

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031046.D
 Acq On : 11 Apr 2019 06:09
 Operator : JC/SP
 Sample : K2299-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB706

Quant Time: Apr 11 08:15:25 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	502202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	493903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	218577	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.52%
7) Chloroethane-d5	1.68	69	177256	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.27	63	307436	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
21) 2-Butanone-d5	4.17	46	379386	106.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.64	84	365297	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
26) 1,2-Dichloroethane-d4	5.31	65	246712	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
32) Benzene-d6	5.33	84	741228	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.32	67	251167	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.66%
41) Toluene-d8	7.56	98	644756	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%
43) trans-1,3-Dichloropropene-	7.85	79	108641	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.31	63	223978	99.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	342651	51.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	231333	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

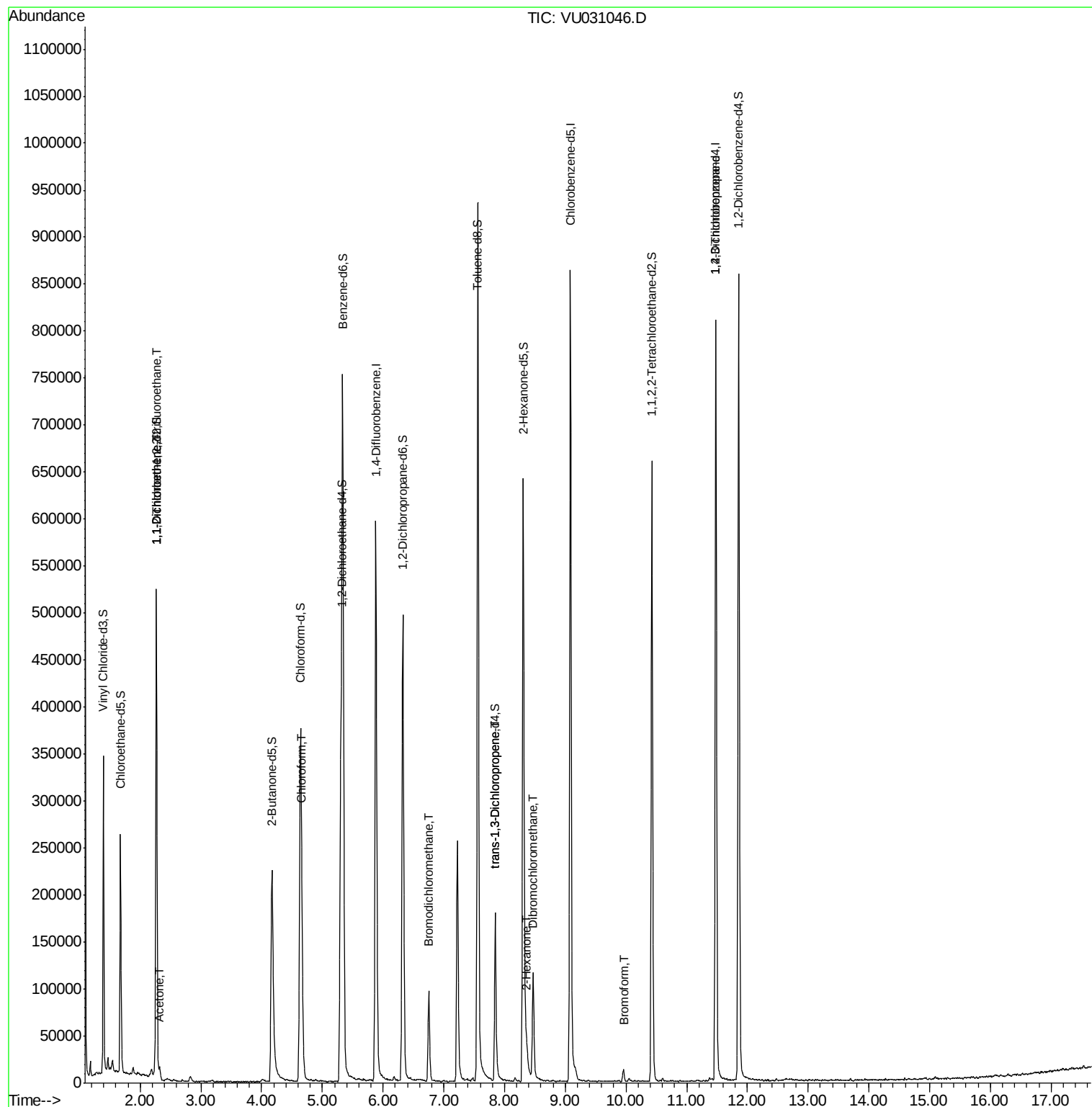
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2711	0.754	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2433	0.701	ug/L #	1
13) Acetone	2.32	43	11515	3.167	ug/L	85
25) Chloroform	4.67	83	75622	9.891	ug/L	97
38) Bromodichloromethane	6.75	83	66145	11.980	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	5113	0.891	ug/L	85
48) 2-Hexanone	8.37	43	10784	1.878	ug/L #	72
49) Dibromochloromethane	8.47	129	46886	11.384	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	27505	5.018	ug/L	95
61) Bromoform	9.96	173	6651	2.328	ug/L #	89

