

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031045.D
 Acq On : 11 Apr 2019 05:46
 Operator : JC/SP
 Sample : K2299-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB705

Quant Time: Apr 11 08:35:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513242	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499958	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	222789	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.26%
7) Chloroethane-d5	1.68	69	183214	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.38%
11) 1,1-Dichloroethene-d2	2.27	63	317814	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
21) 2-Butanone-d5	4.17	46	383700	105.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.67%
24) Chloroform-d	4.64	84	368651	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
26) 1,2-Dichloroethane-d4	5.31	65	252285	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
32) Benzene-d6	5.33	84	757798	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
36) 1,2-Dichloropropane-d6	6.32	67	260378	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.12%
41) Toluene-d8	7.56	98	663126	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%
43) trans-1,3-Dichloropropene-	7.85	79	111926	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.14%
47) 2-Hexanone-d5	8.31	63	233503	102.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	360140	53.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	246711	56.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.36%

Target Compounds

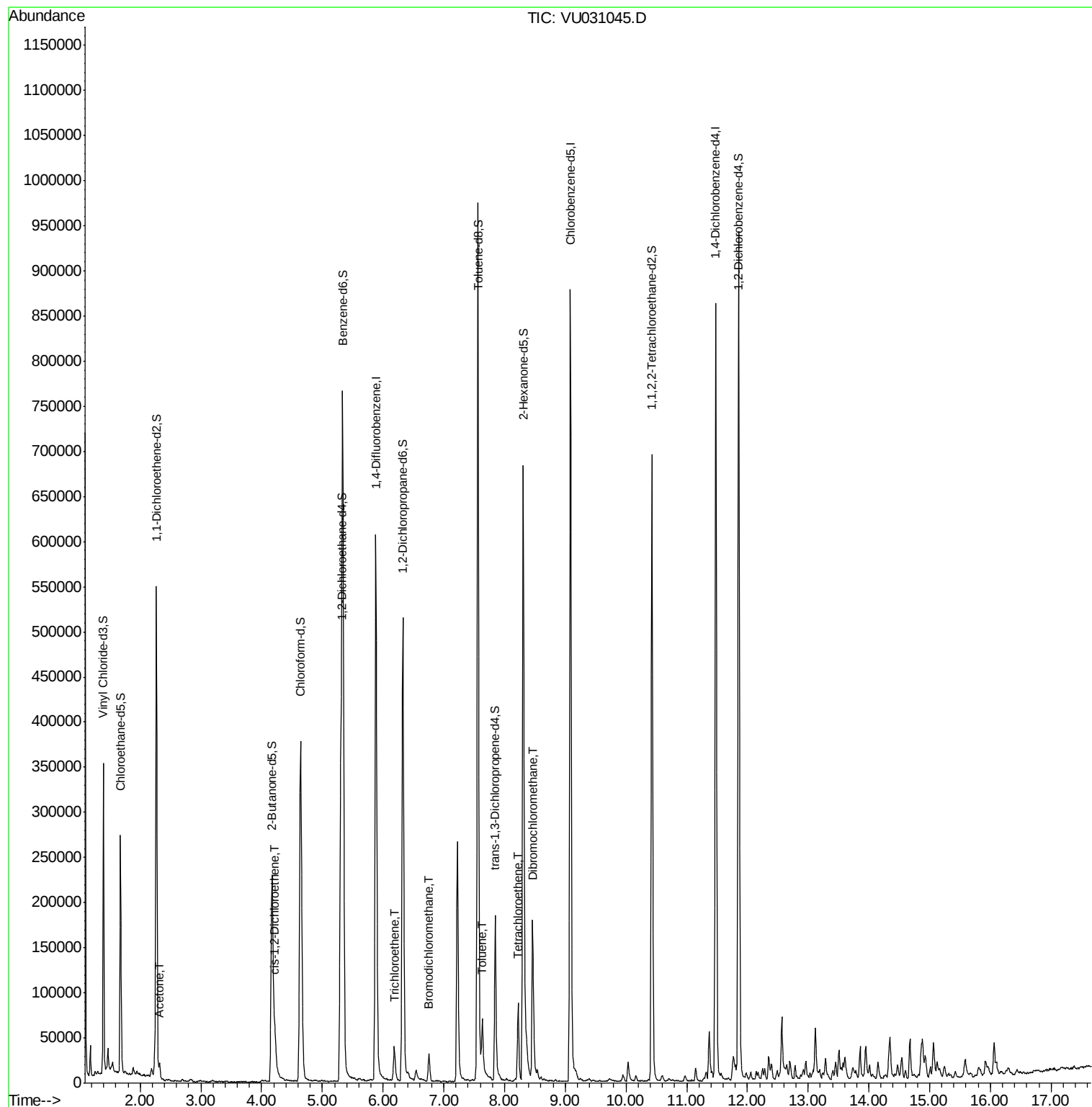
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	16350	4.400	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	17390	4.181	ug/L	77
34) Trichloroethene	6.19	95	13631	3.397	ug/L	88
38) Bromodichloromethane	6.76	83	21689	3.881	ug/L	95
42) Toluene	7.64	91	43182	2.586	ug/L	97
46) Tetrachloroethene	8.22	164	20586	7.056	ug/L	95
49) Dibromochloromethane	8.48	129	14923	3.579	ug/L	98

