

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031049.D
 Acq On : 11 Apr 2019 07:17
 Operator : JC/SP
 Sample : K2299-30
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB710

Quant Time: Apr 11 08:15:54 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	490933	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	491640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225117	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	212253	48.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.86%
7) Chloroethane-d5	1.68	69	174194	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.74%
11) 1,1-Dichloroethene-d2	2.27	63	306642	38.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.38%
21) 2-Butanone-d5	4.17	46	376798	108.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	4.64	84	356267	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	5.30	65	250733	54.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.78%
32) Benzene-d6	5.33	84	732369	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
36) 1,2-Dichloropropane-d6	6.32	67	251365	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.20%
41) Toluene-d8	7.56	98	635738	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%
43) trans-1,3-Dichloropropene-	7.85	79	103234	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.31	63	236195	105.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	345855	52.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	239317	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%

Target Compounds

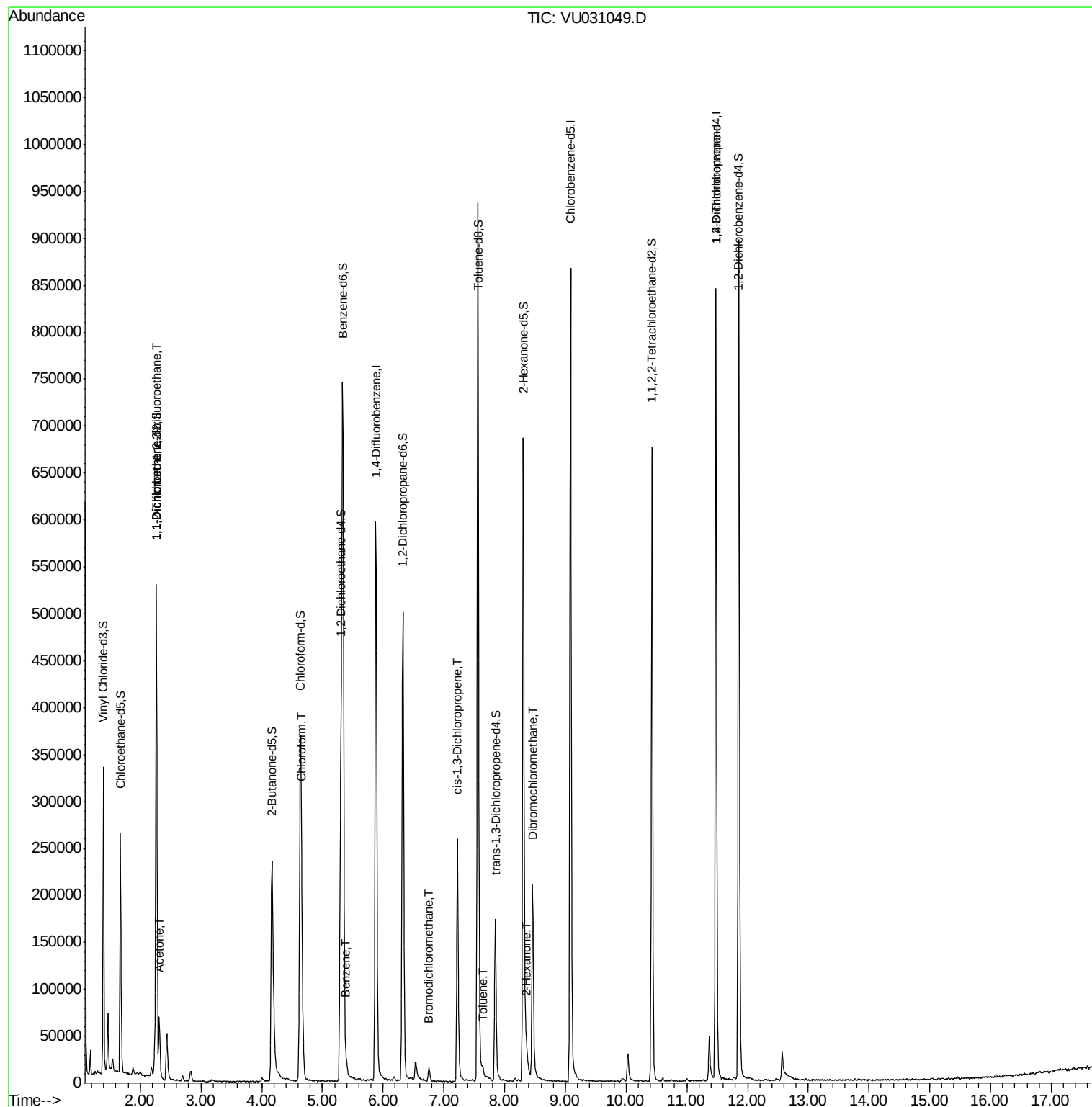
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2631	0.748	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2667	0.786	ug/L #	1
13) Acetone	2.32	43	66815	18.799	ug/L	99
25) Chloroform	4.67	83	63366	8.479	ug/L	99
33) Benzene	5.39	78	13448	0.836	ug/L	100
38) Bromodichloromethane	6.76	83	10674	1.942	ug/L #	84
39) cis-1,3-Dichloropropene	7.22	75	5777	0.891	ug/L #	77
42) Toluene	7.64	91	6148	0.374	ug/L	91
48) 2-Hexanone	8.37	43	16911	2.959	ug/L #	87
49) Dibromochloromethane	8.47	129	4043	0.986	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	28630	5.247	ug/L	93