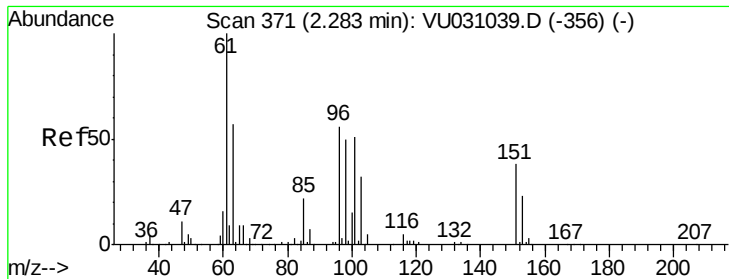
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.754 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031046.D

Acq: 11 Apr 2019 06:09

Instrument :

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ClientSampleId :

DB706

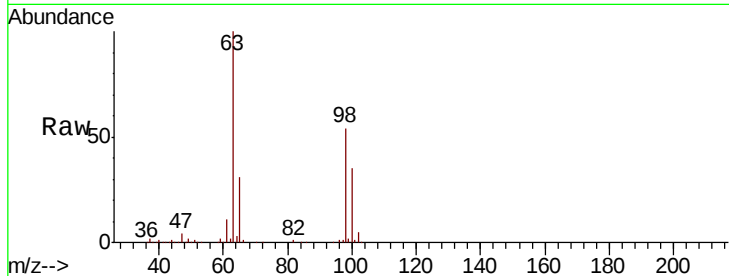
Tot Ion:101 Resp: 2711

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

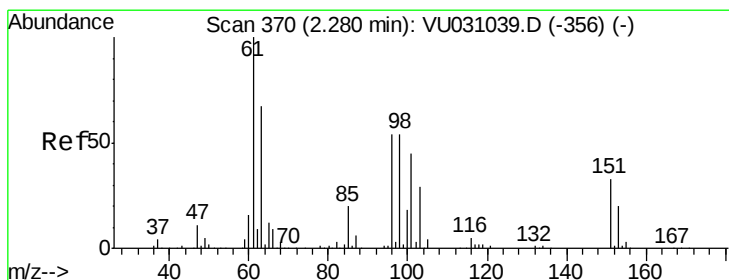
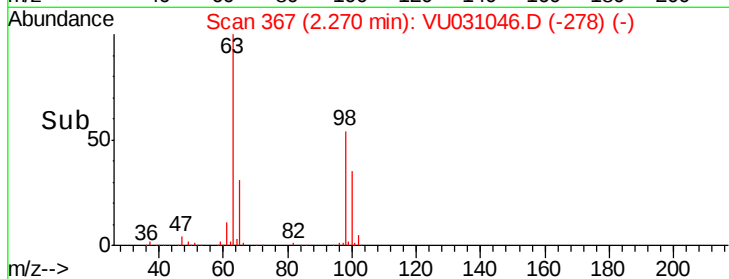
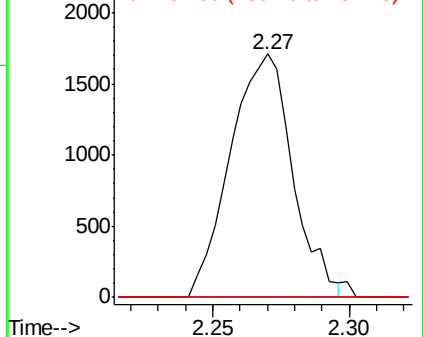
151 0.0 57.4 86.0#



