

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031051.D
 Acq On : 11 Apr 2019 08:03
 Operator : JC/SP
 Sample : K2341-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB715

Quant Time: Apr 11 08:56:52 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	490608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	470807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	214595	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	172225	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.62%
11) 1,1-Dichloroethene-d2	2.27	63	288784	36.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.92%
21) 2-Butanone-d5	4.17	46	374215	107.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.81%
24) Chloroform-d	4.64	84	359139	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	5.30	65	246662	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.06%
32) Benzene-d6	5.33	84	721891	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.32	67	249242	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.84%
41) Toluene-d8	7.56	98	630059	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%
43) trans-1,3-Dichloropropene-	7.85	79	101709	47.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.70%
47) 2-Hexanone-d5	8.31	63	231367	107.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	334535	52.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	212200	52.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

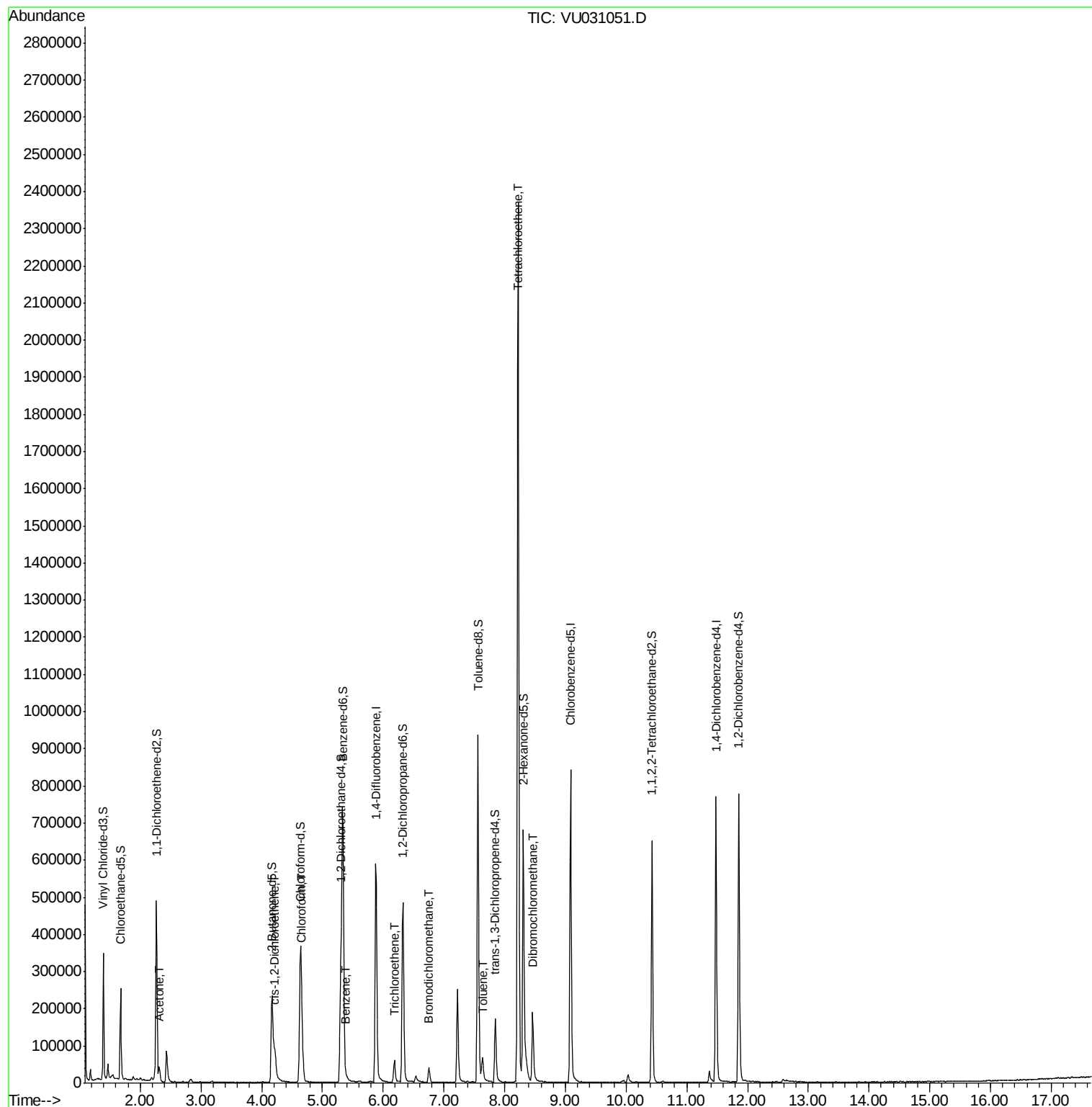
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	40214	11.322	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	32691	8.222	ug/L	99
25) Chloroform	4.67	83	76989	10.308	ug/L	98
33) Benzene	5.39	78	9362	0.608	ug/L	100
34) Trichloroethene	6.19	95	22456	5.943	ug/L	93
38) Bromodichloromethane	6.75	83	26369	5.010	ug/L	96
42) Toluene	7.64	91	48813	3.104	ug/L	95
46) Tetrachloroethene	8.22	164	536434	195.259	ug/L	99
49) Dibromochloromethane	8.47	129	10723	2.731	ug/L	94

