

Instrument :

MSVOA_U

ClientSampleId :

BFC47

Tot Ion: 75 Resp: 26670

Ion Ratio Lower Upper

75 100

77 34.6 26.1 39.1