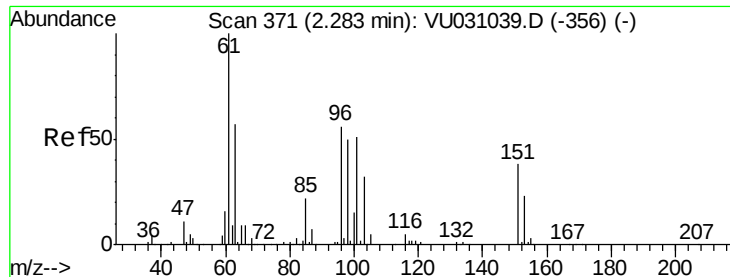
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031049.D
Acq On : 11 Apr 2019 07:17
Operator : JC/SP
Sample : K2299-30
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB710

Quant Time: Apr 11 08:15:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 08:09:01 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.748 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

Instrument :

MSVOA_U

ClientSampleId :

DB710

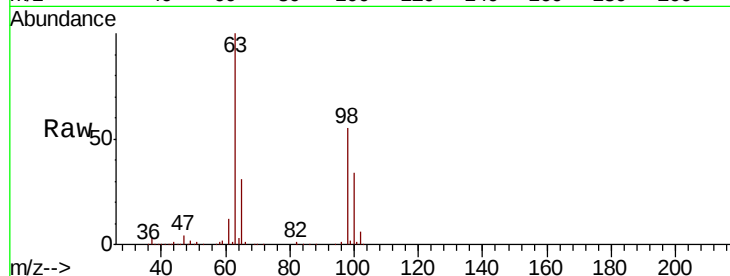
Tot Ion:101 Resp: 2631

Ion Ratio Lower Upper

101 100

85 1.7 36.8 55.2#

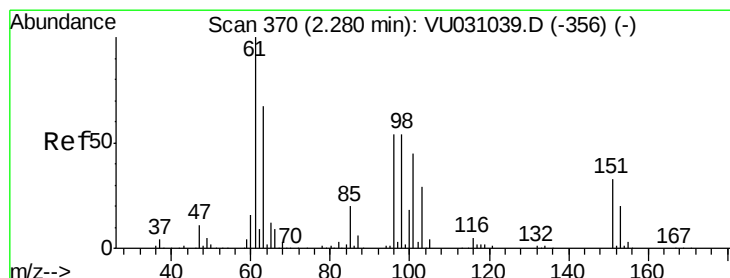
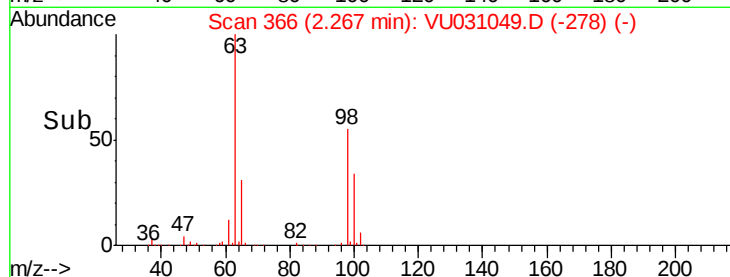
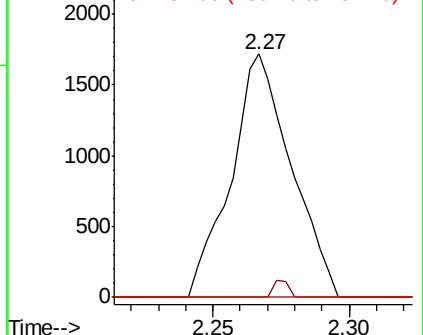
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.786 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