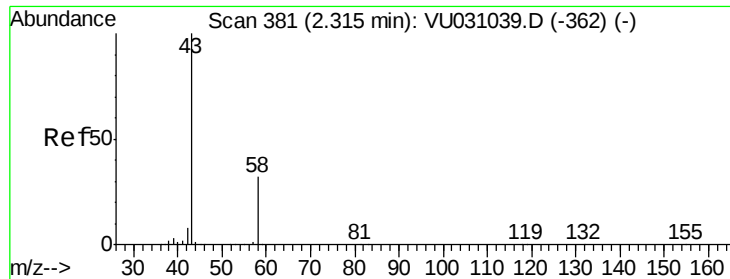
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.400 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU031045.D

Acq: 11 Apr 2019 05:46

Instrument :

MSVOA_U

ClientSampleId :

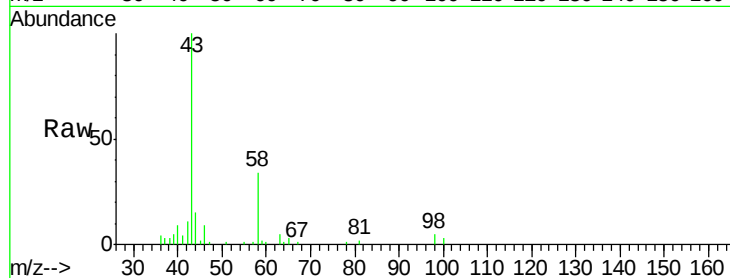
DB705

Tot Ion: 43 Resp: 16350

Ion Ratio Lower Upper

43 100

58 28.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031039.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031039.D (-362) (-)

12000

10000

8000

6000

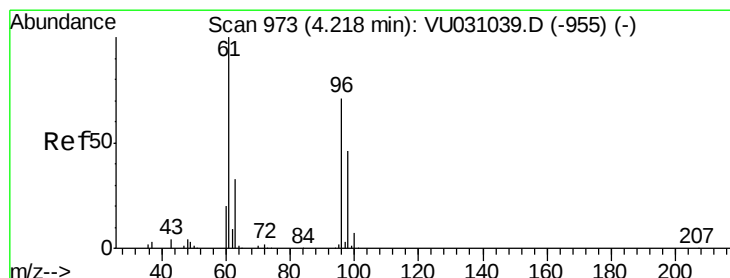
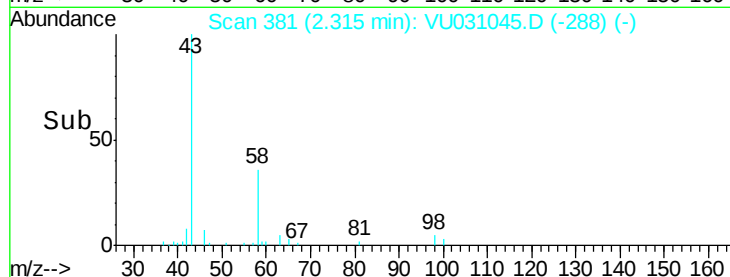
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#20

