

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030022.D
 Acq On : 13 Mar 2019 11:41
 Operator : JC/SP
 Sample : K1763-04RE 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0959RE

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 9:25:00 AM

Quant Time: Mar 14 13:11:37 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 14 01:36:14 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491292	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235684	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	184	0.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.12%#
7) Chloroethane-d5	1.68	69	127981	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.58%
11) 1,1-Dichloroethene-d2	2.27	63	23365	3.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	7.96%#
21) 2-Butanone-d5	4.17	46	238184	97.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.83%
24) Chloroform-d	4.65	84	303130	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.31	65	170324	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
32) Benzene-d6	5.34	84	597614	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
36) 1,2-Dichloropropane-d6	6.33	67	189383	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.57	98	5151	0.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.90%#
43) trans-1,3-Dichloropropene-	7.85	79	10690	5.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	11.76%#
47) 2-Hexanone-d5	8.31	63	191661	91.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282423	49.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	232370	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	14512	4.237	ug/L 98
13) Acetone	2.32	43	27324	9.598	ug/L 98
16) Methylene chloride	2.70	84	146961	40.418	ug/L 99
22) 2-Butanone	4.27	43	6425m	1.982	ug/L
25) Chloroform	4.67	83	443406	73.375	ug/L 99
34) Trichloroethene	6.19	95	7447	2.086	ug/L 99
38) Bromodichloromethane	6.76	83	35156	7.890	ug/L 96
49) Dibromochloromethane	8.48	129	5704	1.425	ug/L 98