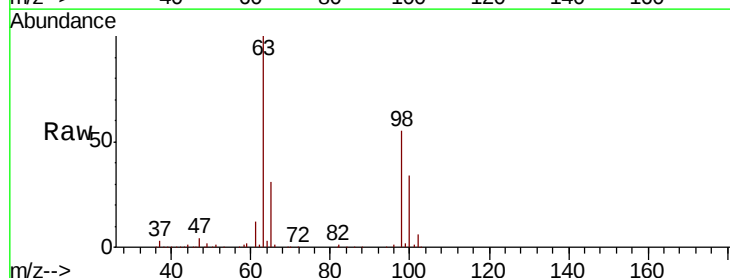
Tgt Ion: 96 Resp: 2667

Ion Ratio Lower Upper

96 100

61 1368.7 132.0 245.2#

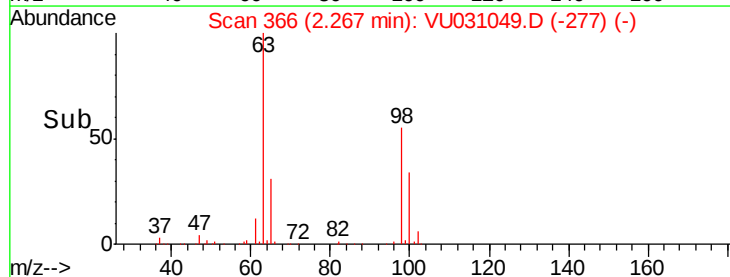
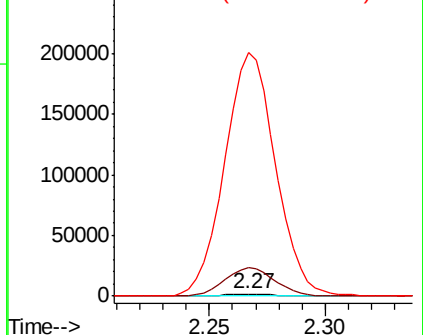
63 11771.5 90.9 168.9#

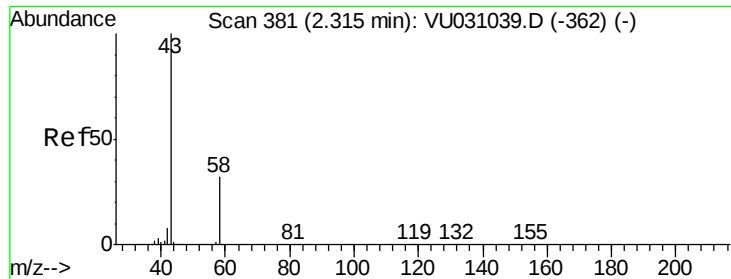


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 18.799 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

Instrument :

MSVOA_U

ClientSampleId :

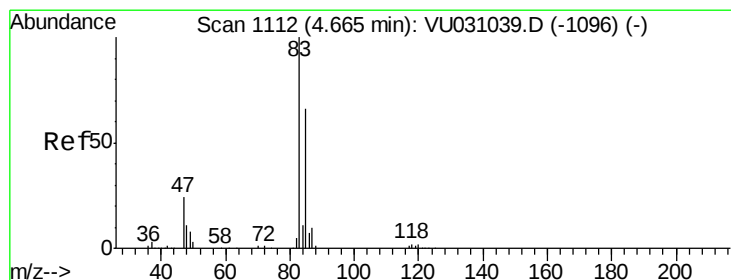
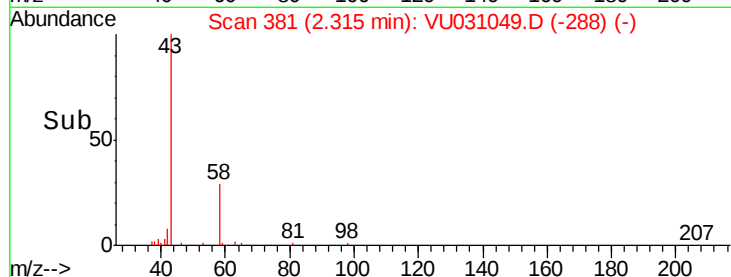
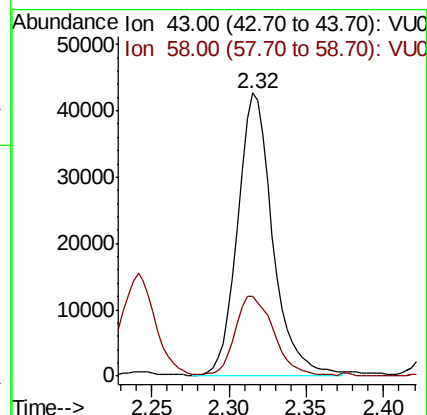
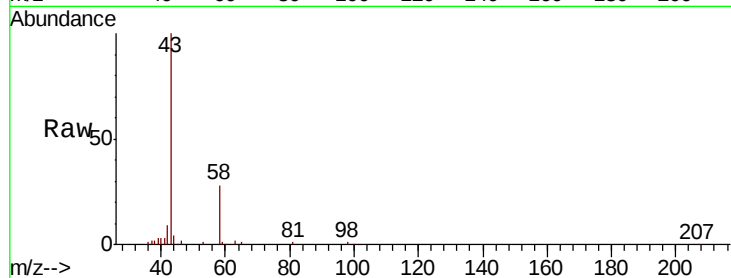
DB710