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: 0.701 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031046.D

Acq: 11 Apr 2019 06:09

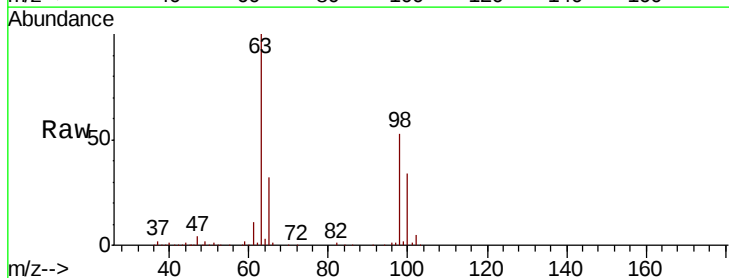
Tgt Ion: 96 Resp: 2433

Ion Ratio Lower Upper

96 100

61 1455.0 132.0 245.2#

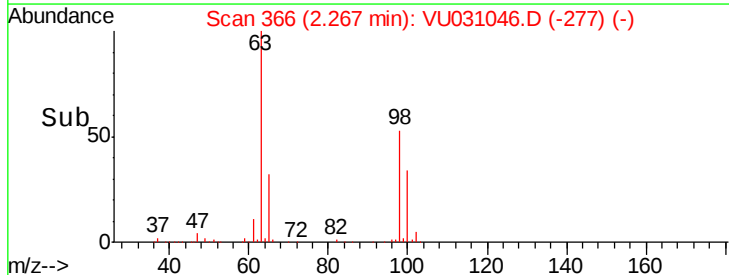
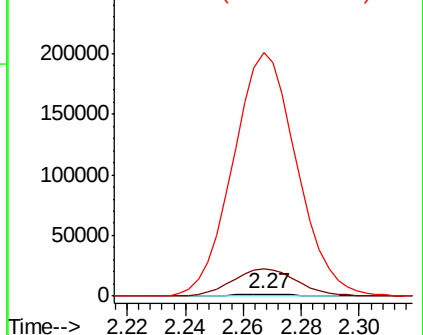
63 13045.4 90.9 168.9#

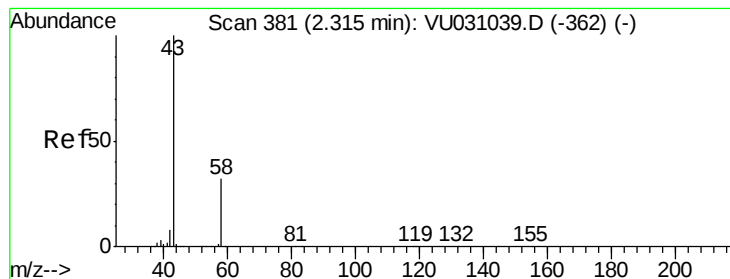


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.167 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031046.D