cis-1,2-Dichloroethene

Concen: 4.181 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031045.D

Acq: 11 Apr 2019 05:46

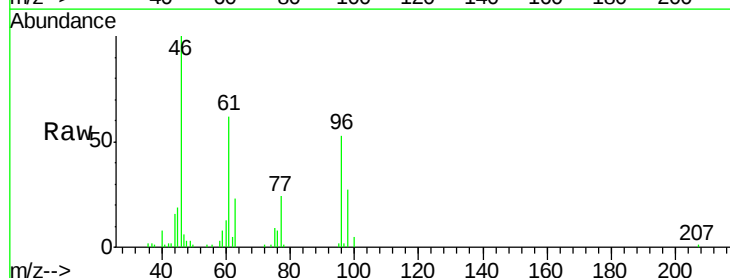
Tgt Ion: 96 Resp: 17390

Ion Ratio Lower Upper

96 100

61 117.9 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031039.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU031039.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU031039.D (-955) (-)

12000

10000

8000

6000

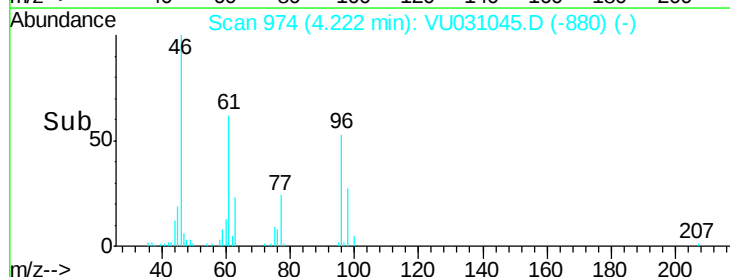
4000

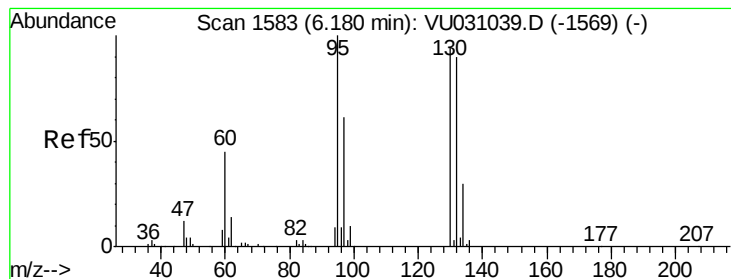
2000

0

4.15 4.20 4.25 4.30

Time-->





#34

Trichloroethene

Concen: 3.397 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031045.D

Acq: 11 Apr 2019 05:46

Instrument :

MSVOA_U

ClientSampleID :