Tot Ion: 43 Resp: 66815

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.0



#25

Chloroform

Concen: 8.479 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031049.D

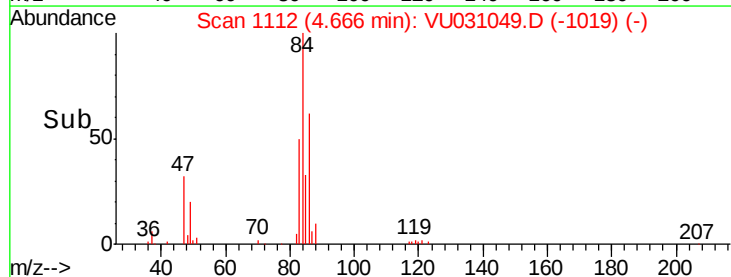
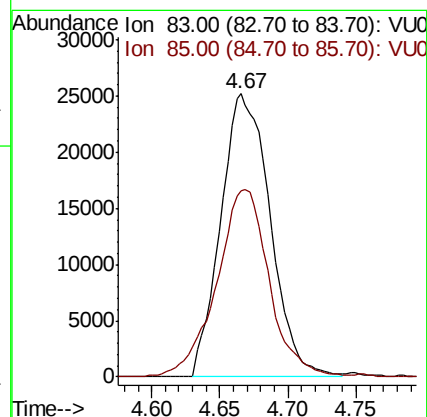
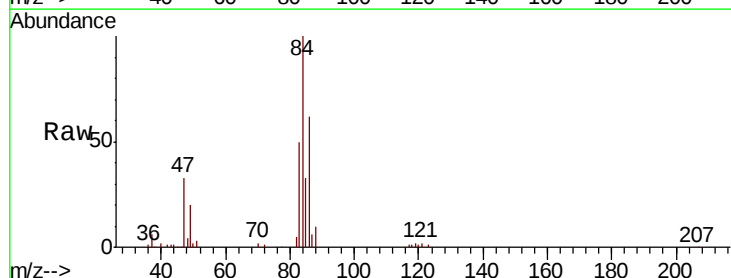
Acq: 11 Apr 2019 07:17

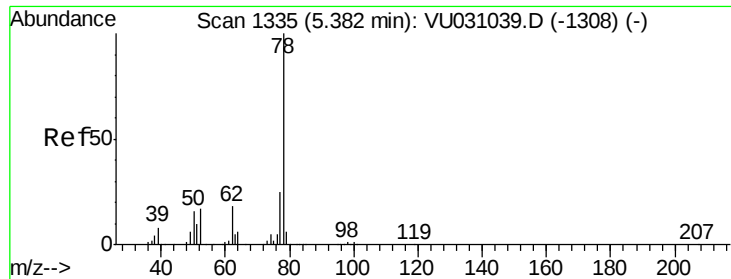
Tgt Ion: 83 Resp: 63366

Ion Ratio Lower Upper

83 100

85 65.9 45.8 85.0





#33

Benzene

Concen: 0.836 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

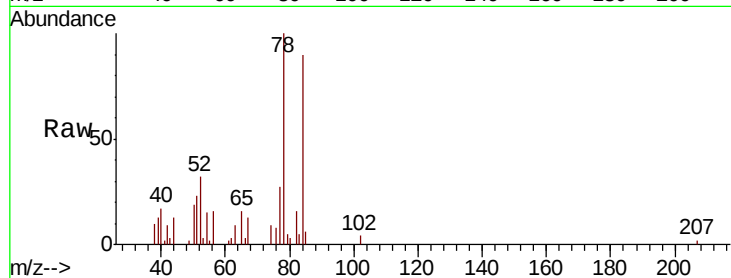
Instrument :