Acq: 11 Apr 2019 06:09

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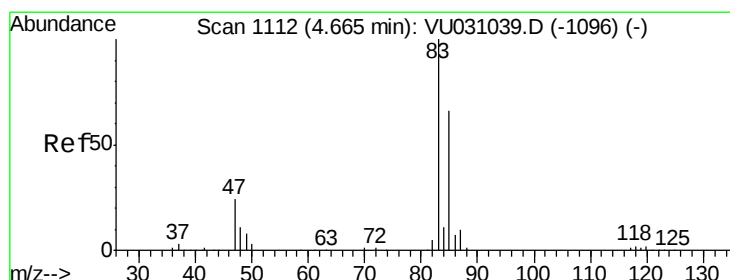
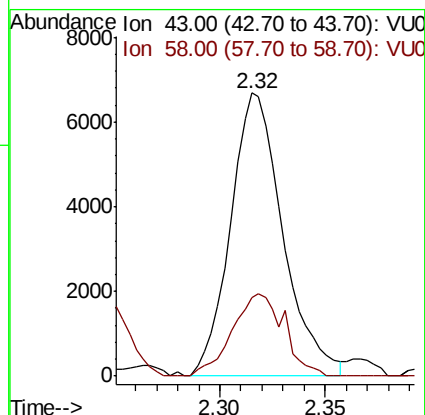
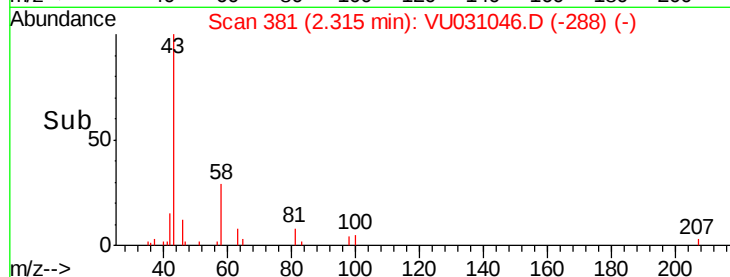
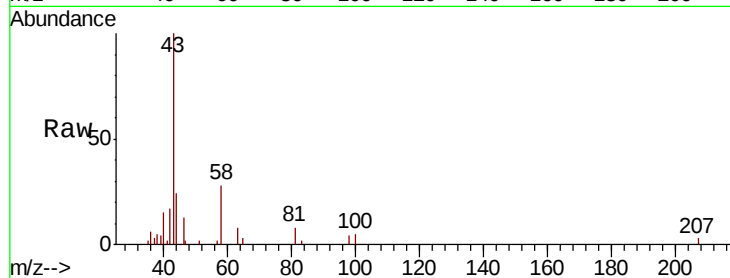
DB706

Tot Ion: 43 Resp: 11515

Ion Ratio Lower Upper

43 100

58 23.8 0.0 64.0



#25

Chloroform

Concen: 9.891 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031046.D

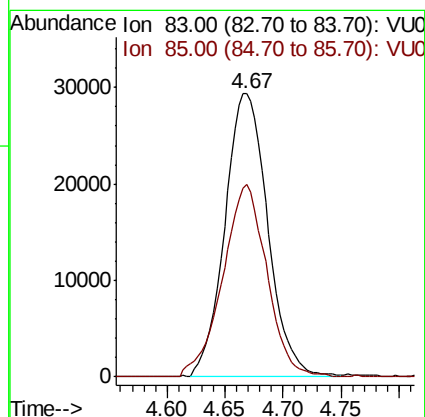
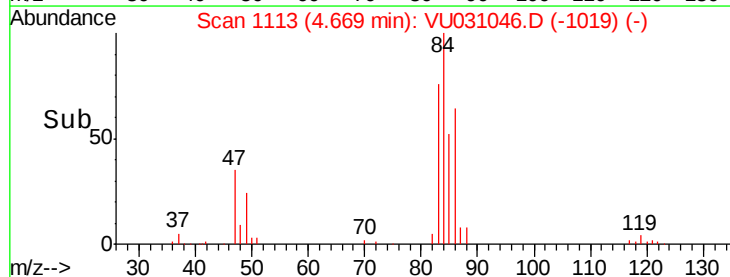
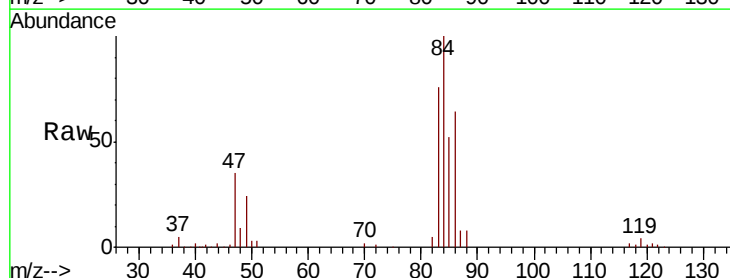
Acq: 11 Apr 2019 06:09

