

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031060.D
 Acq On : 11 Apr 2019 11:31
 Operator : JC/SP
 Sample : K2341-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB723

Quant Time: Apr 12 04:22:15 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	450843	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445651	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205044	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	209225	51.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.98%
7) Chloroethane-d5	1.68	69	173530	56.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.62%
11) 1,1-Dichloroethene-d2	2.27	63	276721	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	4.17	46	338380	106.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.09%
24) Chloroform-d	4.64	84	344939	56.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.22%
26) 1,2-Dichloroethane-d4	5.30	65	232719	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
32) Benzene-d6	5.33	84	665564	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
36) 1,2-Dichloropropane-d6	6.32	67	232858	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.46%
41) Toluene-d8	7.56	98	586830	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%
43) trans-1,3-Dichloropropene-	7.85	79	98475	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.31	63	200755	98.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317895	52.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	227030	56.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

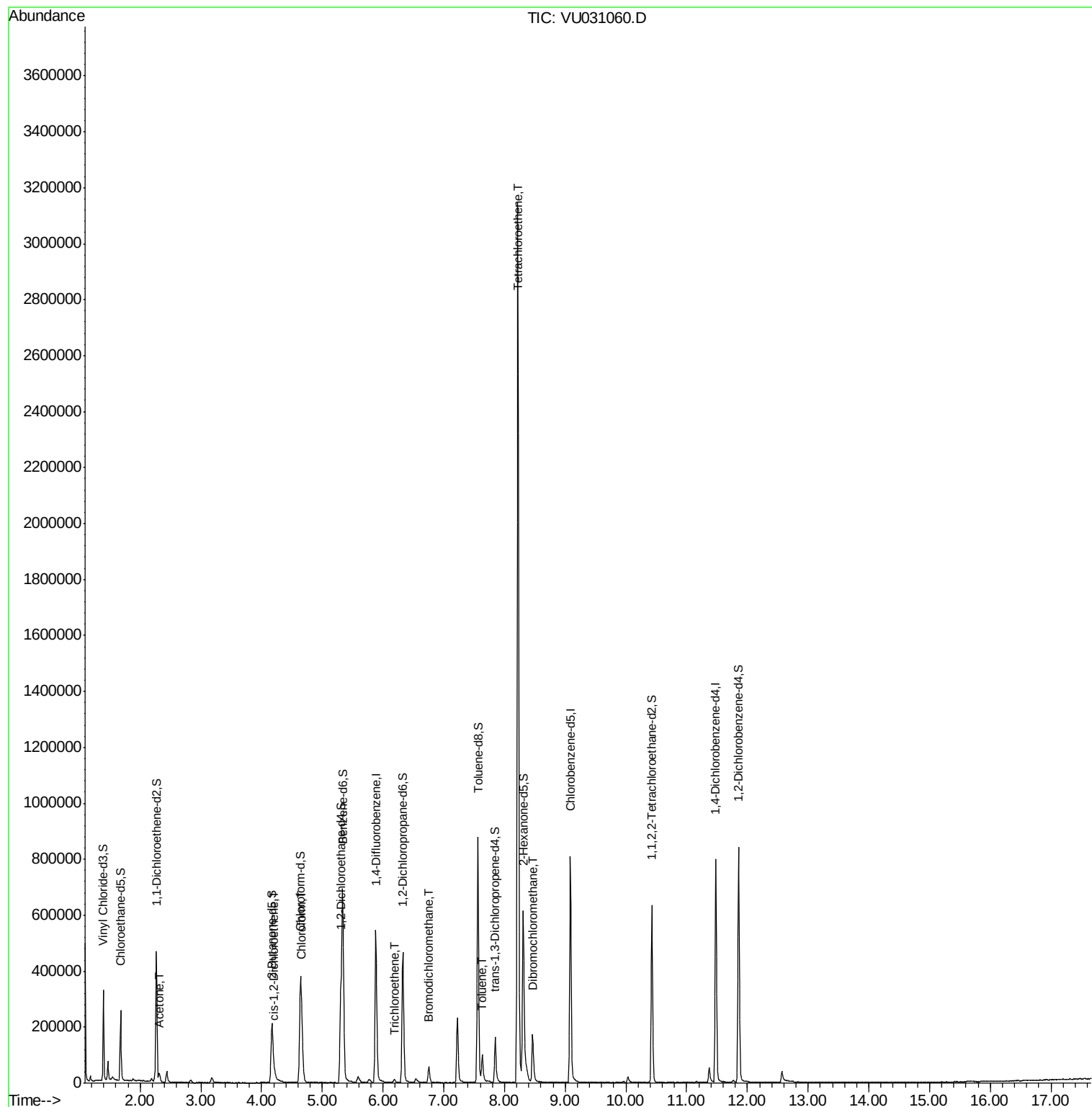
					Ovalue
13) Acetone	2.32	43	30882	9.462 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	4244	1.162 ug/L	67
25) Chloroform	4.67	83	119819	17.458 ug/L	100
34) Trichloroethene	6.19	95	3063	0.856 ug/L	95
38) Bromodichloromethane	6.76	83	40804	8.191 ug/L	92
42) Toluene	7.64	91	69614	4.676 ug/L	96
46) Tetrachloroethene	8.22	164	696326	267.766 ug/L	98
49) Dibromochloromethane	8.47	129	15085	4.059 ug/L	95