DB705

Tot Ion: 95 Resp: 13631

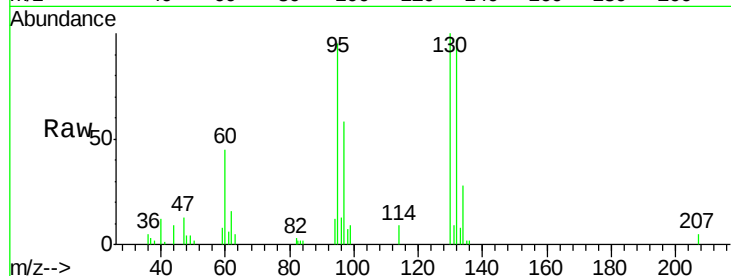
Ion Ratio Lower Upper

95 100

97 61.6 44.5 82.7

132 102.8 61.5 114.1

130 105.8 64.9 120.5

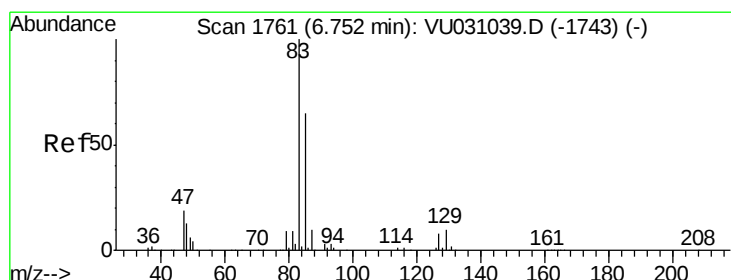
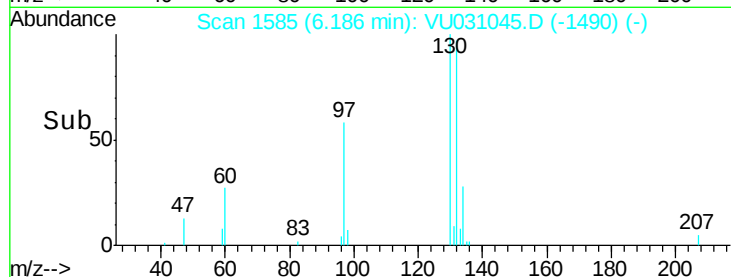
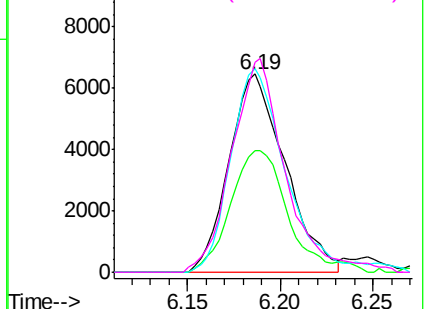


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#38

Bromodichloromethane

Concen: 3.881 ug/L

RT: 6.76 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VU031045.D

Acq: 11 Apr 2019 05:46

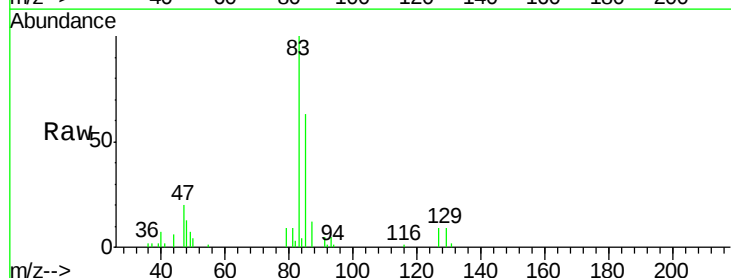
Tgt Ion: 83 Resp: 21689

Ion Ratio Lower Upper

83 100

85 62.6 46.5 86.3

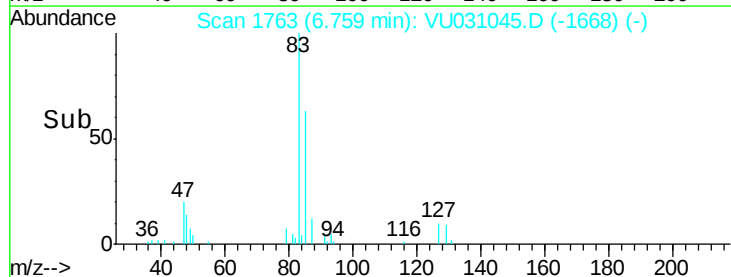
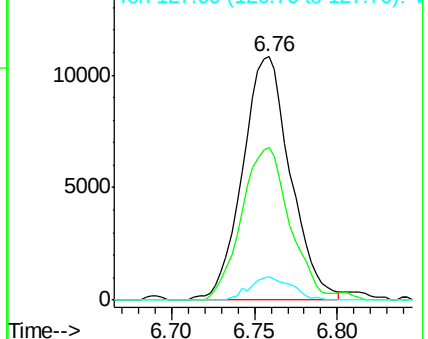
127 9.4 6.6 10.0