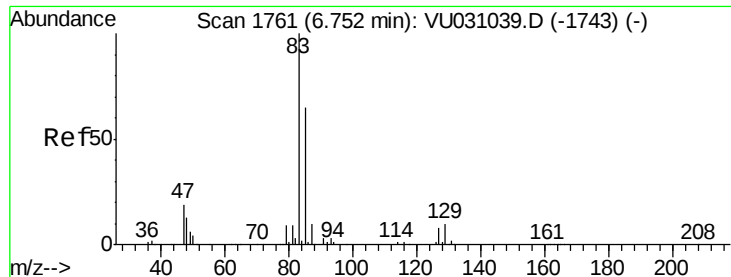
Tgt Ion: 83 Resp: 75622

Ion Ratio Lower Upper

83 100

85 68.0 45.8 85.0

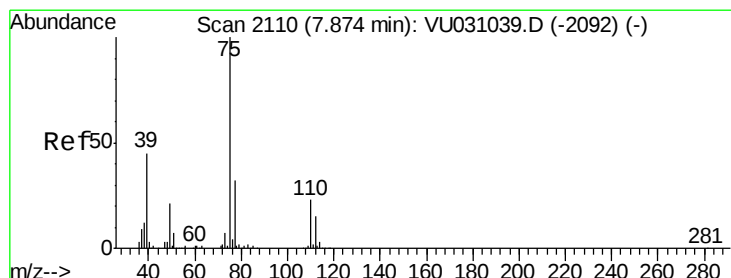
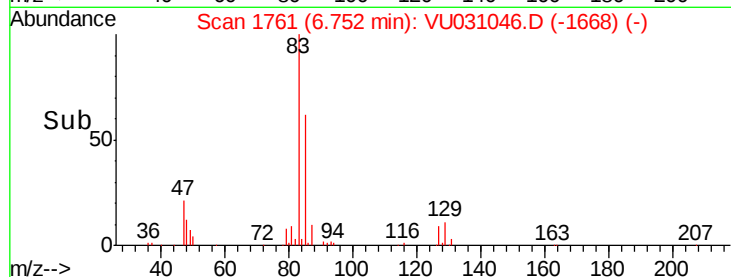
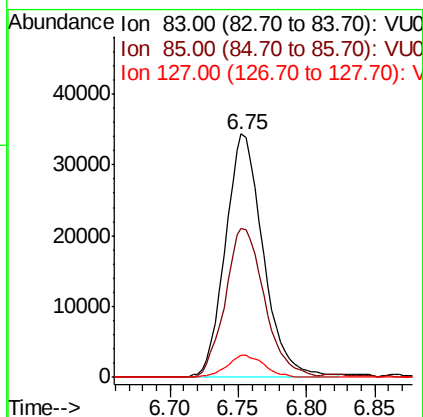
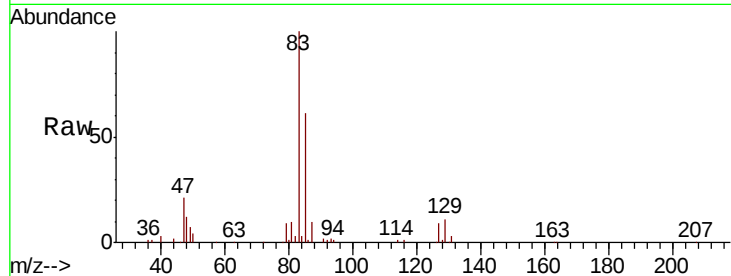




#38
 Bromodichloromethane
 Concen: 11.980 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU031046.D
 Acq: 11 Apr 2019 06:09

