

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
 Data File : VU030298.D
 Acq On : 22 Mar 2019 11:18
 Operator : JC/SP
 Sample : K2017-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Mar 23 02:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462801	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155901	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.22%
7) Chloroethane-d5	1.68	69	129890	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.30%
11) 1,1-Dichloroethene-d2	2.27	63	211945	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.46%
21) 2-Butanone-d5	4.17	46	279775	117.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	4.65	84	296196	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
26) 1,2-Dichloroethane-d4	5.31	65	181749	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
32) Benzene-d6	5.34	84	631508	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.33	67	202873	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.52%
41) Toluene-d8	7.56	98	564459	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	7.85	79	93087	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.32%
47) 2-Hexanone-d5	8.31	63	225782	115.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311126	53.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	228590	54.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.54%

Target Compounds

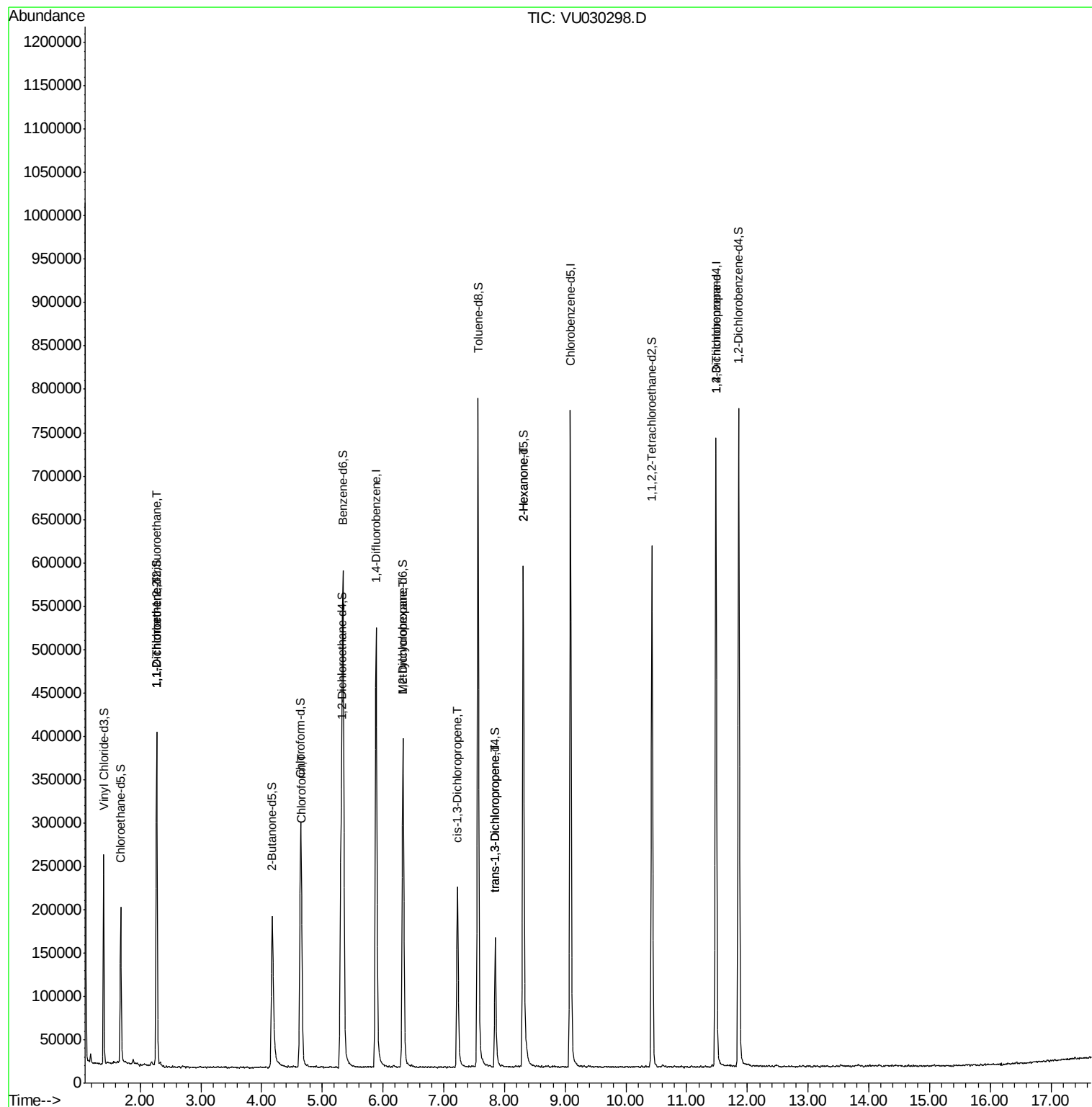
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2371	0.744 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2287	0.723 ug/L #	1
25) Chloroform	4.67	83	3824	0.640 ug/L	99
35) Methylcyclohexane	6.33	83	47122	8.539 ug/L #	22
39) cis-1,3-Dichloropropene	7.22	75	5109	0.931 ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	3595	0.757 ug/L #	72
48) 2-Hexanone	8.31	43	21793	5.587 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	22671	4.905 ug/L	97