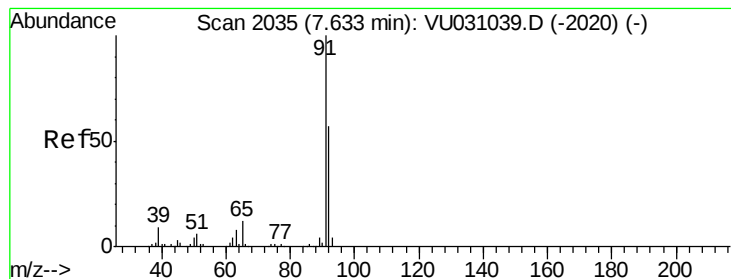


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V





#42

Toluene

Concen: 2.586 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031045.D

Acq: 11 Apr 2019 05:46

Instrument :

MSVOA_U

ClientSampled :

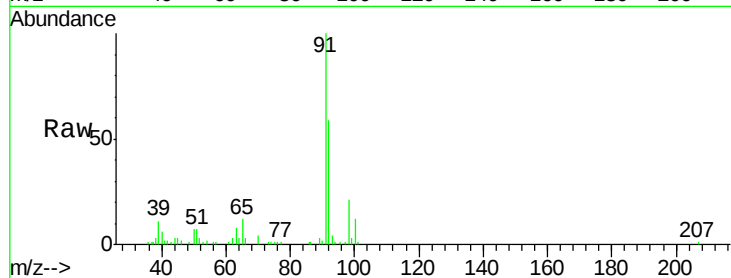
DB705

Tot Ion: 91 Resp: 43182

Ion Ratio Lower Upper

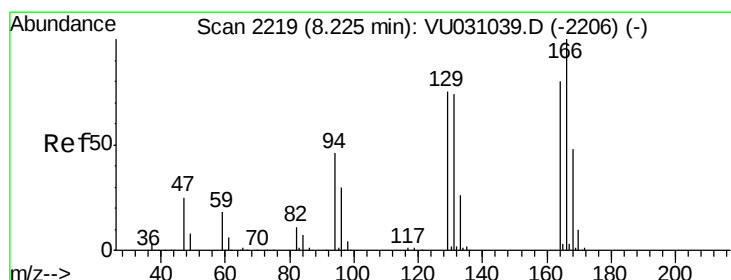
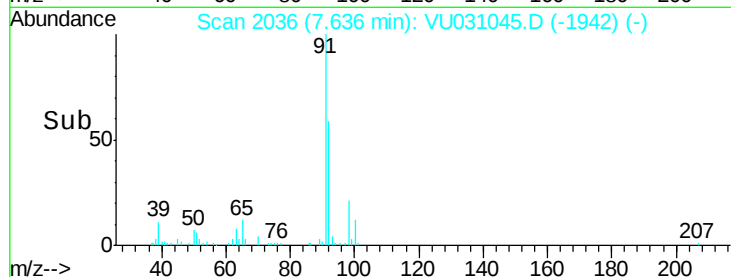
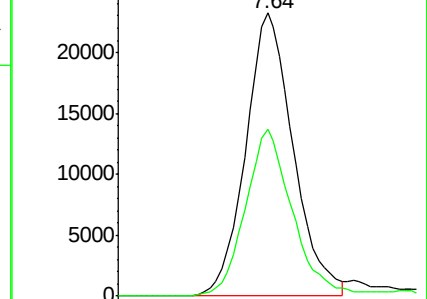
91 100

92 59.1 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) (-)