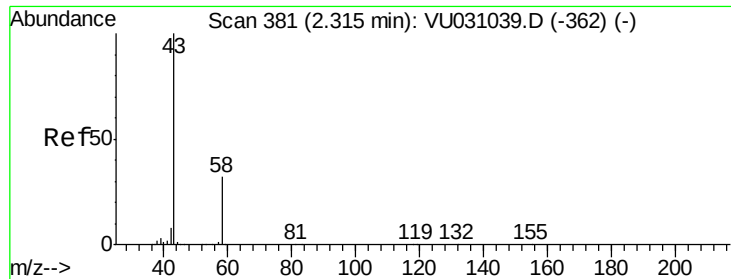
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 03:03:54 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.462 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031060.D

Acq: 11 Apr 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

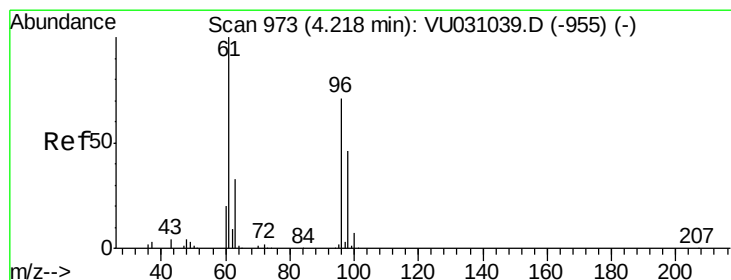
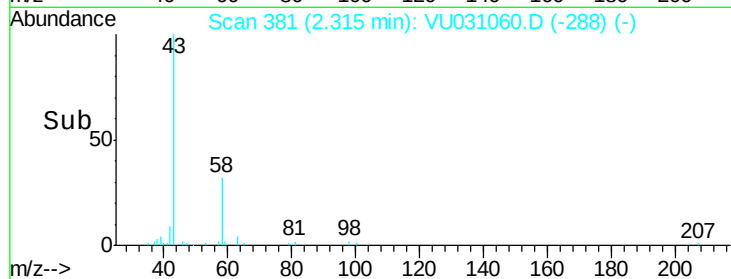
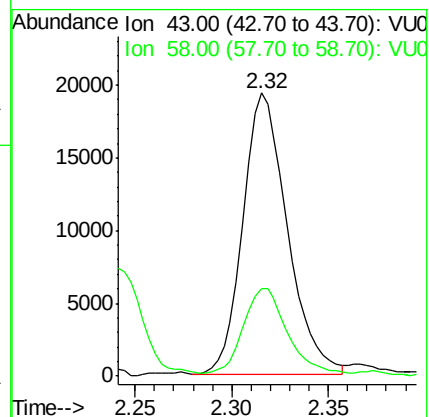
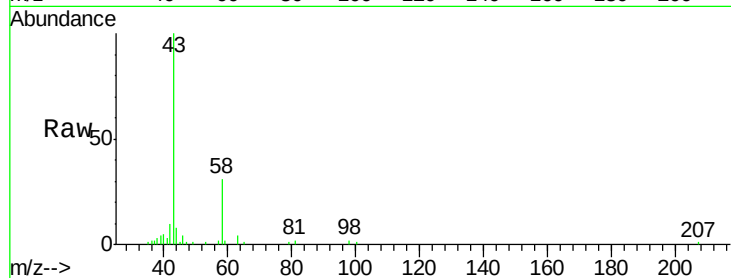
DB723