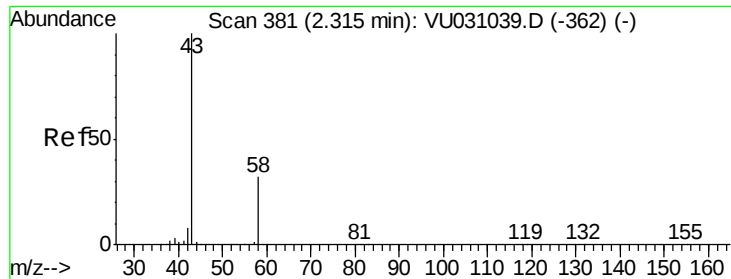
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 08:09:01 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.322 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

Instrument :

MSVOA_U

ClientSampled :

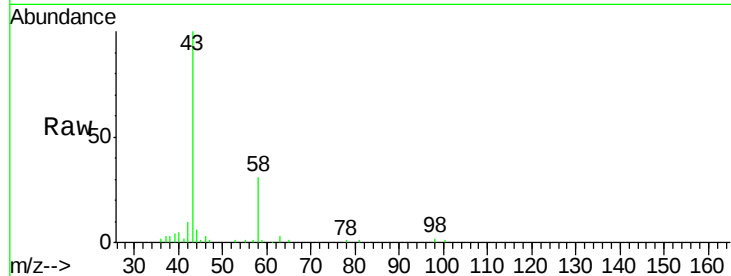
DB715

Tot Ion: 43 Resp: 40214

Ion Ratio Lower Upper

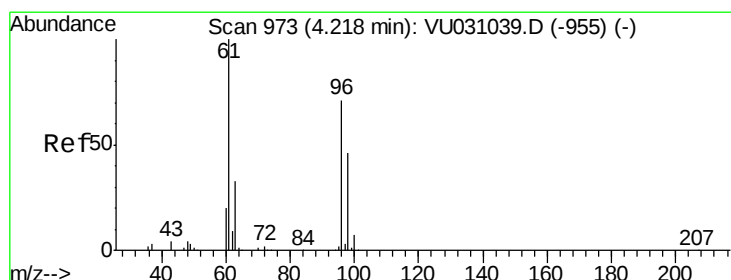
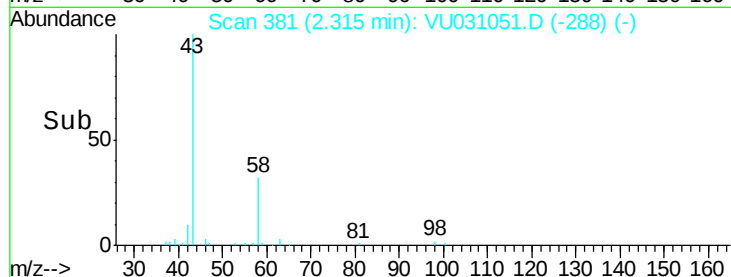
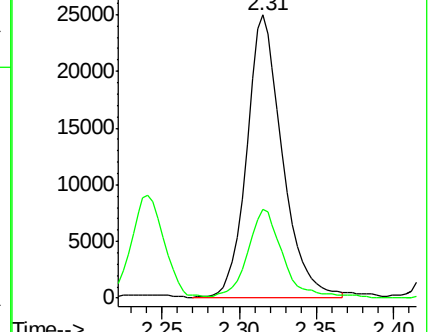
43 100

