

Data File : VU030628.D
Acq On : 03 Apr 2019 15:38
Operator : JC/SP
Sample : K2119-14
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5A9

Quant Time: Apr 04 06:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	433675	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206972	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	160802	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.70	69	477	0.17	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.34%#
11) 1,1-Dichloroethene-d2	2.24	63	236704	35.75	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.50%
21) 2-Butanone-d5	4.19	46	247804	75.53	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.53%
24) Chloroform-d	4.64	84	246330	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	5.30	65	172909	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
32) Benzene-d6	5.33	84	527467	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
36) 1,2-Dichloropropane-d6	6.32	67	178728	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.96%
41) Toluene-d8	7.56	98	448508	40.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.26%
43) trans-1,3-Dichloropropene-	7.85	79	80452	40.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.36%
47) 2-Hexanone-d5	8.32	63	175482	76.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265028	43.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	175443	42.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.62%

Target Compounds

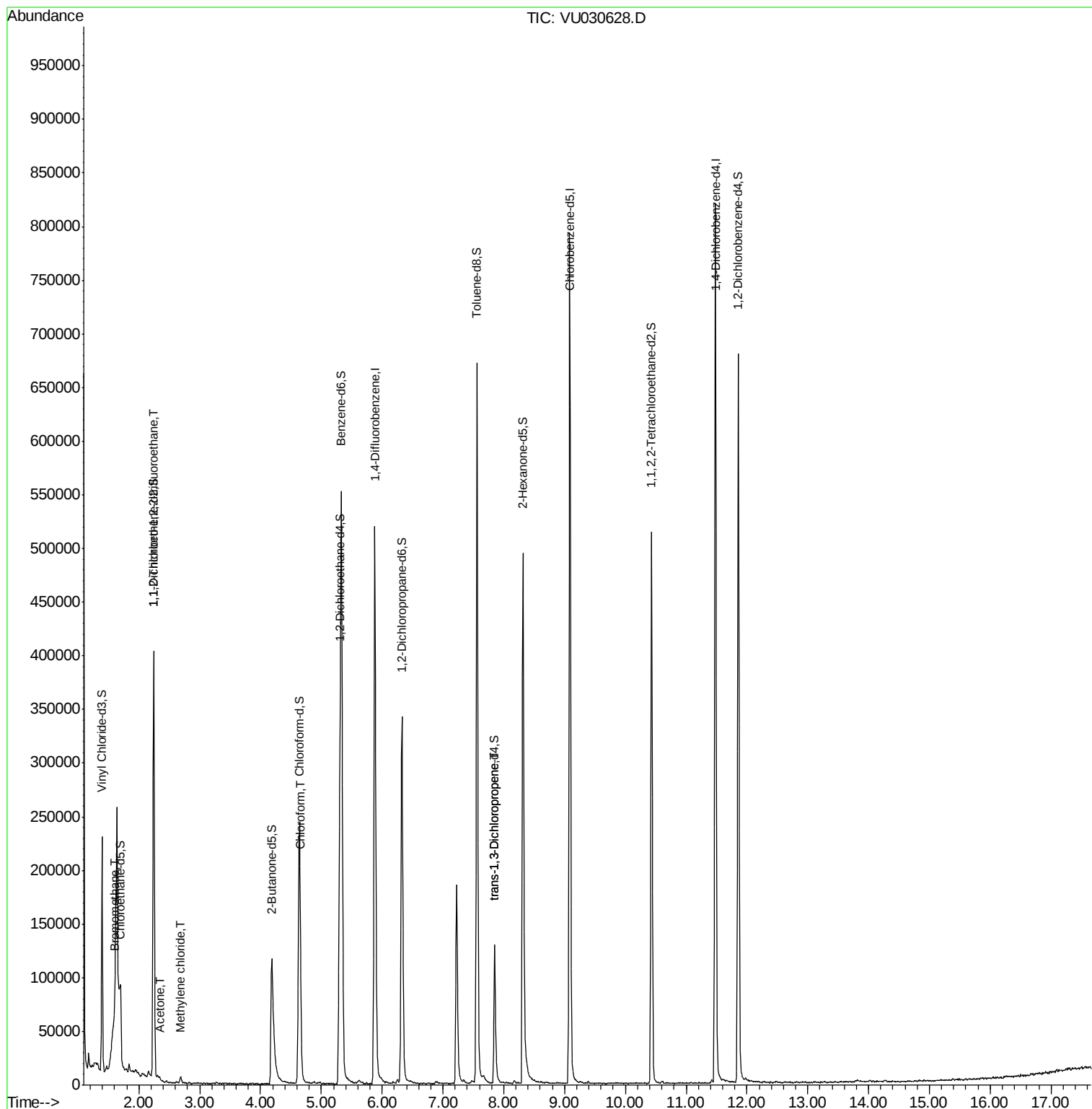
					Qvalue
6) Bromomethane	1.59	94	1622	0.697 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	1900	0.600 ug/L #	23
13) Acetone	2.33	43	4778	1.440 ug/L	84
16) Methylene chloride	2.68	84	2106	0.576 ug/L	89
25) Chloroform	4.66	83	7470	1.176 ug/L	79
44) trans-1,3-Dichloropropene	7.85	75	3334	0.629 ug/L #	47

