

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030677.D
 Acq On : 04 Apr 2019 11:20
 Operator : JC/SP
 Sample : K2246-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D9

Quant Time: Apr 04 13:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 13:18:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522692	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225210	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215429	51.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.42%
7) Chloroethane-d5	1.68	69	174260	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.52%
11) 1,1-Dichloroethene-d2	2.27	63	296821	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	4.17	46	362995	91.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	4.64	84	320501	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	5.31	65	228543	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.34	84	697570	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.33	67	239040	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.56	98	611476	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%
43) trans-1,3-Dichloropropene-	7.85	79	103961	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
47) 2-Hexanone-d5	8.31	63	225551	82.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318276	44.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	212370	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

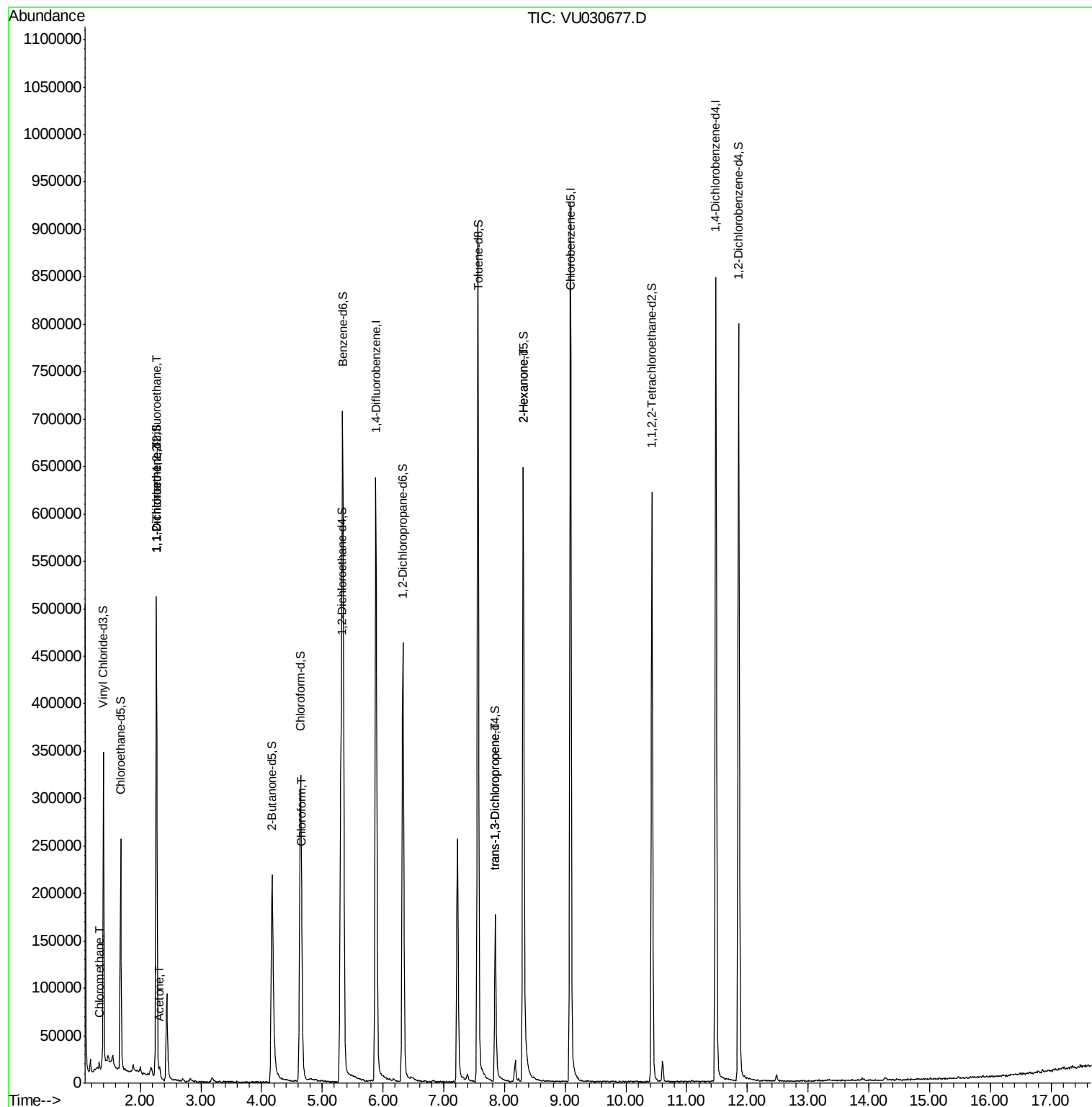
					Qvalue
3) Chloromethane	1.32	50	5397	0.837 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2402	0.630 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2105	0.563 ug/L #	1
13) Acetone	2.32	43	12429	3.108 ug/L	95
25) Chloroform	4.67	83	20411	2.667 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	4475	0.712 ug/L	88
48) 2-Hexanone	8.31	43	28610	4.183 ug/L #	76