58 30.4 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) (-)



#20

cis-1,2-Dichloroethene

Concen: 8.222 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

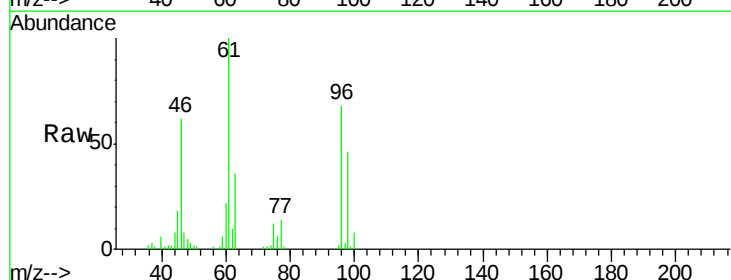
Tgt Ion: 96 Resp: 32691

Ion Ratio Lower Upper

96 100

61 146.0 102.9 191.1

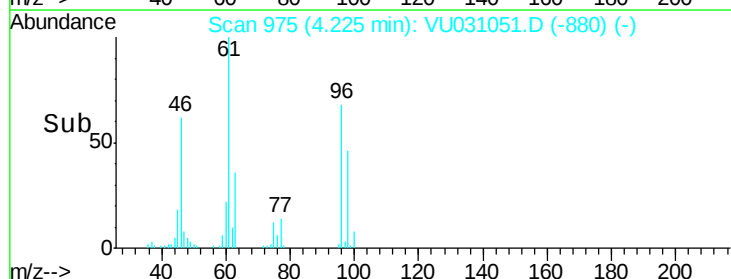
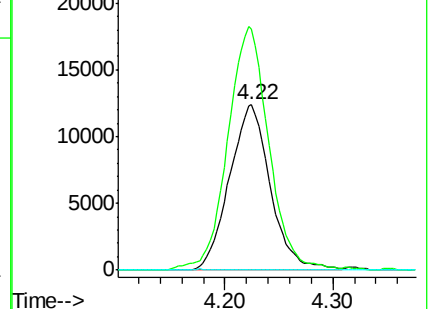
68 0.0 0.0 0.0

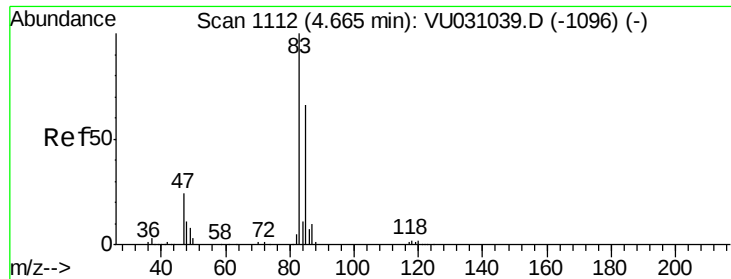


Abundance Ion 96.00 (95.70 to 96.70): VU031039.D (-955) (-)

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

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





#25

Chloroform

Concen: 10.308 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

Instrument :

MSVOA_U

ClientSampleId :