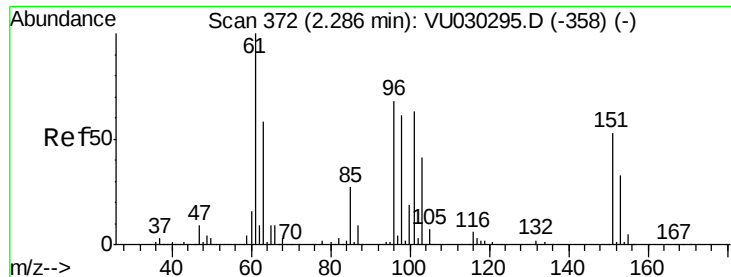
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 23 02:31:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.744 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030298.D

Acq: 22 Mar 2019 11:18

Instrument :

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ClientSampleId :

VHBLK02

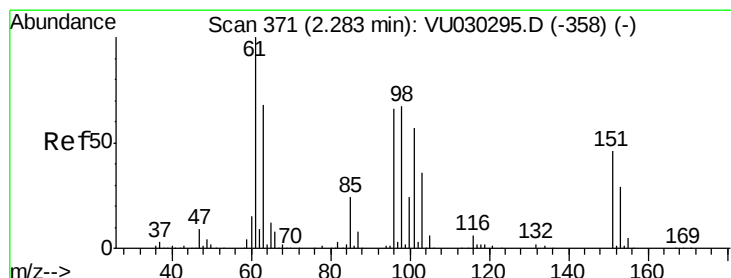
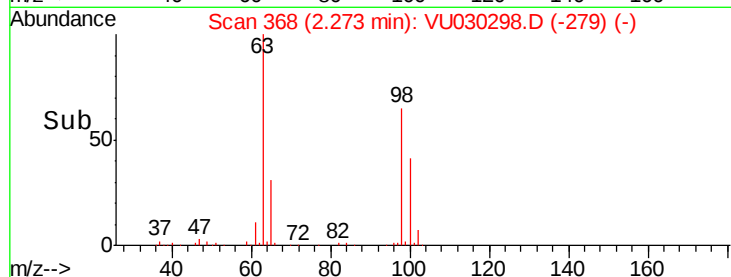
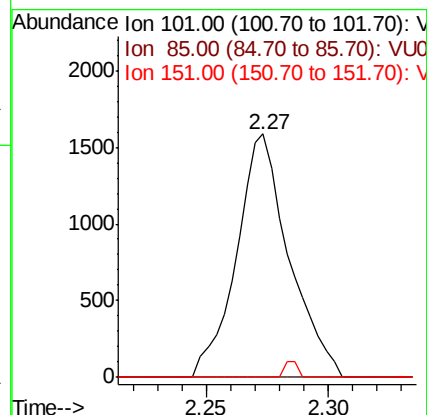
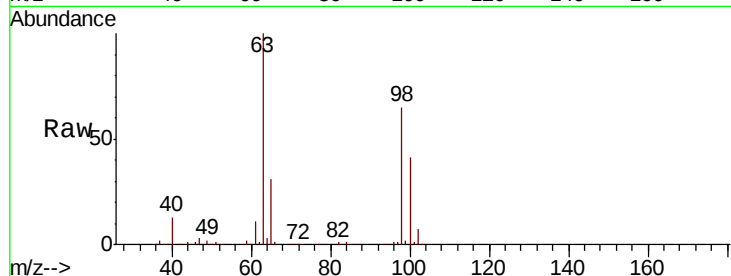
Tgt Ion: 101 Resp: 2371