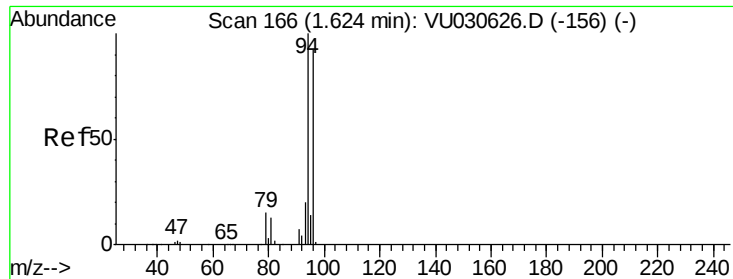
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.697 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

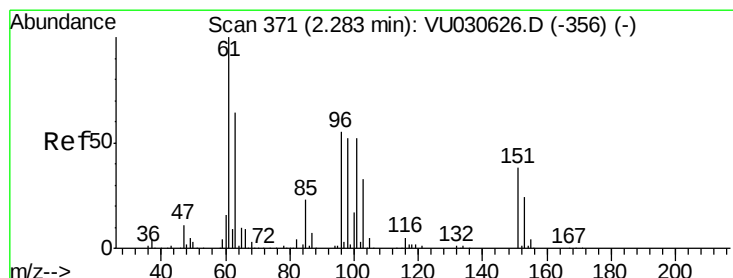
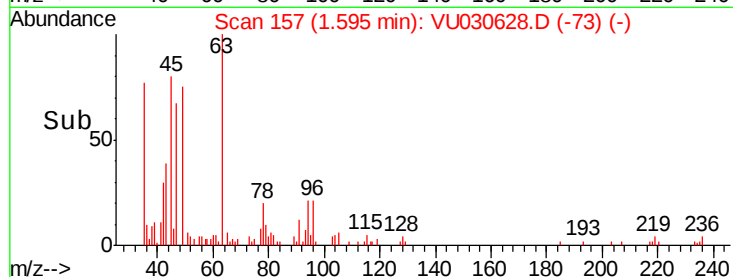
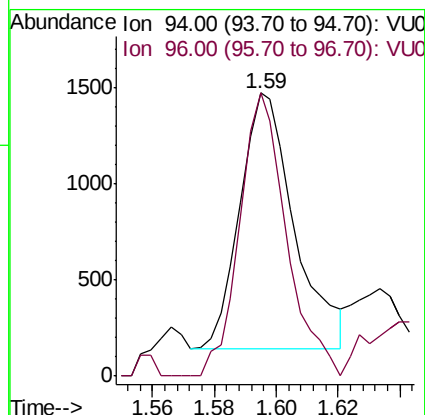
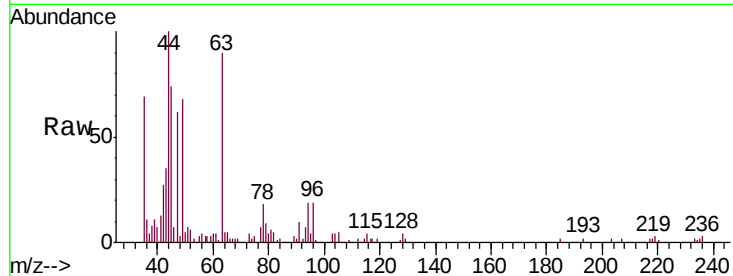
BF5A9