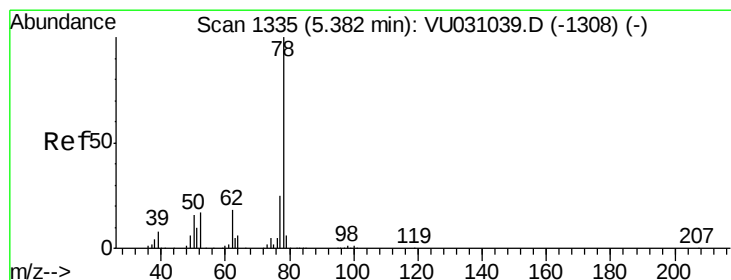
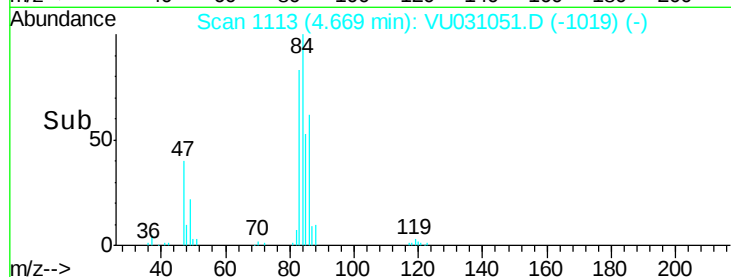
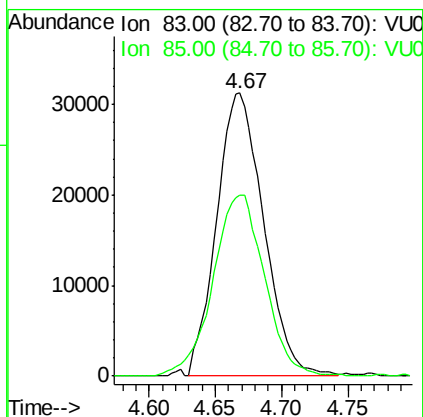
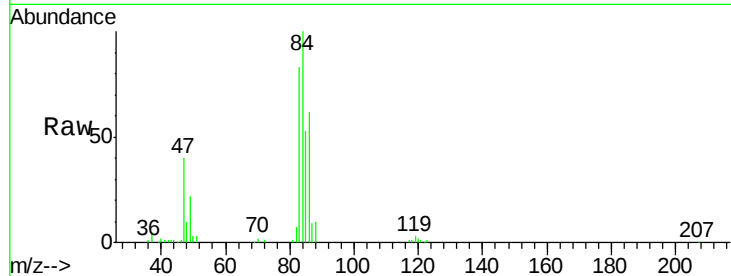
DB715

Tot Ion: 83 Resp: 76989

Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.0



#33

Benzene

Concen: 0.608 ug/L

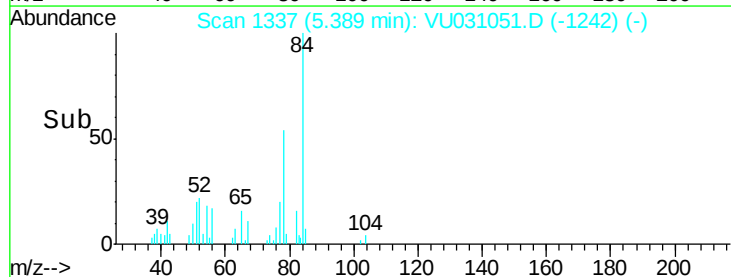
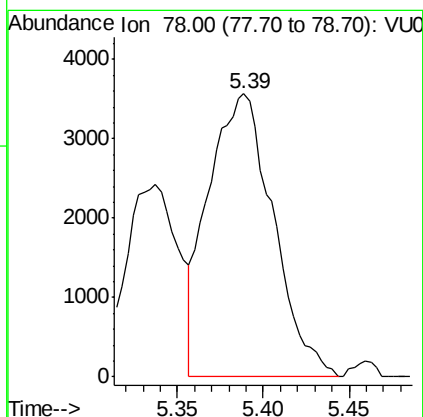
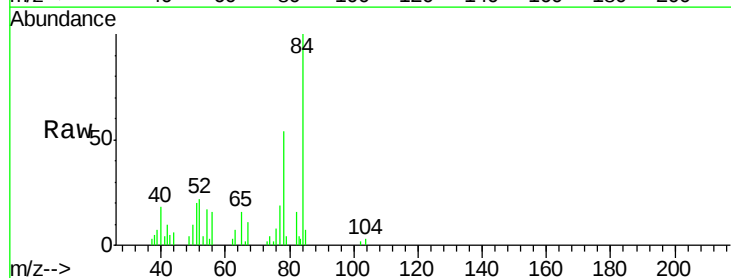
RT: 5.39 min Scan# 1337

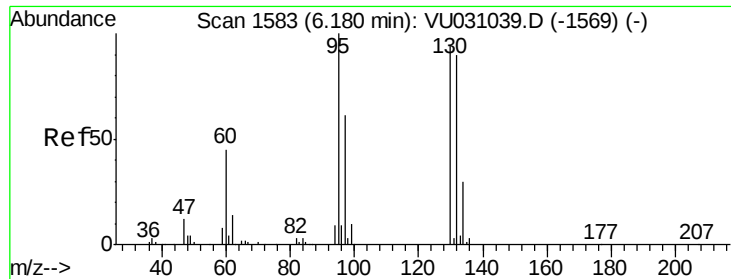
Delta R.T. 0.01 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