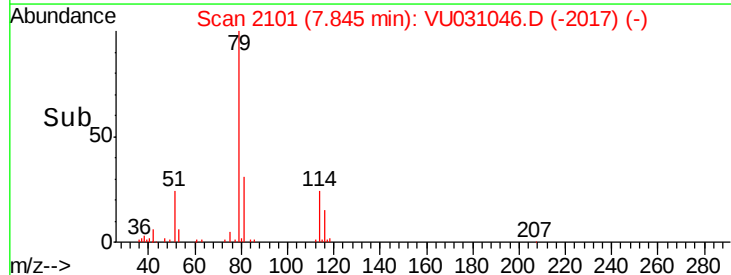
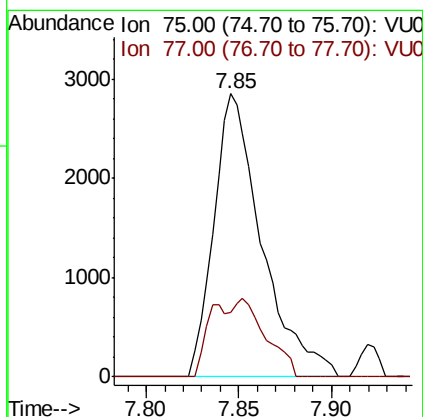
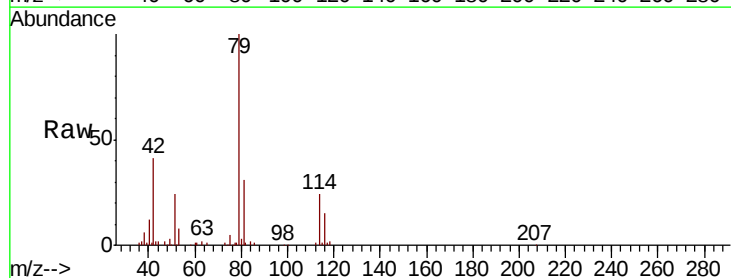
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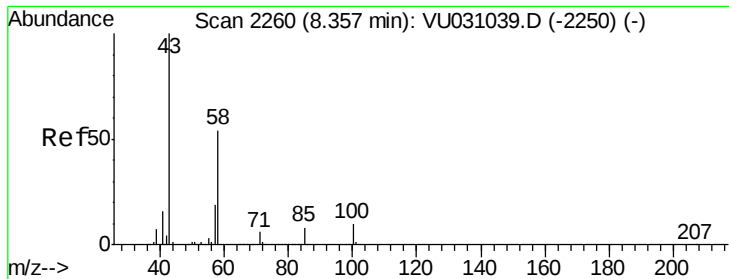
Tot Ion: 83 Resp: 66145
 Ion Ratio Lower Upper
 83 100
 85 61.4 46.5 86.3
 127 9.0 6.6 10.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.891 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031046.D
 Acq: 11 Apr 2019 06:09