Tgt Ion: 94 Resp: 1622

Ion Ratio Lower Upper

94 100

96 100.1 64.8 120.3



#10

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

Concen: 0.600 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.04 min

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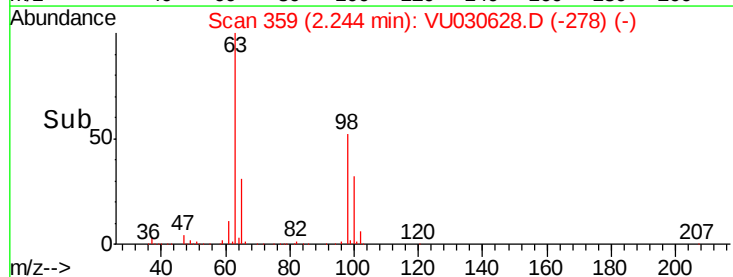
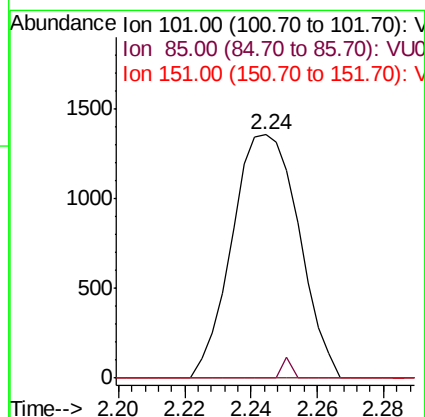
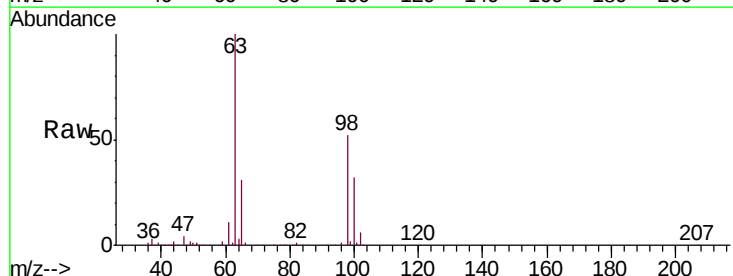
Tgt Ion: 101 Resp: 1900

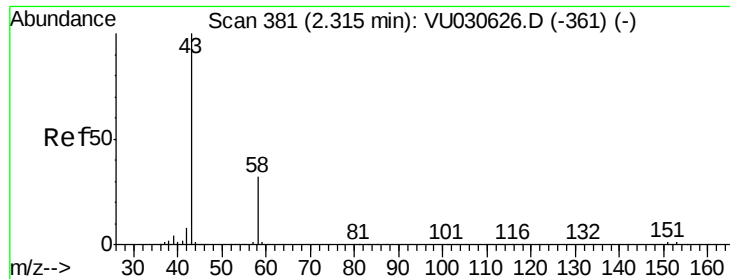
Ion Ratio Lower Upper

101 100

85 2.5 34.8 52.2#

151 0.0 56.6 85.0#





#13

Acetone

Concen: 1.440 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

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ClientSampleId :