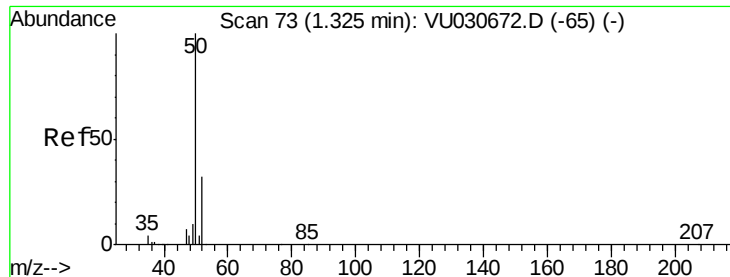
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.837 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU030677.D

Acq: 04 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

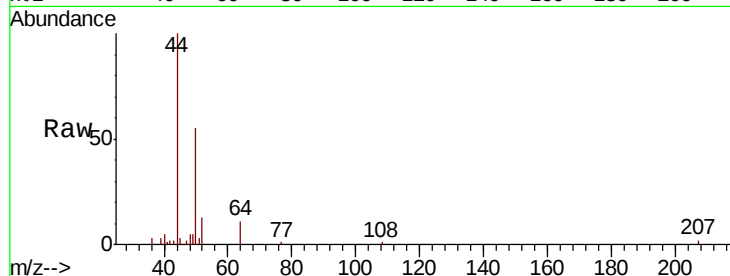
BF1D9

Tgt Ion: 50 Resp: 5397

Ion Ratio Lower Upper

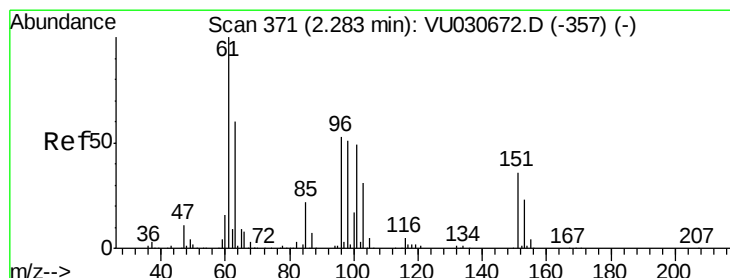
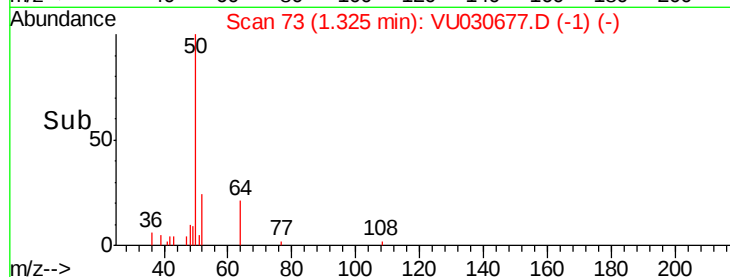
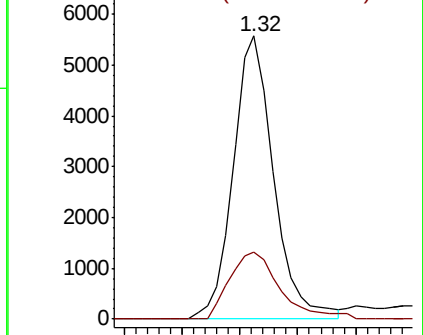
50 100