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 1.6 64.7 97.1#



#12

1,1-Dichloroethene

Concen: 0.723 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030298.D

Acq: 22 Mar 2019 11:18

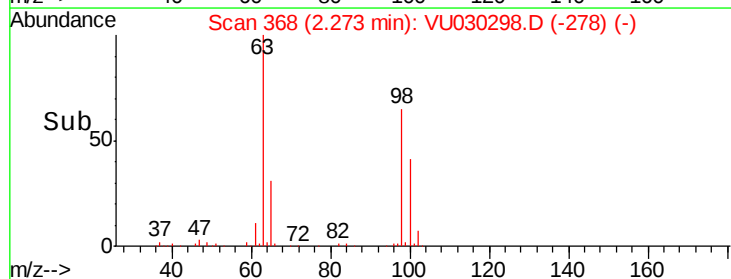
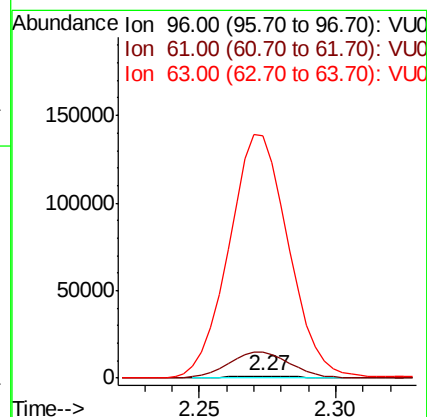
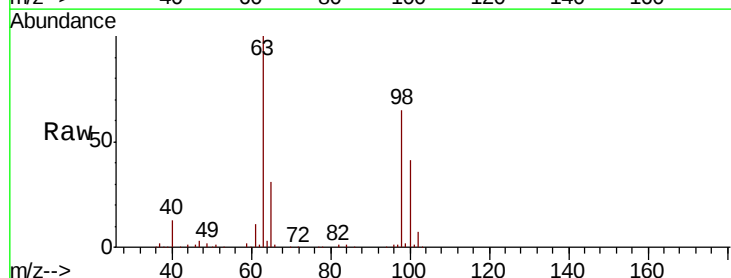
Tgt Ion: 96 Resp: 2287

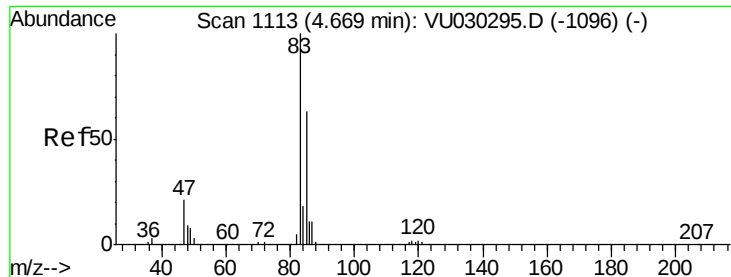
Ion Ratio Lower Upper

96 100

61 1139.1 104.6 194.2#

63 10803.4 77.2 143.4#





#25

Chloroform

Concen: 0.640 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030298.D

Acq: 22 Mar 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

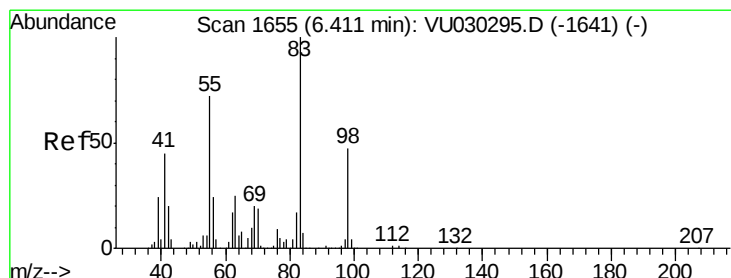
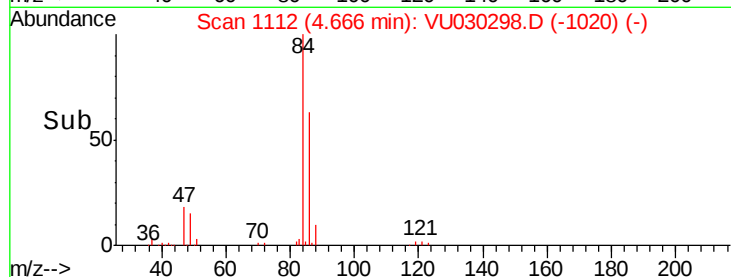
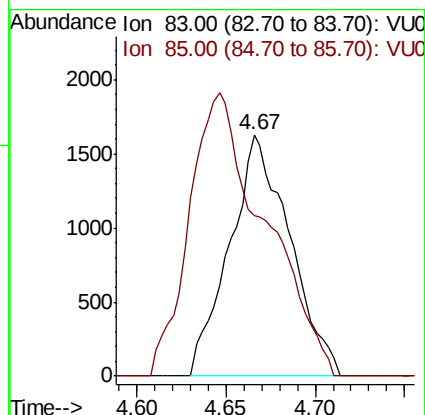
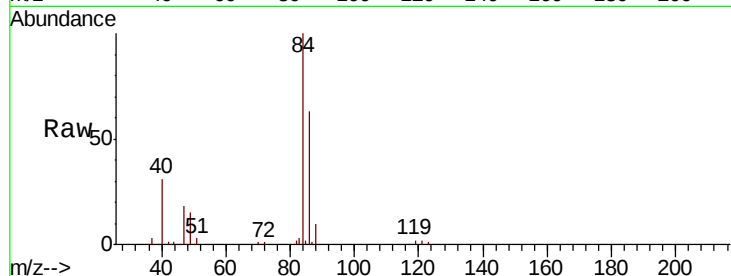
VHBLK02