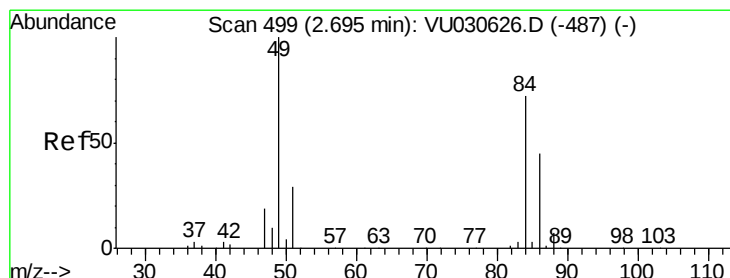
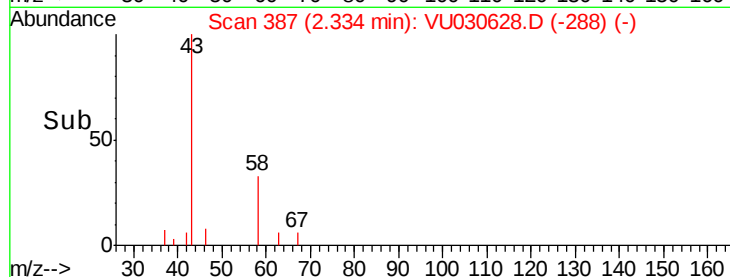
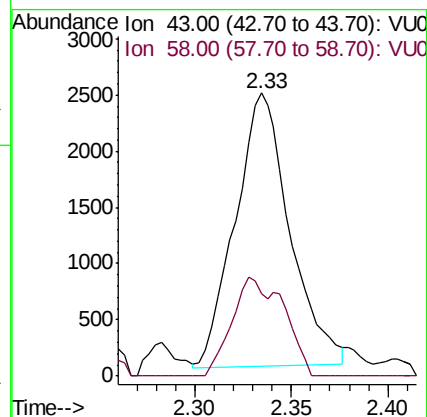
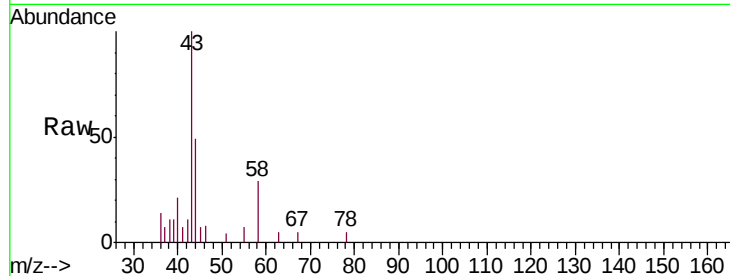
BF5A9

Tgt Ion: 43 Resp: 4778

Ion Ratio Lower Upper

43 100

58 22.4 0.0 62.8



#16

Methylene chloride

Concen: 0.576 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.01 min

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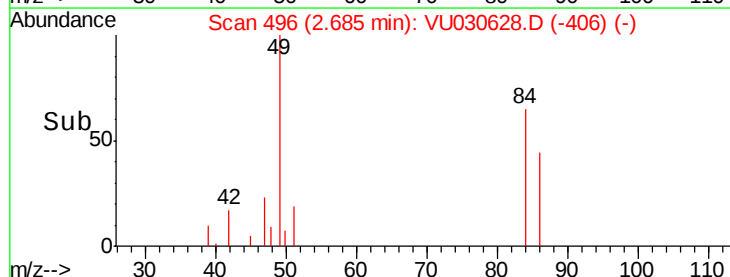
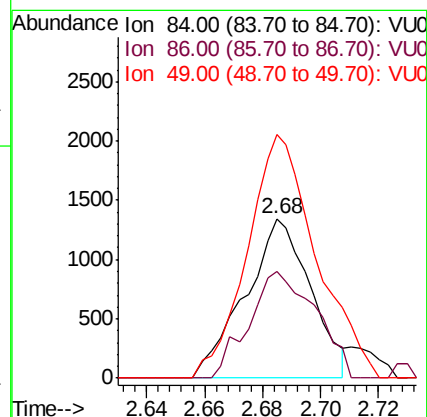
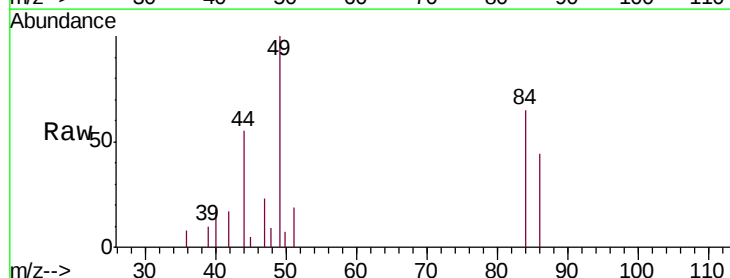
Tgt Ion: 84 Resp: 2106