Tot Ion: 43 Resp: 30882

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#20

cis-1,2-Dichloroethene

Concen: 1.162 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU031060.D

Acq: 11 Apr 2019 11:31

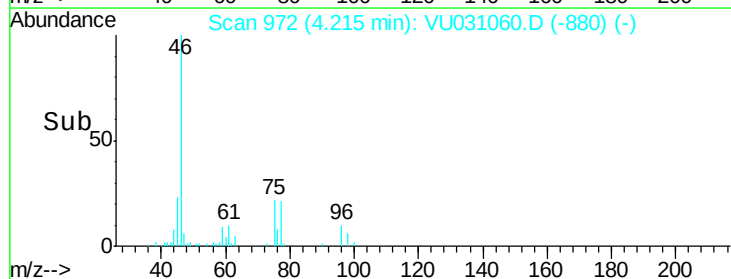
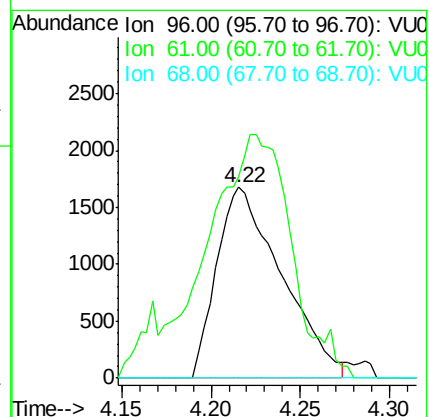
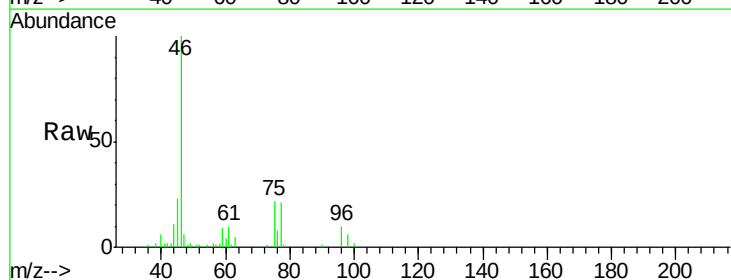
Tgt Ion: 96 Resp: 4244

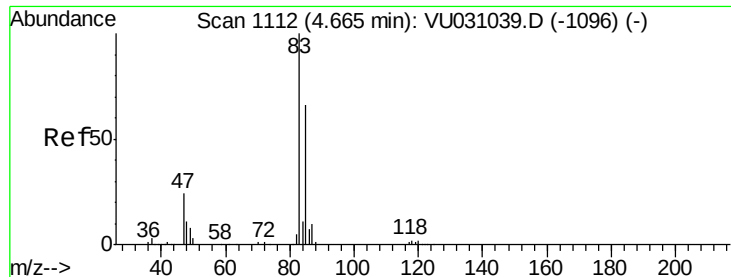
Ion Ratio Lower Upper

96 100

61 105.4 102.9 191.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 17.458 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031060.D

Acq: 11 Apr 2019 11:31

Instrument :

MSVOA_U

ClientSampled :