Tgt Ion: 83 Resp: 3824

Ion Ratio Lower Upper

83 100

85 66.3 45.8 85.2



#35

Methylcyclohexane

Concen: 8.539 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030298.D

Acq: 22 Mar 2019 11:18

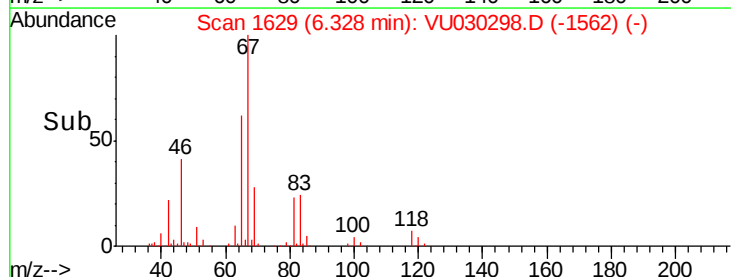
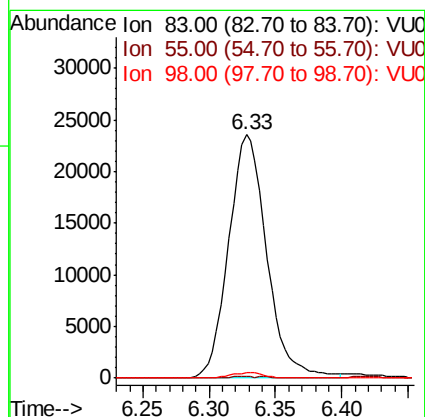
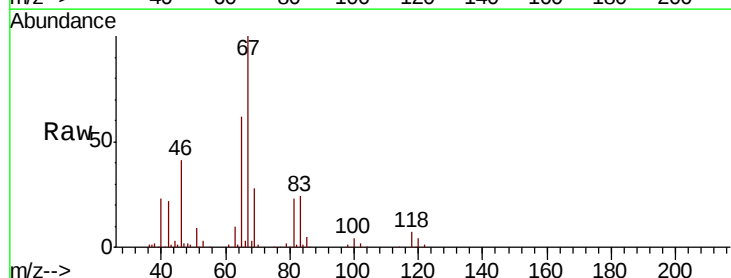
Tgt Ion: 83 Resp: 47122