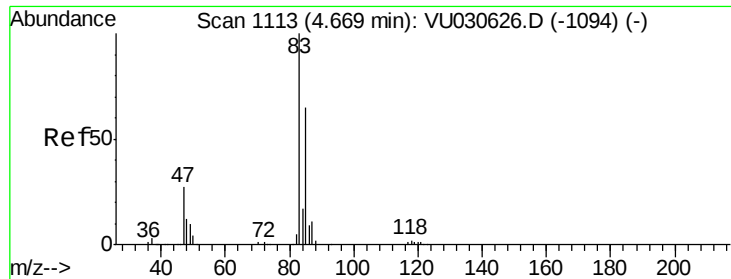
Ion Ratio Lower Upper

84 100

86 67.1 44.3 82.3

49 152.8 94.9 176.3

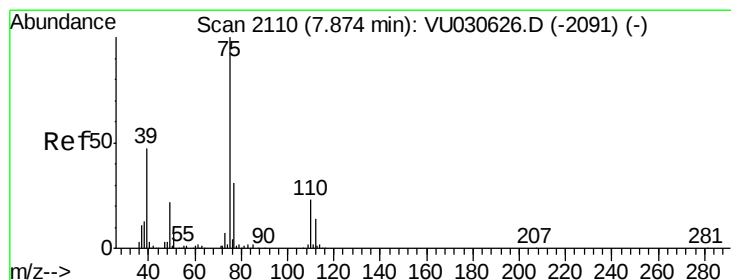
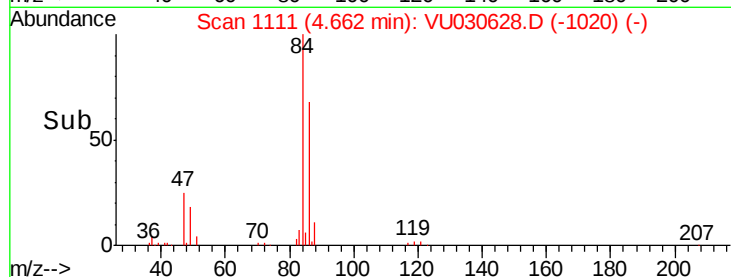
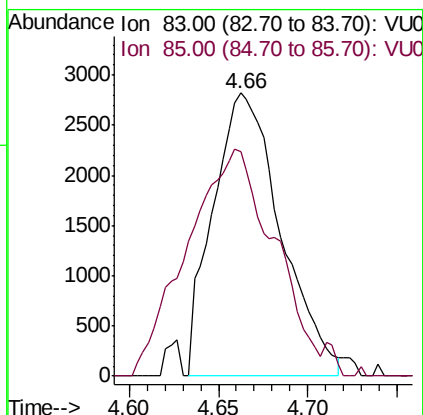
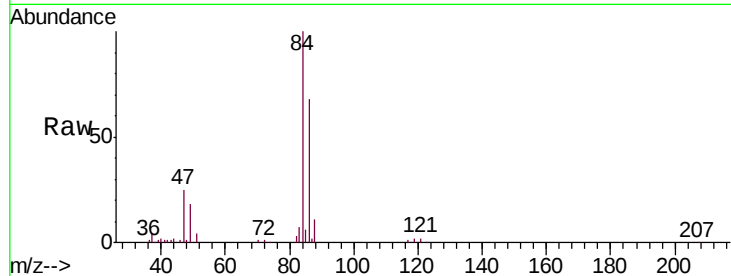




#25
Chloroform
Concen: 1.176 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
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Instrument :
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BF5A9

Tgt Ion: 83 Resp: 7470
Ion Ratio Lower Upper
83 100
85 79.4 44.4 82.4



#44
trans-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030628.D
Acq: 03 Apr 2019 15:38

Tgt Ion: 75 Resp: 3334
Ion Ratio Lower Upper
75 100
77 60.8 22.0 40.8#