MSVOA_U

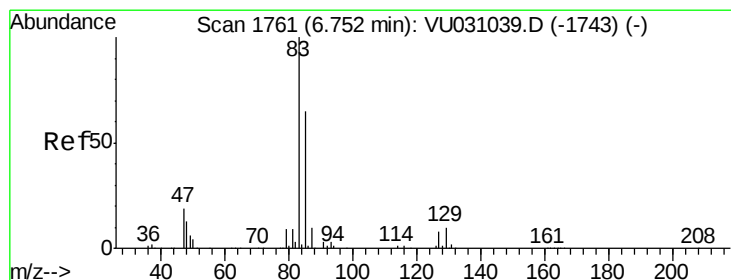
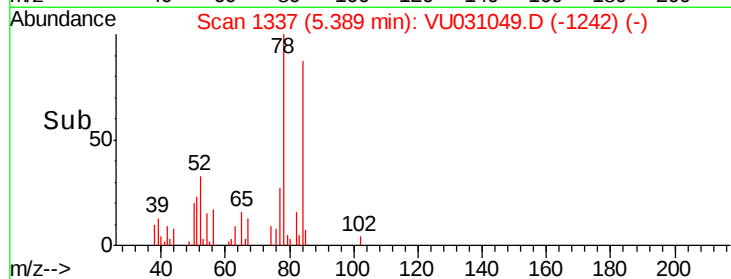
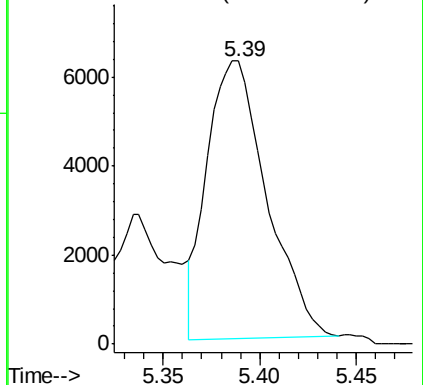
ClientSampled :

DB710

Tgt Ion: 78 Resp: 13448



Abundance Ion 78.00 (77.70 to 78.70): VU0



#38

Bromodichloromethane

Concen: 1.942 ug/L

RT: 6.76 min Scan# 1762

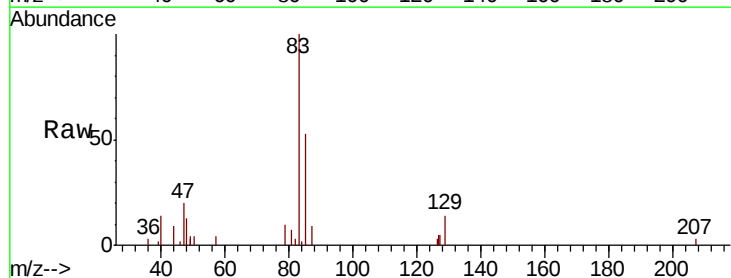
Delta R.T. 0.00 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

Tgt Ion: 83 Resp: 10674

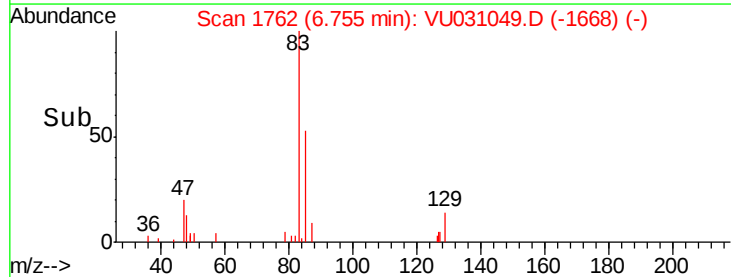
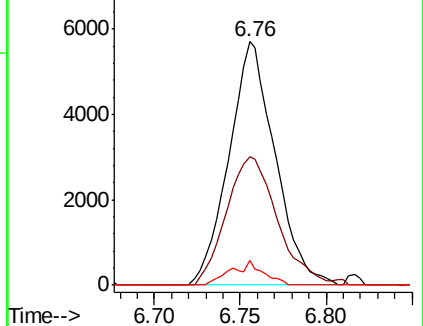
Ion	Ratio	Lower	Upper
83	100		
85	52.5	46.5	86.3
127	10.3	6.6	10.0#