Tgt Ion: 75 Resp: 5113
 Ion Ratio Lower Upper
 75 100
 77 22.6 21.6 40.0

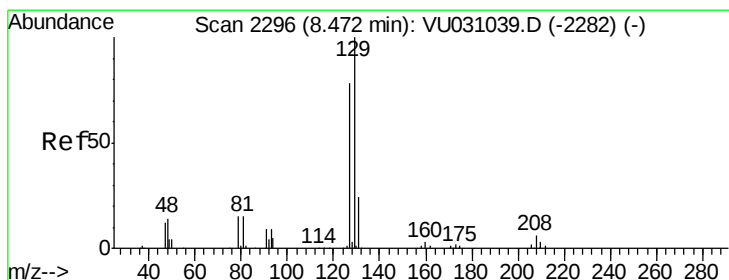
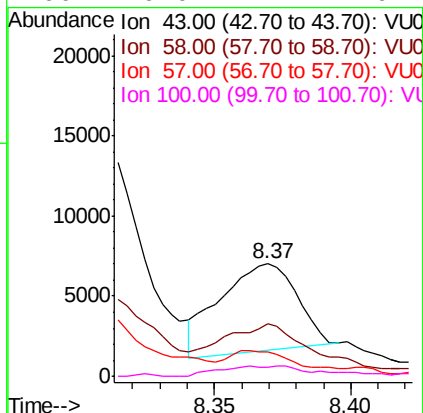
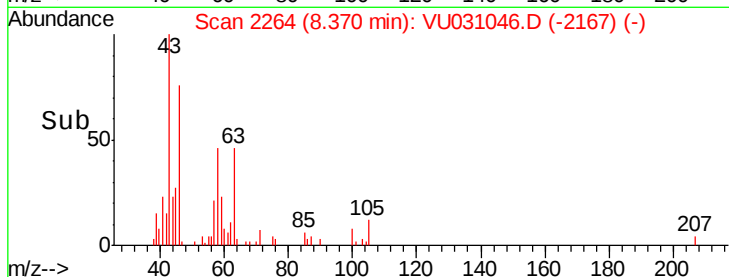
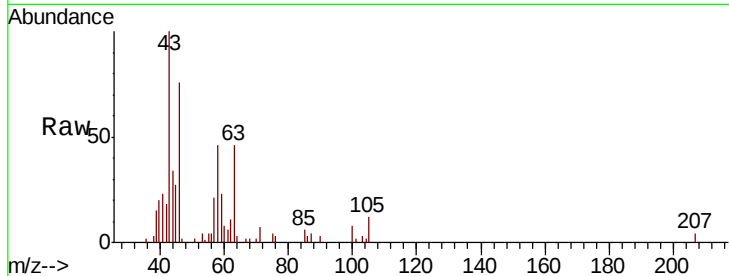




#48
2-Hexanone
Concen: 1.878 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031046.D
Acq: 11 Apr 2019 06:09

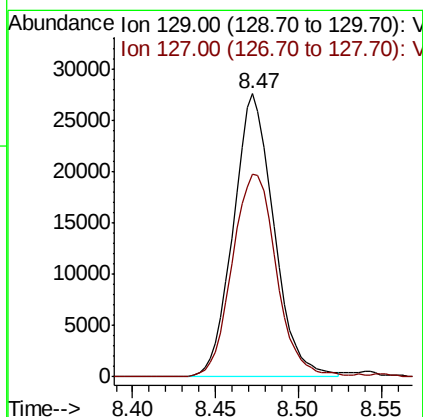
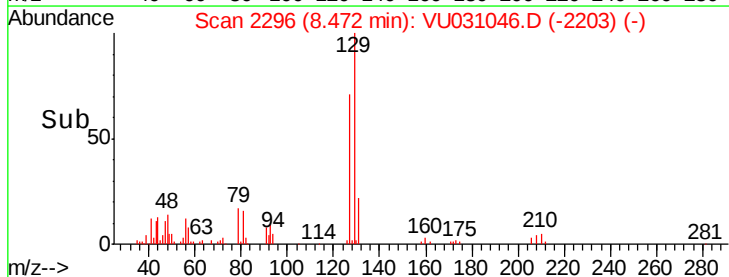
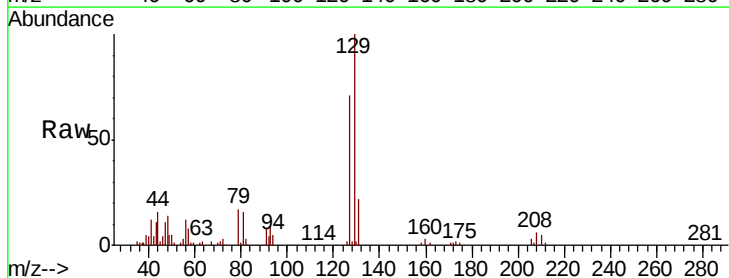
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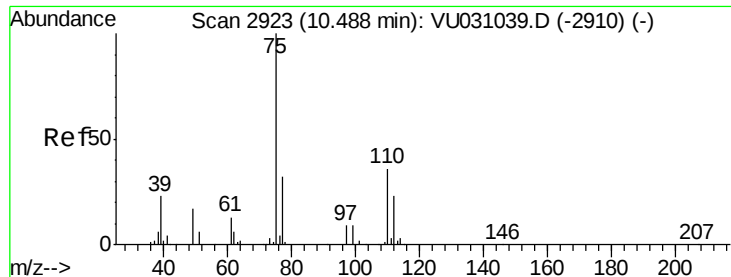
Tot Ion: 43 Resp: 10784
Ion Ratio Lower Upper
43 100
58 35.4 41.9 62.9#
57 0.0 14.3 21.5#
100 0.0 7.1 10.7#