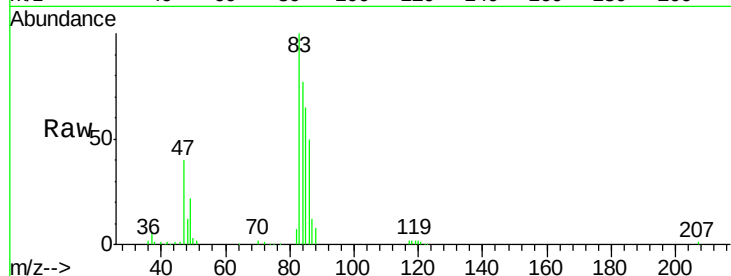
DB723

Tot Ion: 83 Resp: 119819

Ion Ratio Lower Upper

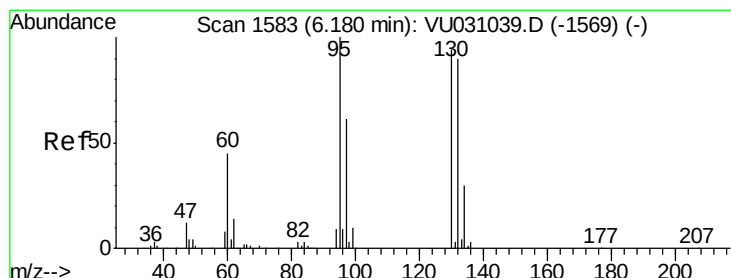
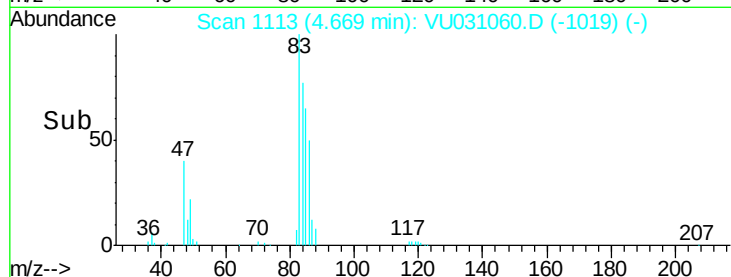
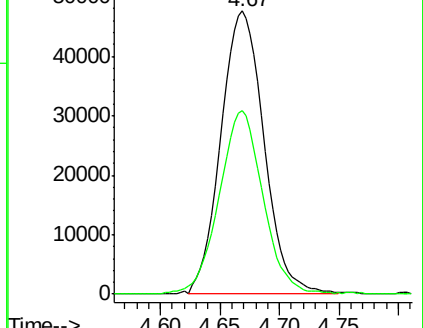
83 100

85 65.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1096) (-)



#34

Trichloroethene

Concen: 0.856 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031060.D

Acq: 11 Apr 2019 11:31

Tgt Ion: 95 Resp: 3063

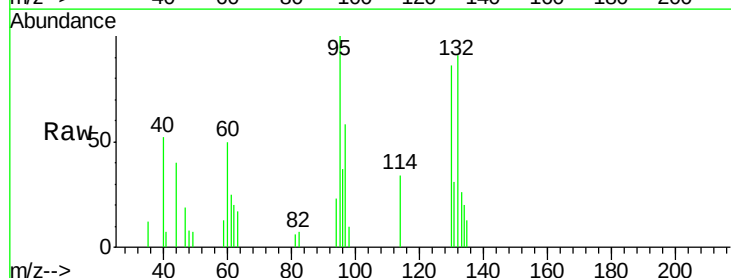
Ion Ratio Lower Upper

95 100

97 58.5 44.5 82.7

132 90.9 61.5 114.1

130 86.4 64.9 120.5

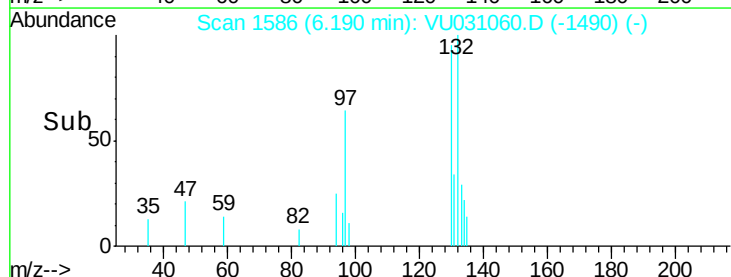
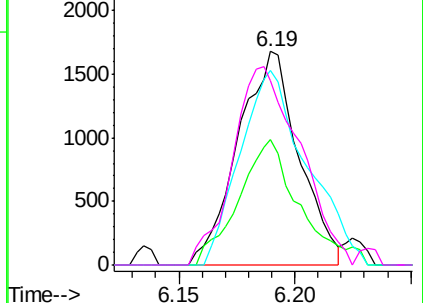


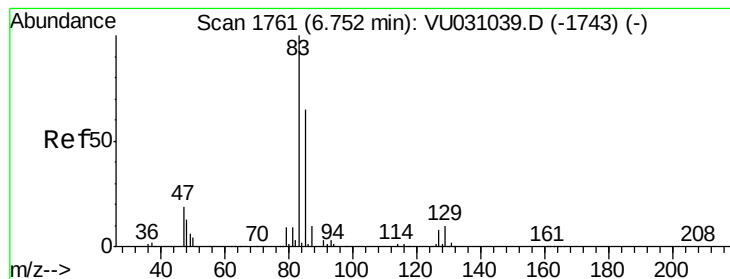
Abundance Ion 95.00 (94.70 to 95.70): VU031039.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031039.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031039.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031039.D (-1569) (-)