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

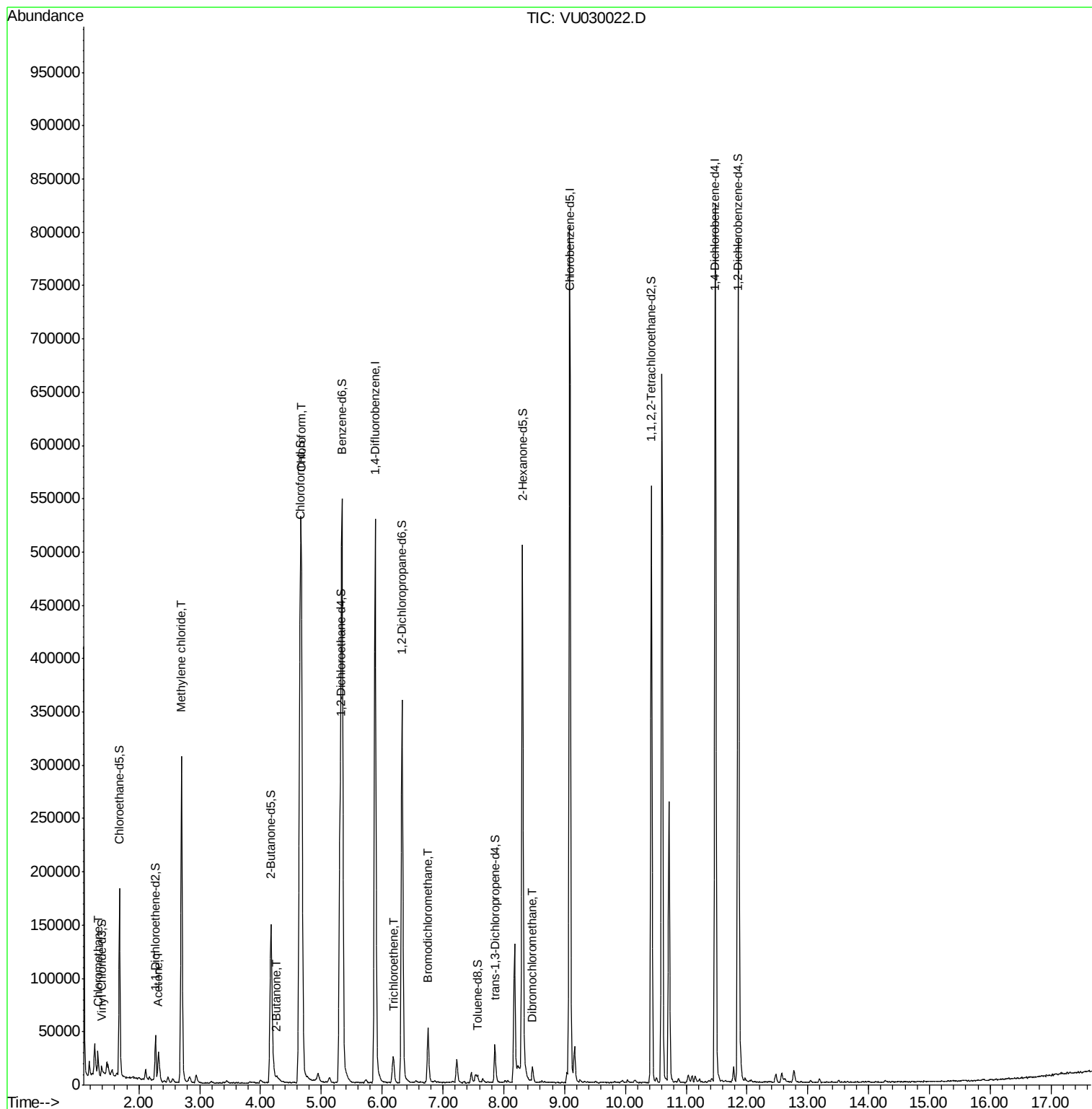
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
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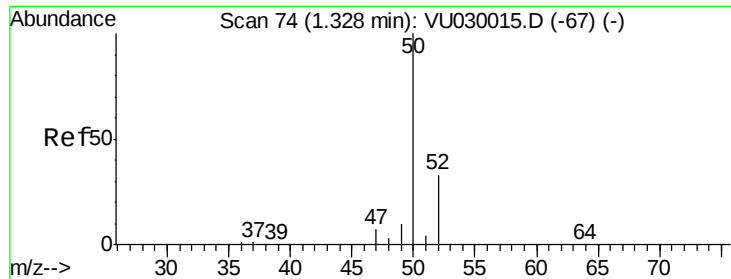
Instrument :
MSVOA_U
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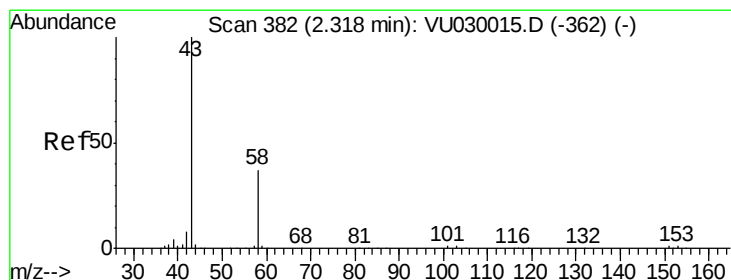
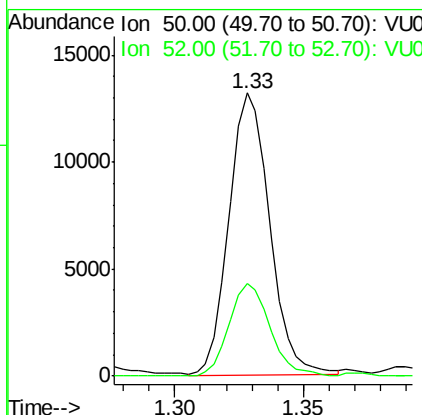
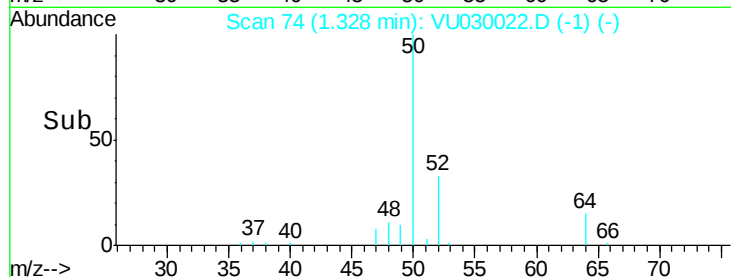
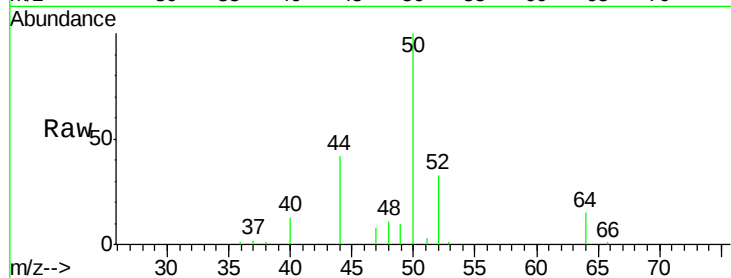
#3
 Chloromethane
 Concen: 4.237 ug/L
 RT: 1.33 min Scan# 74
 Delta R.T. 0.00 min
 Lab File: VU030022.D
 Acq: 13 Mar 2019 11:41