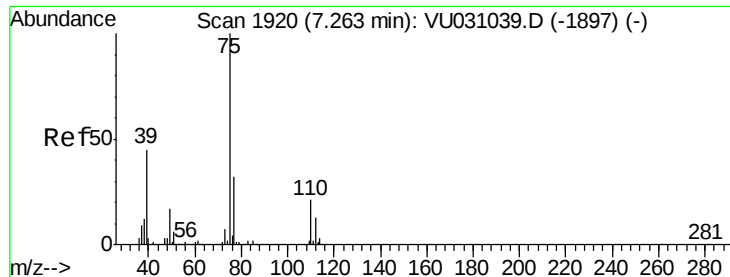


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

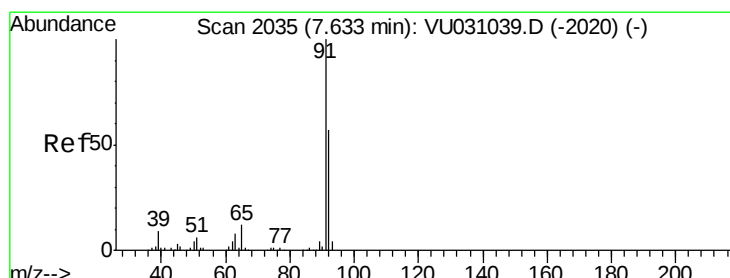
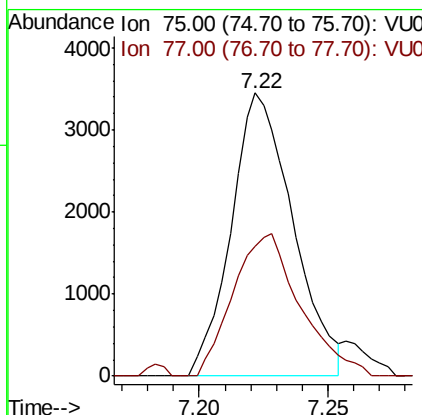
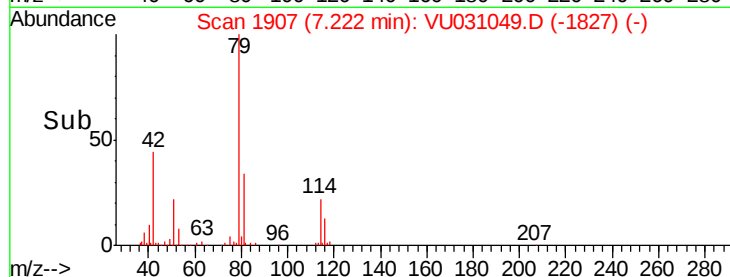
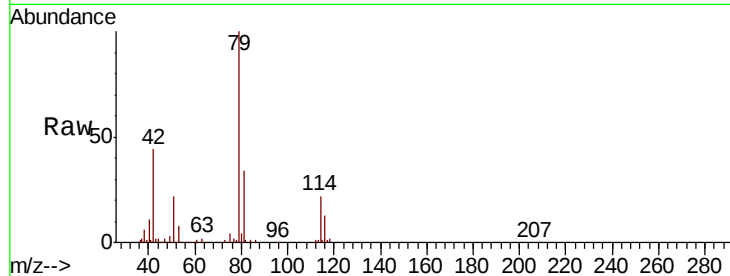




#39
 cis-1,3-Dichloropropene
 Concen: 0.891 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU031049.D
 Acq: 11 Apr 2019 07:17