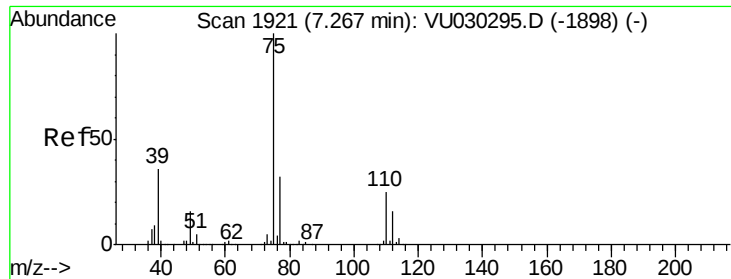
Ion Ratio Lower Upper

83 100

55 0.3 56.6 85.0#

98 1.8 37.0 55.4#



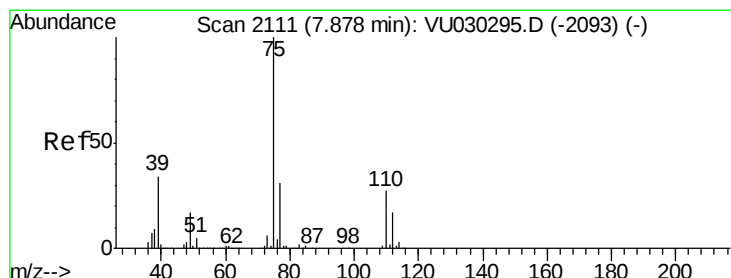
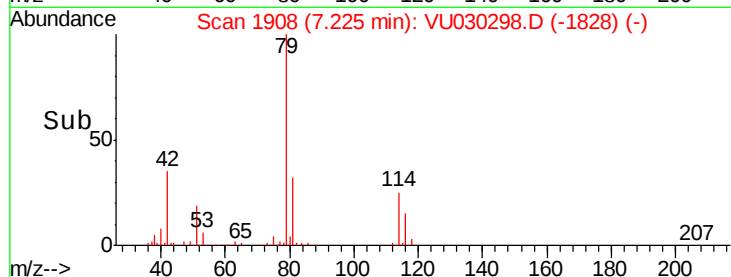
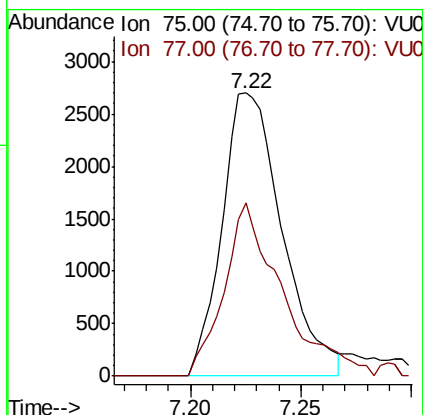
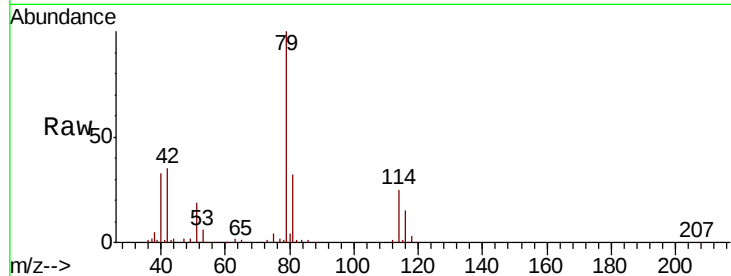


#39

cis-1,3-Dichloropropene
 Concen: 0.931 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030298.D
 Acq: 22 Mar 2019 11:18

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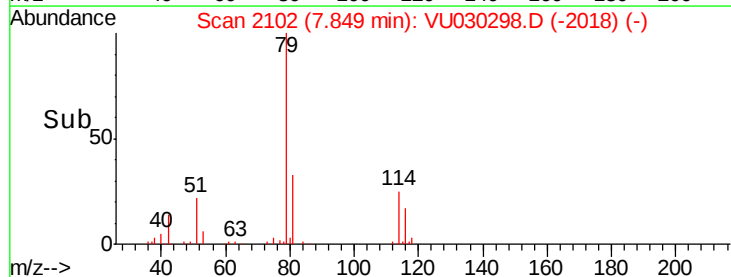
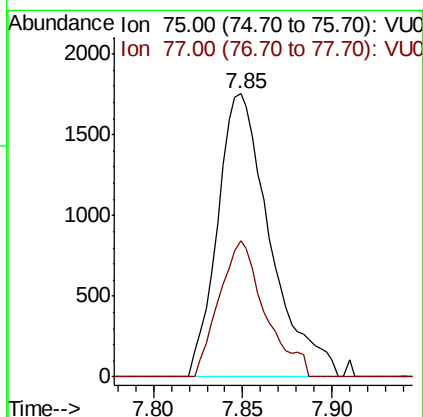
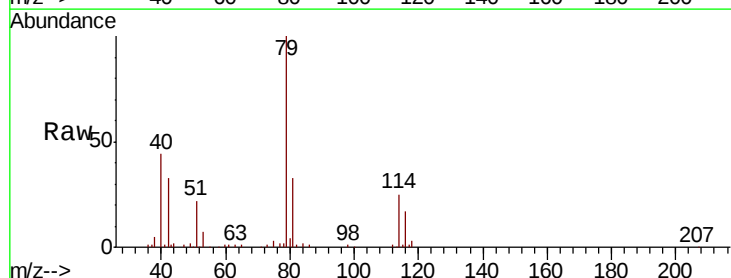
Tgt Ion: 75 Resp: 5109
 Ion Ratio Lower Upper
 75 100
 77 61.0 22.1 41.1#