Instrument :
 MSVOA_U
 ClientSampled :
 C0959RE

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.6	23.4	43.6

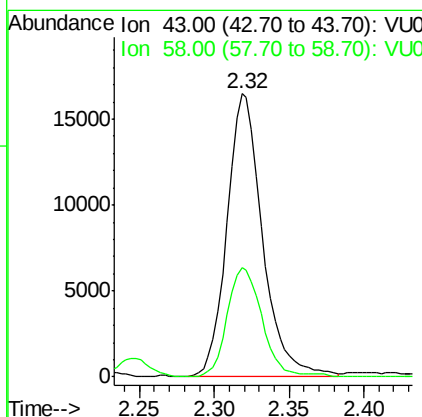
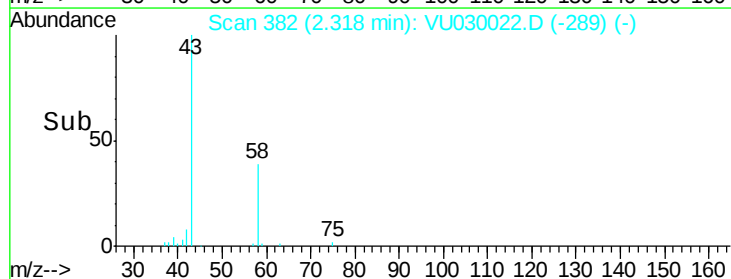
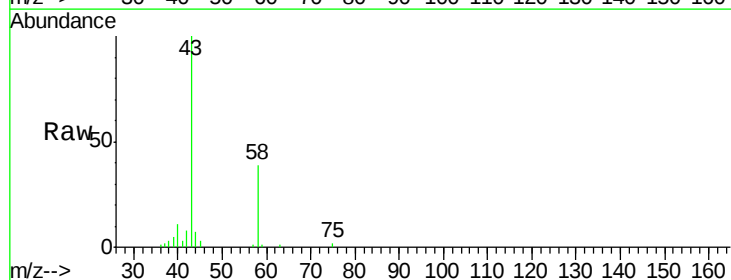
Manual Integrations
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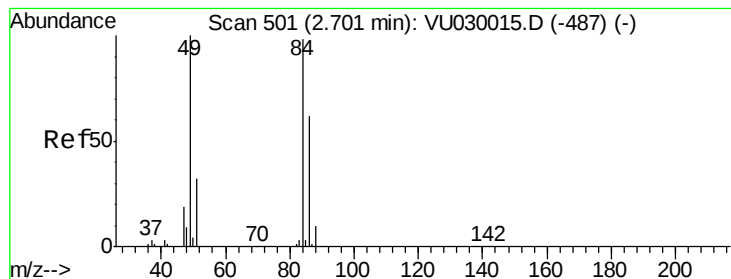
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#13
 Acetone
 Concen: 9.598 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU030022.D
 Acq: 13 Mar 2019 11:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.5	0.0	73.0