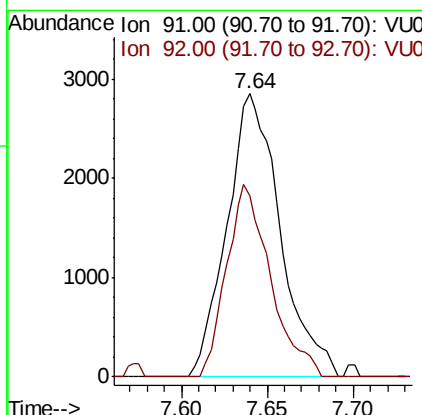
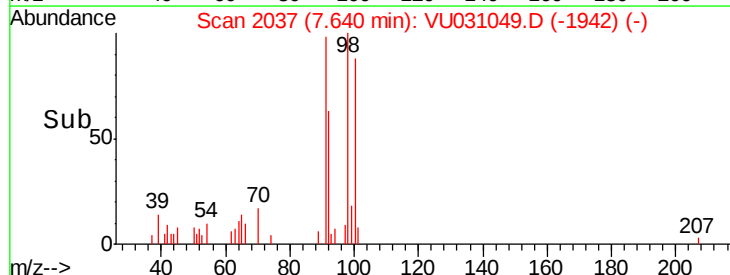
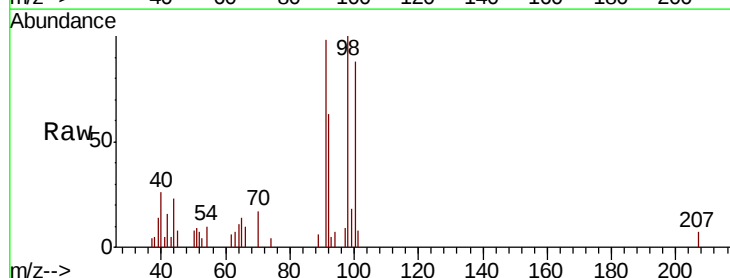
Instrument :
 MSVOA_U
 ClientSampleId :
 DB710

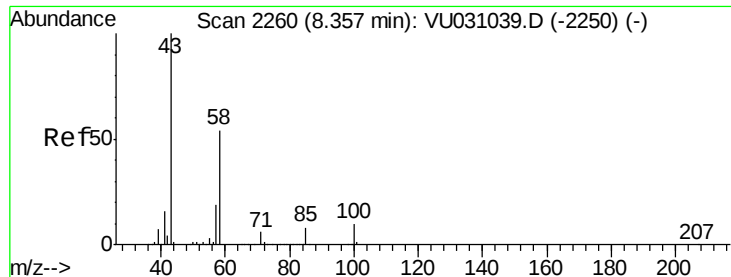
Tot Ion: 75 Resp: 5777
 Ion Ratio Lower Upper
 75 100
 77 45.9 23.1 42.9#



#42
 Toluene
 Concen: 0.374 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU031049.D
 Acq: 11 Apr 2019 07:17

Tgt Ion: 91 Resp: 6148
 Ion Ratio Lower Upper
 91 100
 92 63.9 40.0 74.4

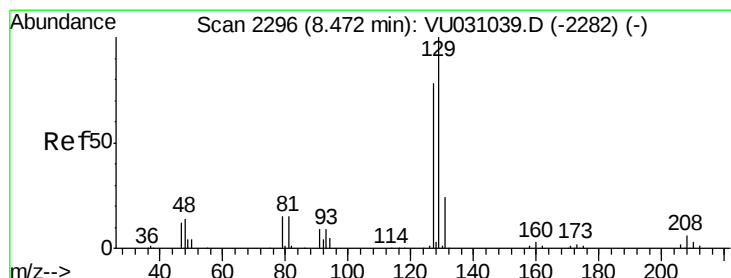
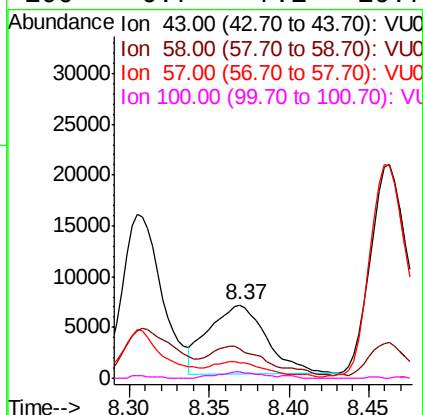
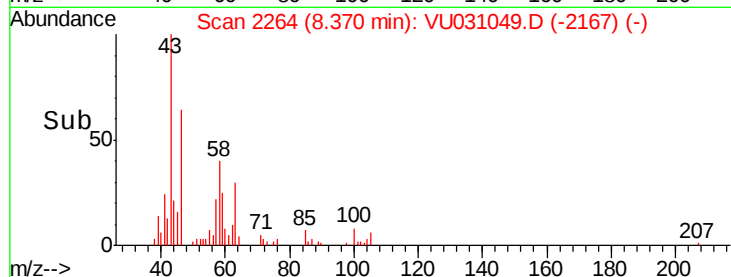
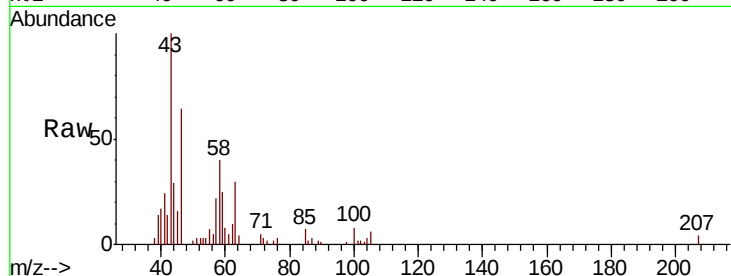