Tgt Ion: 78 Resp: 9362





#34

Trichloroethene

Concen: 5.943 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

Instrument :

MSVOA_U

ClientSampled :

DB715

Tot Ion: 95 Resp: 22456

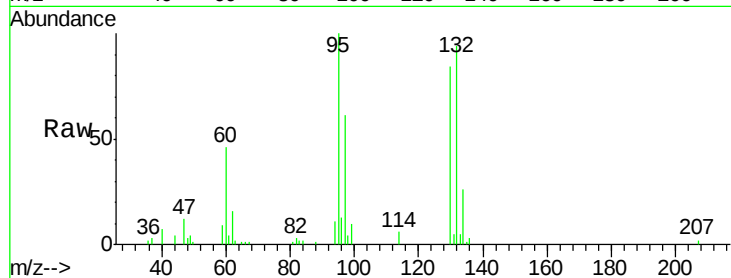
Ion Ratio Lower Upper

95 100

97 60.7 44.5 82.7

132 94.3 61.5 114.1

130 84.4 64.9 120.5

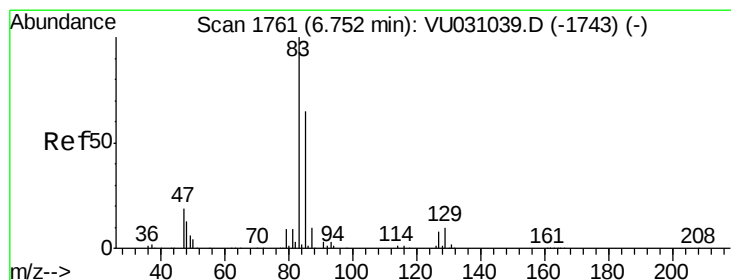
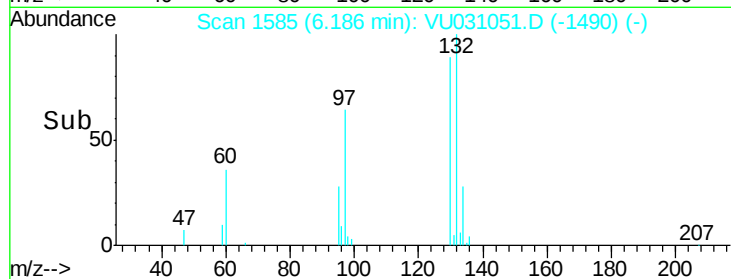
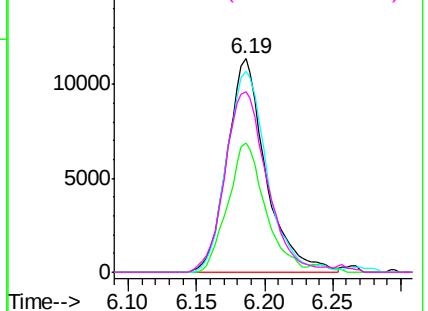


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.010 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