52 23.9 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030677.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU030677.D (-1) (-)



#10

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

Concen: 0.630 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030677.D

Acq: 04 Apr 2019 11:20

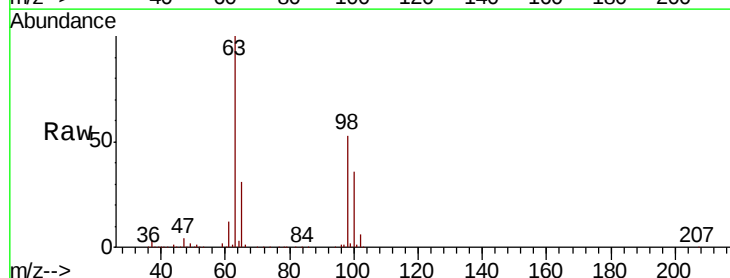
Tgt Ion: 101 Resp: 2402

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

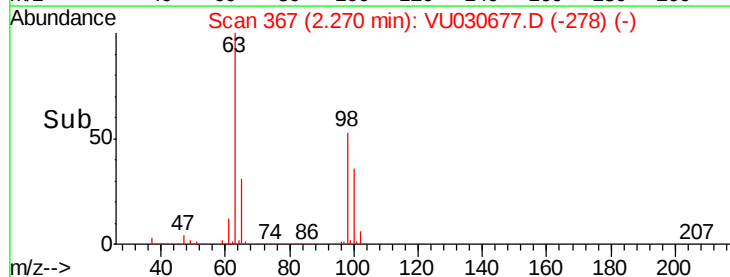
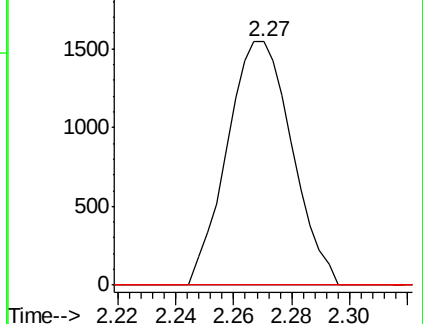
151 0.0 56.6 85.0#

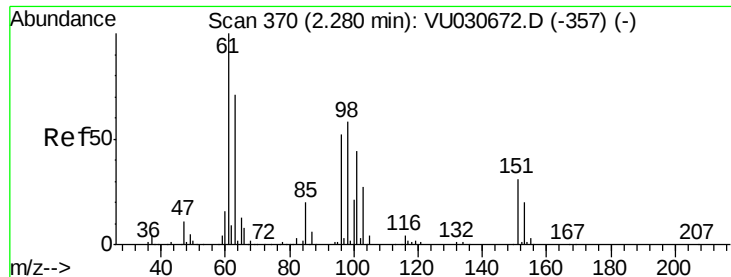


Abundance Ion 101.00 (100.70 to 101.70): VU030677.D (-278) (-)

Ion 85.00 (84.70 to 85.70): VU030677.D (-278) (-)

Ion 151.00 (150.70 to 151.70): VU030677.D (-278) (-)