#46

Tetrachloroethene

Concen: 7.056 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031045.D

Acq: 11 Apr 2019 05:46

Tgt Ion: 164 Resp: 20586

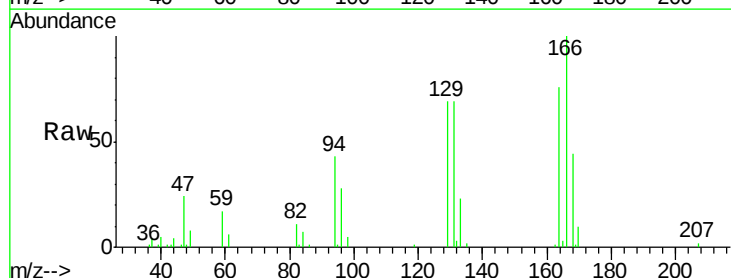
Ion Ratio Lower Upper

164 100

129 89.6 67.4 125.2

131 89.7 65.9 122.5

166 130.7 88.6 164.6

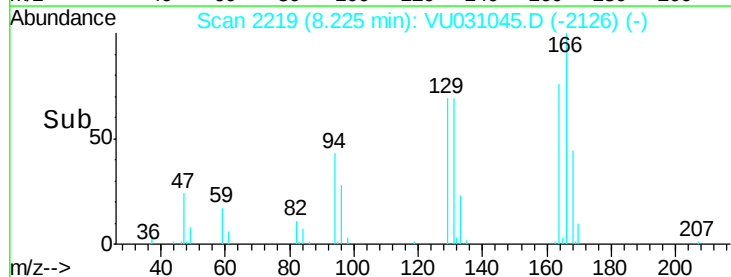
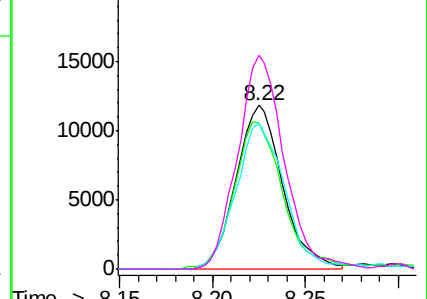


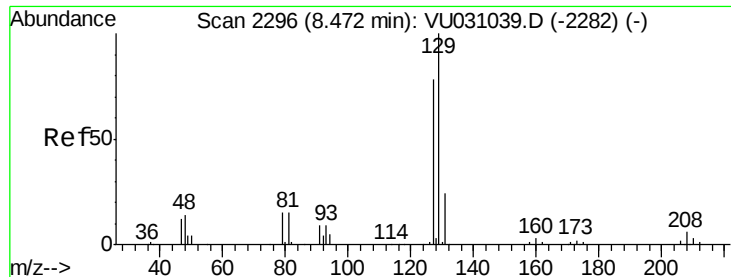
Abundance Ion 164.00 (163.70 to 164.70): VU031039.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031039.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031039.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031039.D (-2206) (-)





#49

Dibromochloromethane

Concen: 3.579 ug/L

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031045.D

Acq: 11 Apr 2019 05:46

Instrument :

MSVOA_U

ClientSampleId :

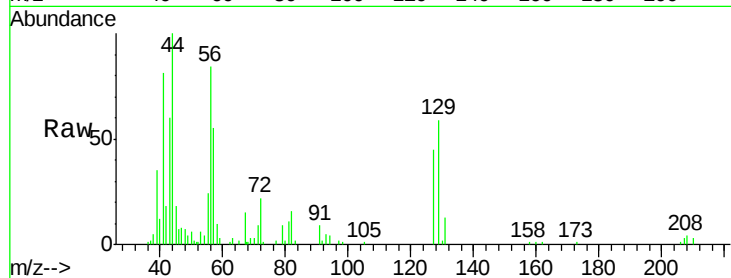
DB705

Tot Ion:129 Resp: 14923

Ion Ratio Lower Upper

129 100

127 75.8 54.5 101.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