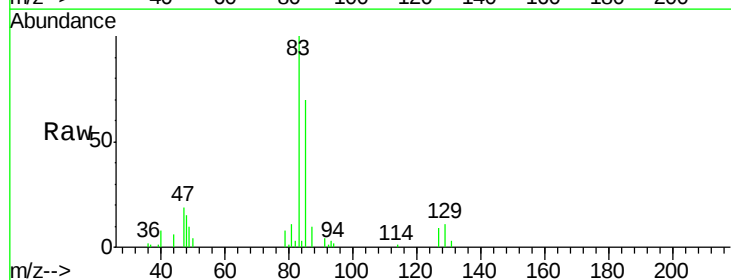
Tgt Ion: 83 Resp: 26369

Ion Ratio Lower Upper

83 100

85 70.1 46.5 86.3

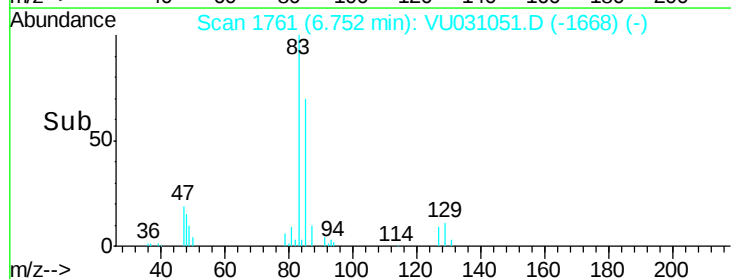
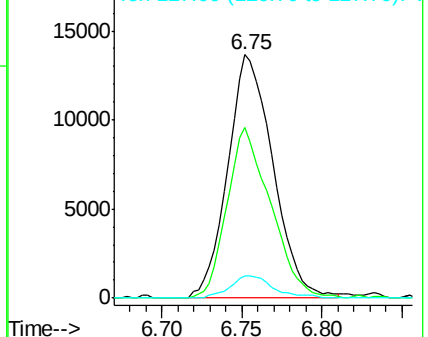
127 8.9 6.6 10.0

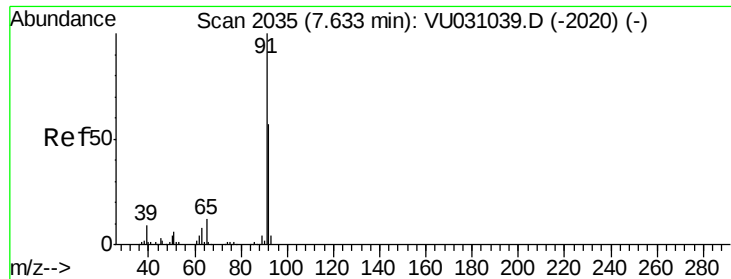


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V





#42

Toluene

Concen: 3.104 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

Instrument :

MSVOA_U

ClientSampled :

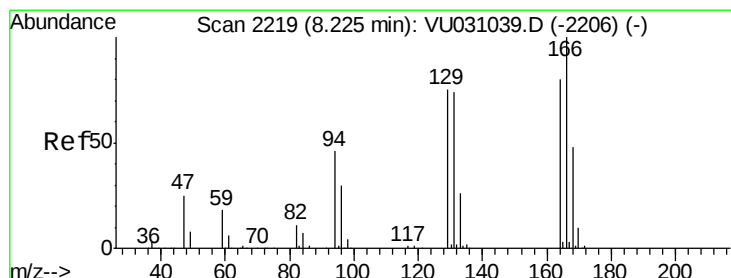
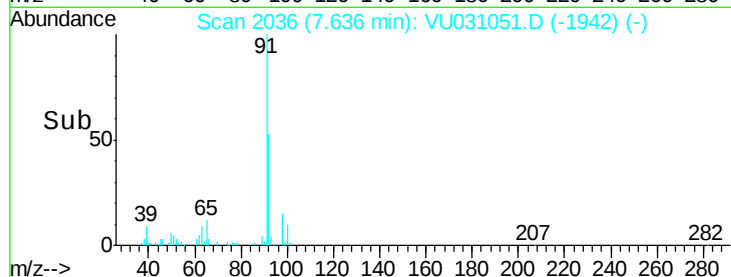
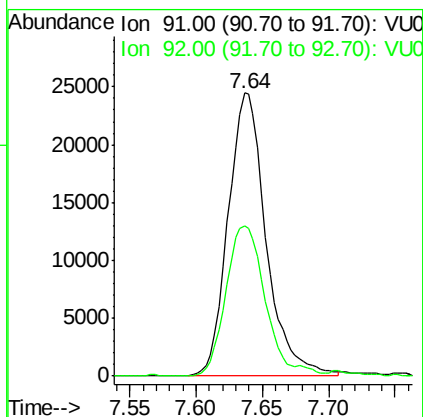
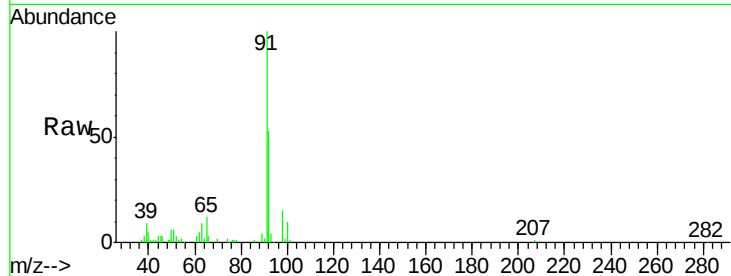
DB715