#38

Bromodichloromethane

Concen: 8.191 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU031060.D

Acq: 11 Apr 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

DB723

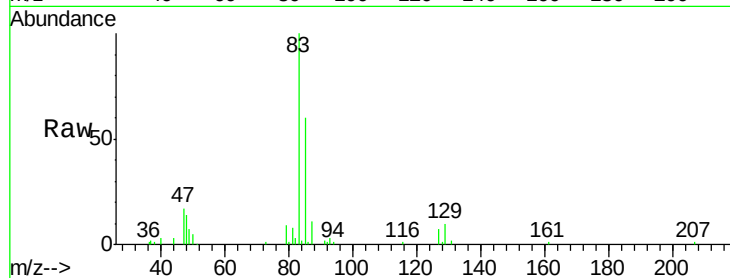
Tot Ion: 83 Resp: 40804

Ion Ratio Lower Upper

83 100

85 59.8 46.5 86.3

127 7.3 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1743) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1743) (-)

Ion 127.00 (126.70 to 127.70): VU031039.D (-1743) (-)

6.76

25000

20000

15000

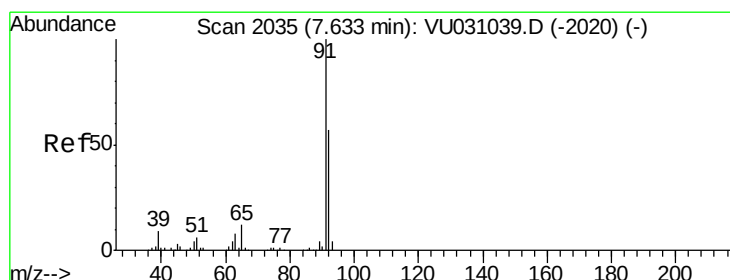
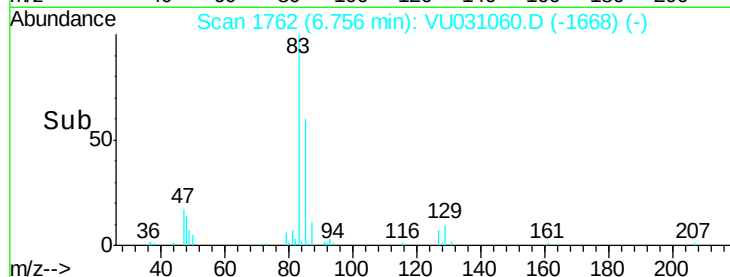
10000

5000

0

6.70 6.75 6.80

Time-->



#42

Toluene

Concen: 4.676 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031060.D

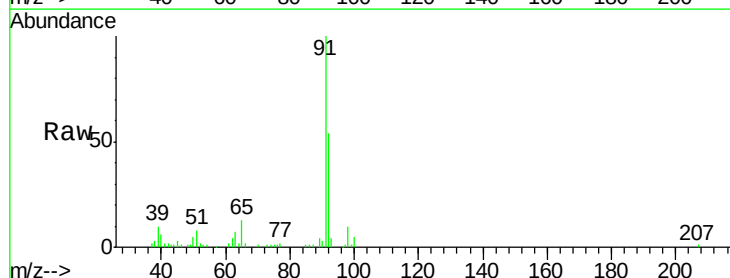
Acq: 11 Apr 2019 11:31

Tgt Ion: 91 Resp: 69614

Ion Ratio Lower Upper

91 100

92 54.5 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031039.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031039.D (-2020) (-)