#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030677.D

Acq: 04 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

BF1D9

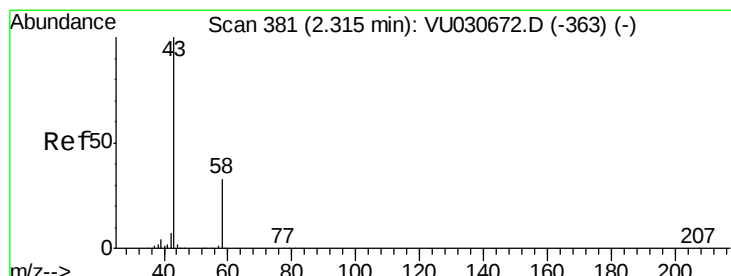
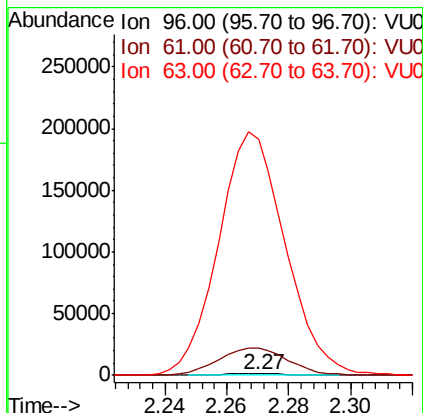
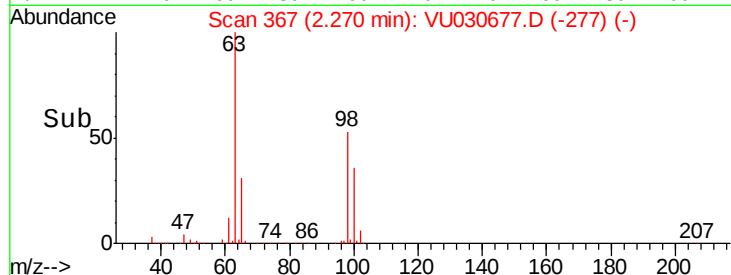
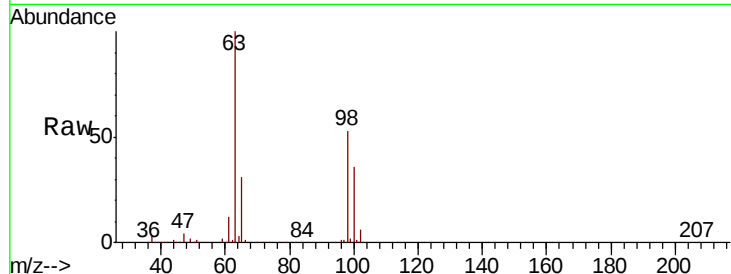
Tgt Ion: 96 Resp: 2105

Ion Ratio Lower Upper

96 100

61 1658.7 131.0 243.4#

63 14290.9 92.4 171.6#



#13

Acetone

Concen: 3.108 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030677.D

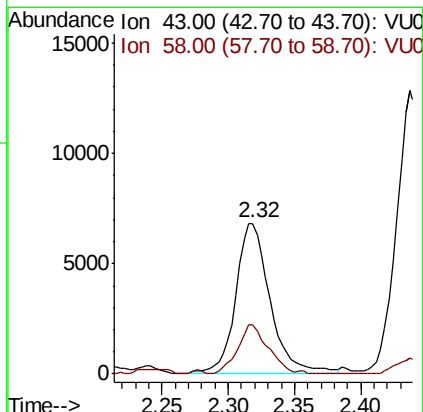
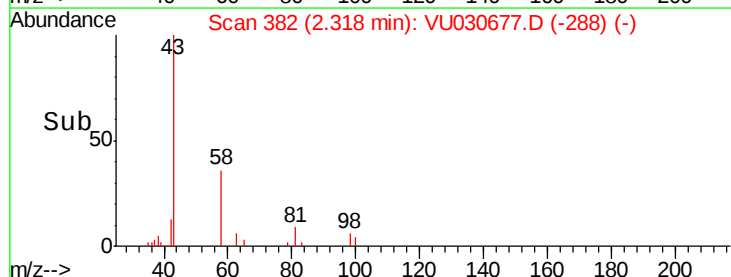
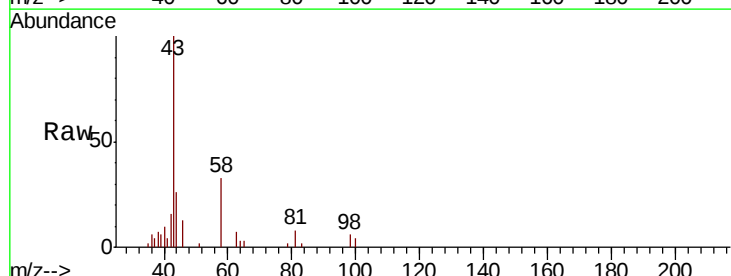
Acq: 04 Apr 2019 11:20