Tot Ion: 91 Resp: 48813

Ion Ratio Lower Upper

91 100

92 53.3 40.0 74.4



#46

Tetrachloroethene

Concen: 195.259 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

Tgt Ion:164 Resp: 536434

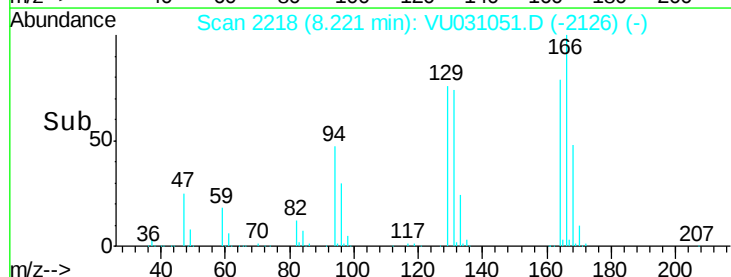
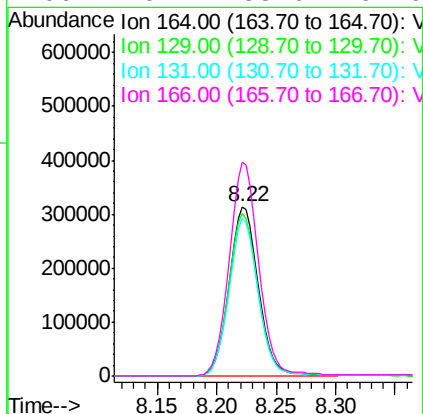
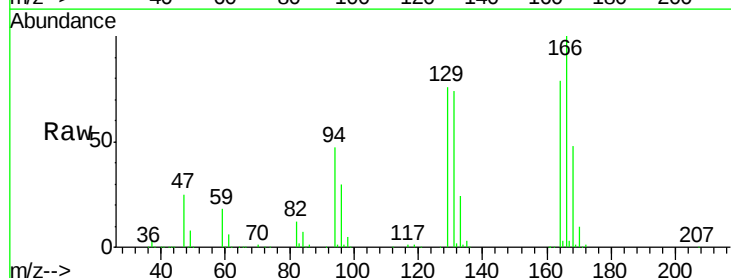
Ion Ratio Lower Upper

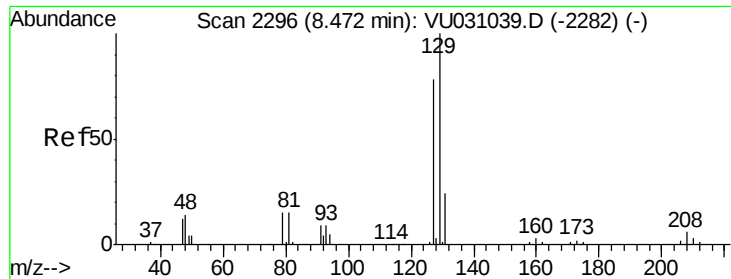
164 100

129 96.0 67.4 125.2

131 93.2 65.9 122.5

166 126.1 88.6 164.6





#49

Dibromochloromethane

Concen: 2.731 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU031051.D

Acq: 11 Apr 2019 08:03

Instrument :

MSVOA_U

ClientSampleId :

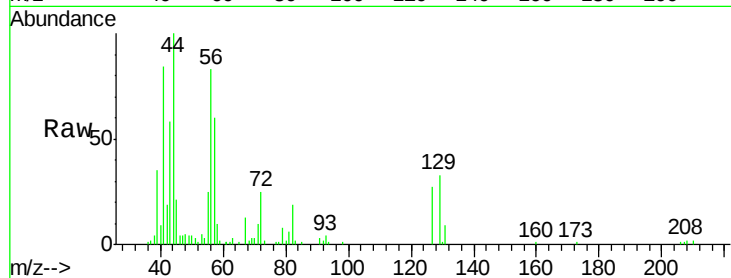
DB715

Tot Ion:129 Resp: 10723

Ion Ratio Lower Upper

129 100

127 83.1 54.5 101.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