#49
Dibromochloromethane
Concen: 11.384 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031046.D
Acq: 11 Apr 2019 06:09

Tgt Ion: 129 Resp: 46886
Ion Ratio Lower Upper
129 100
127 71.5 54.5 101.3

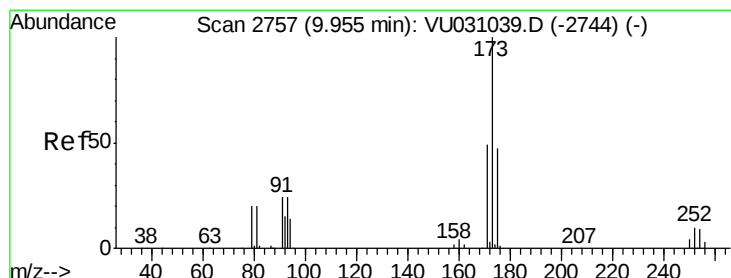
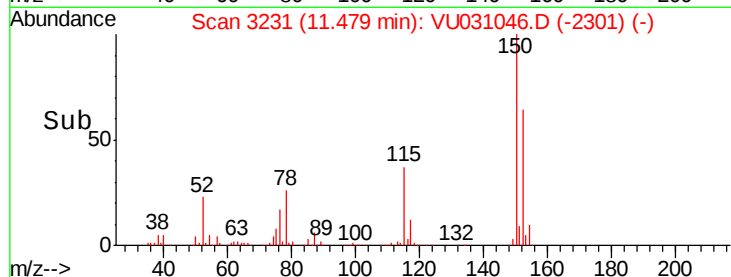
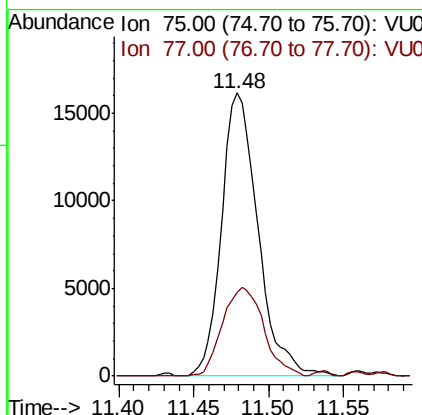
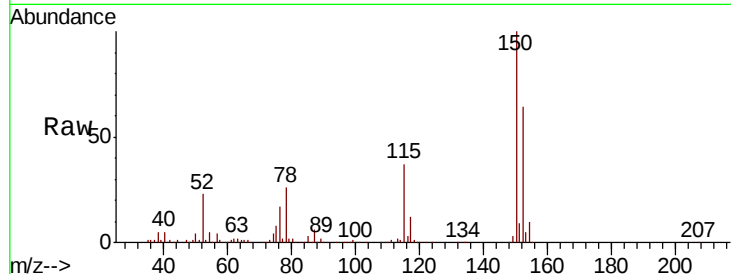




#59
 1,2,3-Trichloropropane
 Concen: 5.018 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031046.D
 Acq: 11 Apr 2019 06:09

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Tot Ion: 75 Resp: 27505
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.1 39.1



#61
 Bromoform
 Concen: 2.328 ug/L
 RT: 9.96 min Scan# 2759
 Delta R.T. 0.01 min
 Lab File: VU031046.D
 Acq: 11 Apr 2019 06:09

Tgt Ion: 173 Resp: 6651
 Ion Ratio Lower Upper
 173 100
 175 41.8 39.1 58.7
 254 4.8 7.3 10.9#