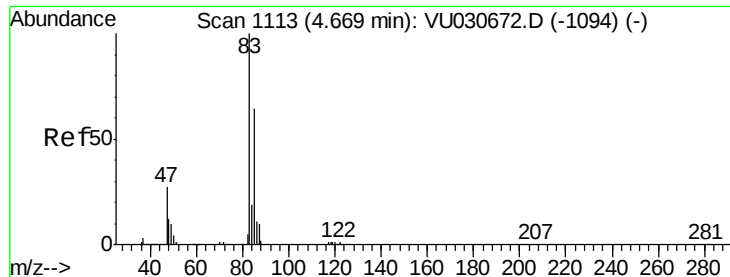
Tgt Ion: 43 Resp: 12429

Ion Ratio Lower Upper

43 100

58 28.8 0.0 62.8

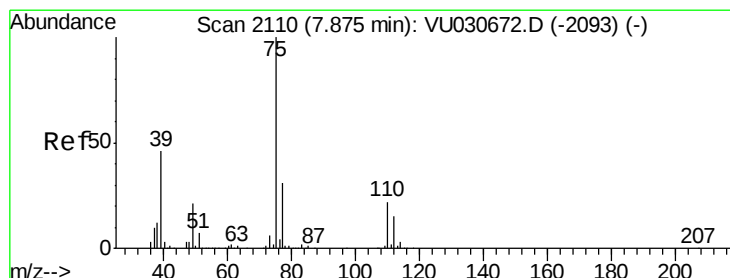
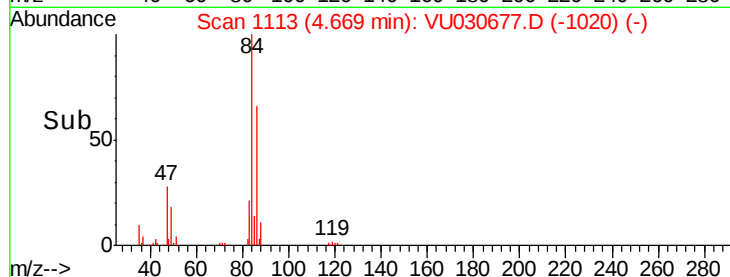
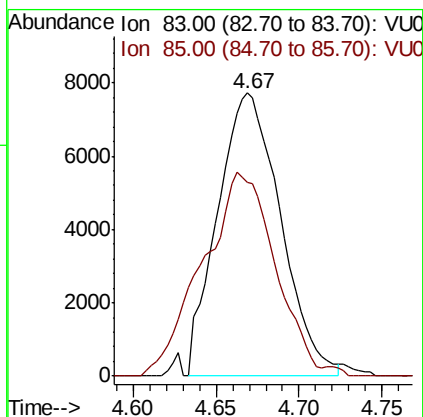
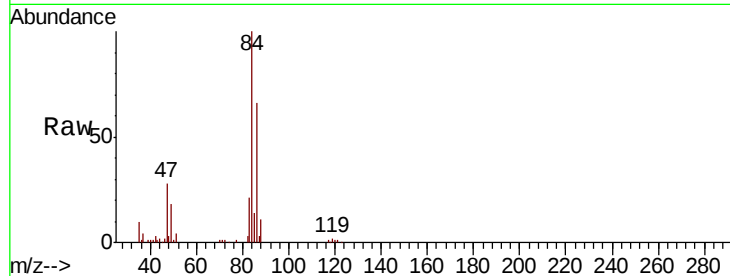