7.64

40000

30000

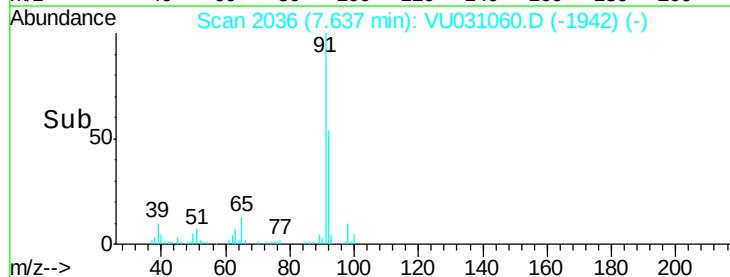
20000

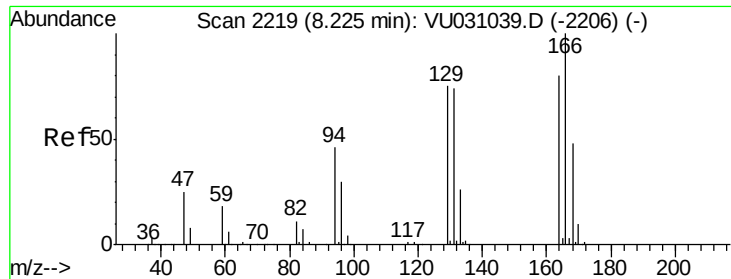
10000

0

7.55 7.60 7.65 7.70

Time-->

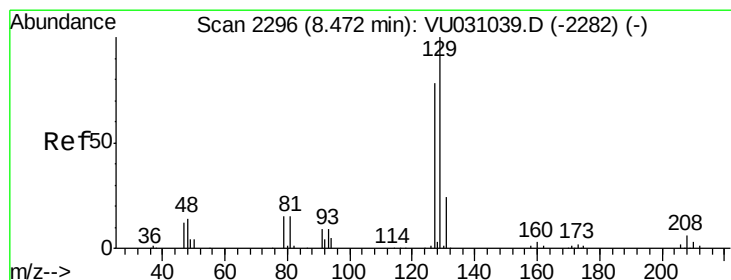
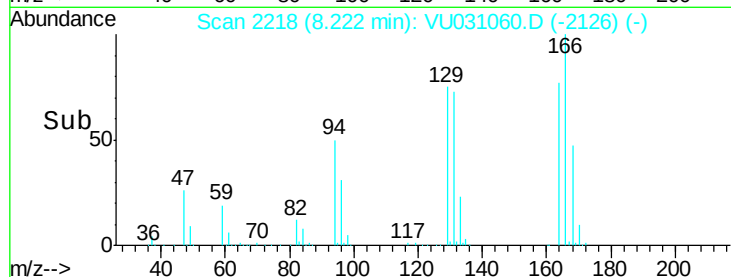
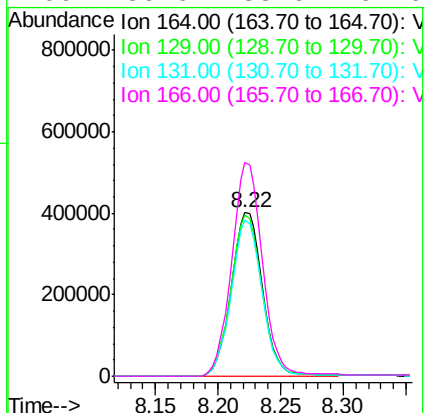
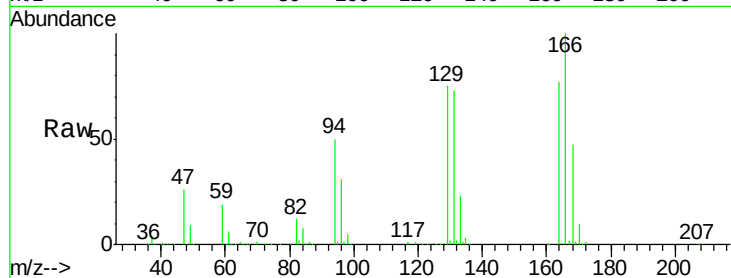




#46
Tetrachloroethene
Concen: 267.766 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031060.D
Acq: 11 Apr 2019 11:31

Instrument :
MSVOA_U
ClientSampled :
DB723

Tot Ion:164	Resp:	696326
Ion Ratio	Lower	Upper
164	100	
129	98.4	67.4 125.2
131	95.4	65.9 122.5
166	130.6	88.6 164.6



#49
Dibromochloromethane
Concen: 4.059 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031060.D
Acq: 11 Apr 2019 11:31

Tgt Ion:129	Resp:	15085
Ion Ratio	Lower	Upper
129	100	
127	82.6	54.5 101.3