#48
2-Hexanone
Concen: 2.959 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031049.D
Acq: 11 Apr 2019 07:17

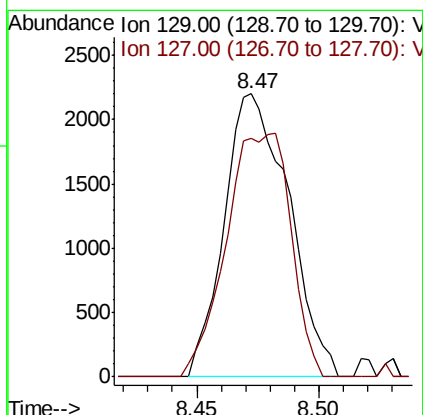
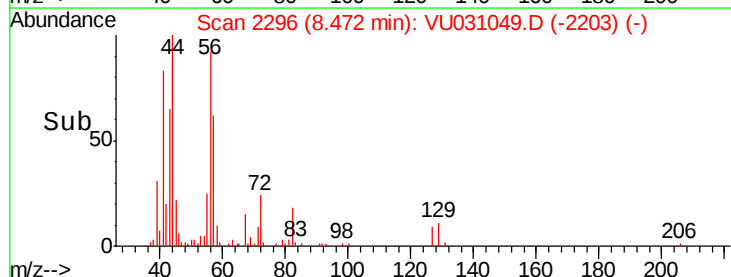
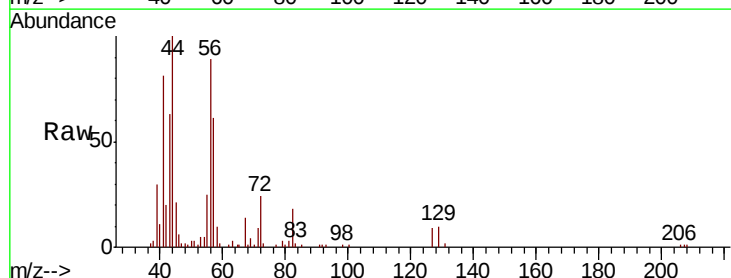
Instrument :
MSVOA_U
ClientSampleId :
DB710

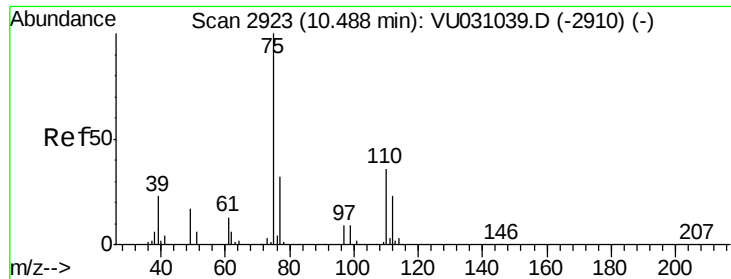
Tot Ion: 43 Resp: 16911
Ion Ratio Lower Upper
43 100
58 40.8 41.9 62.9#
57 21.4 14.3 21.5
100 6.7 7.1 10.7#



#49
Dibromochloromethane
Concen: 0.986 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031049.D
Acq: 11 Apr 2019 07:17

Tgt Ion: 129 Resp: 4043
Ion Ratio Lower Upper
129 100
127 84.4 54.5 101.3





#59

1,2,3-Trichloropropane

Concen: 5.247 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

Instrument :

MSVOA_U

ClientSampleId :

DB710

Tot Ion: 75 Resp: 28630

Ion Ratio Lower Upper

75 100

77 36.7 26.1 39.1