#25
Chloroform
Concen: 2.667 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030677.D
Acq: 04 Apr 2019 11:20

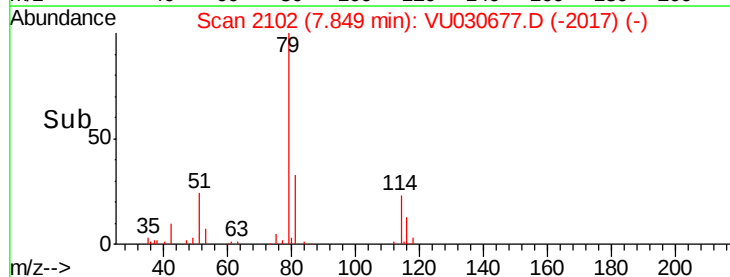
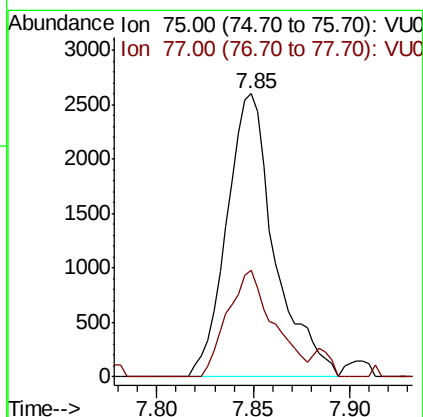
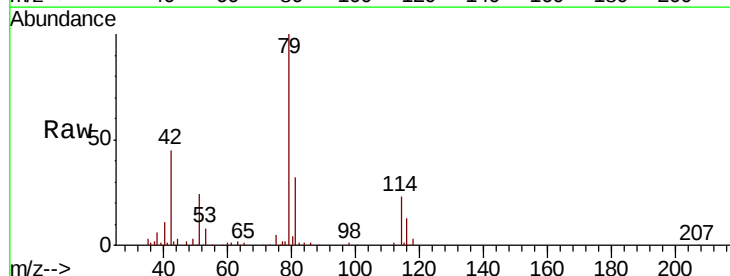
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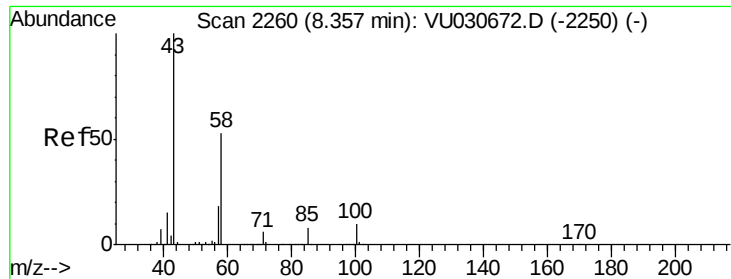
Tgt Ion: 83 Resp: 20411
Ion Ratio Lower Upper
83 100
85 68.3 44.4 82.4



#44
trans-1,3-Dichloropropene
Concen: 0.712 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030677.D
Acq: 04 Apr 2019 11:20

Tgt Ion: 75 Resp: 4475
Ion Ratio Lower Upper
75 100
77 37.8 22.0 40.8





#48

2-Hexanone

Concen: 4.183 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030677.D

Acq: 04 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

BF1D9

Tgt Ion: 43 Resp: 28610

Ion Ratio Lower Upper

43 100

58 32.3 42.5 63.7#

57 23.6 15.0 22.6#

100 0.5 7.4 11.2#