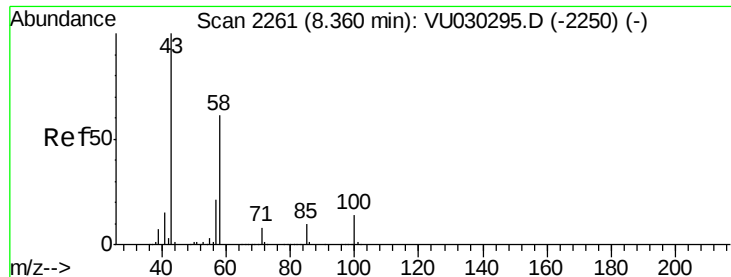


#44

trans-1,3-Dichloropropene
 Concen: 0.757 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030298.D
 Acq: 22 Mar 2019 11:18

Tgt Ion: 75 Resp: 3595
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.7 42.1#

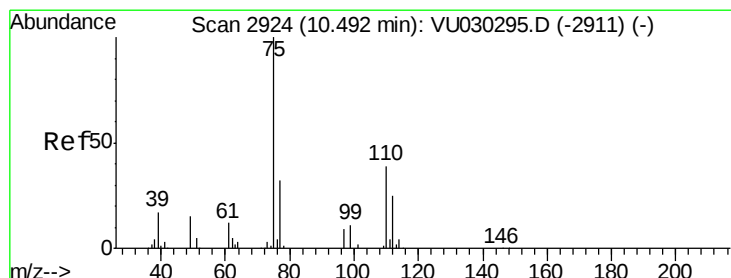
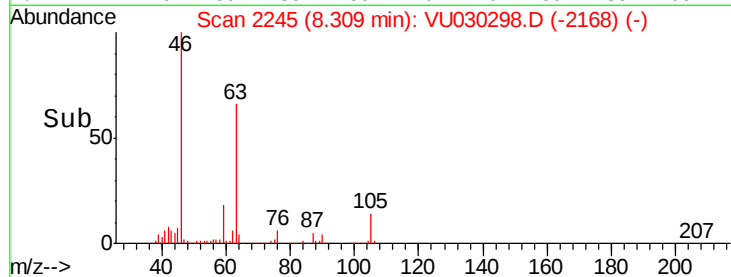
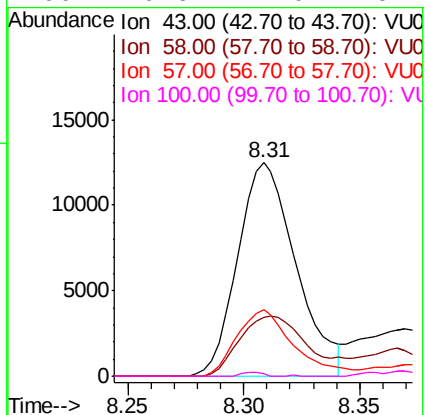
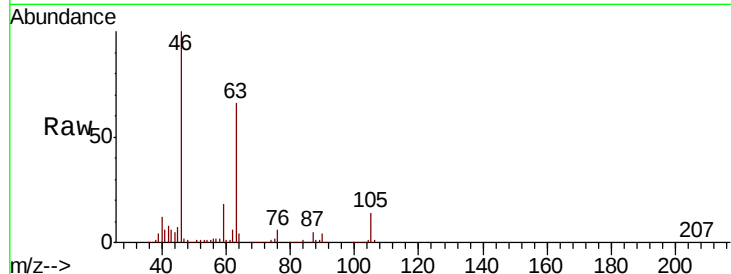




#48
 2-Hexanone
 Concen: 5.587 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030298.D
 Acq: 22 Mar 2019 11:18

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Tgt Ion:	43	Resp:	21793
Ion	Ratio	Lower	Upper
43	100		
58	31.6	49.3	73.9#
57	30.8	17.0	25.4#
100	0.6	11.0	16.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.905 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030298.D
 Acq: 22 Mar 2019 11:18

Tgt Ion:	75	Resp:	22671
Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.8	38.8