#16

Methylene chloride

Concen: 40.418 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU030022.D

Acq: 13 Mar 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

C0959RE

Tgt Ion: 84 Resp: 146961

Ion Ratio Lower Upper

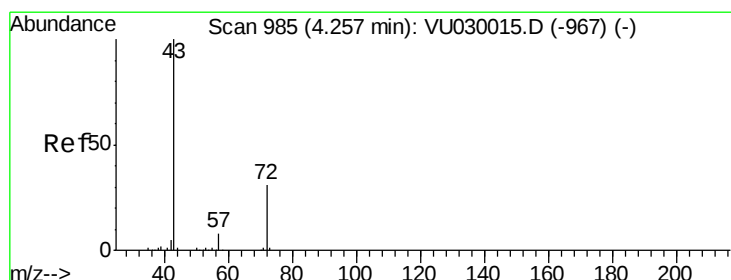
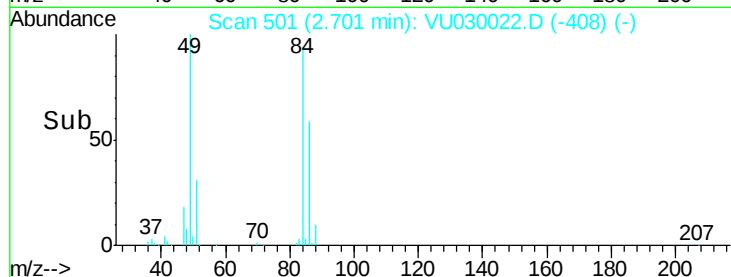
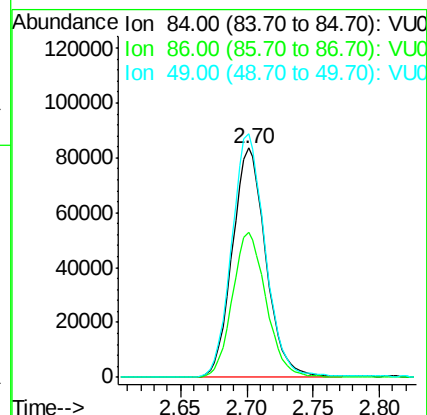
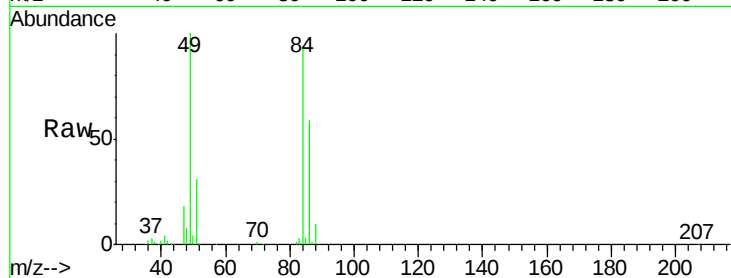
84 100

86 63.1 45.2 84.0

49 106.3 73.6 136.6

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#22

2-Butanone

Concen: 1.982 ug/L m

RT: 4.27 min Scan# 990

Delta R.T. 0.02 min

Lab File: VU030022.D

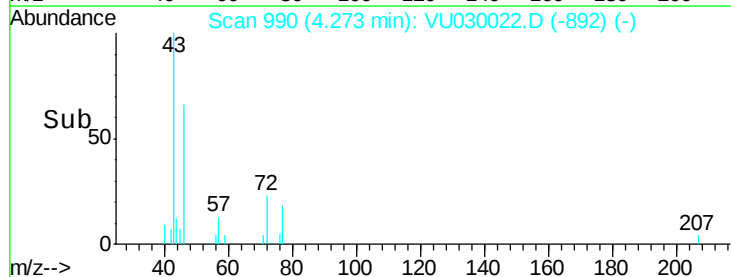
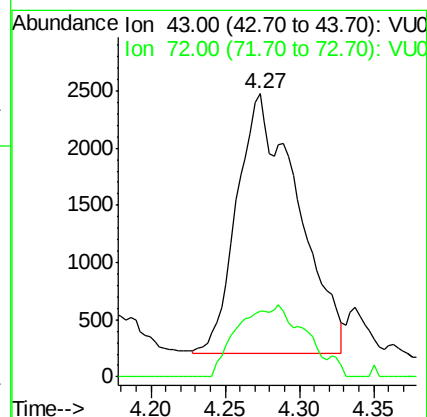
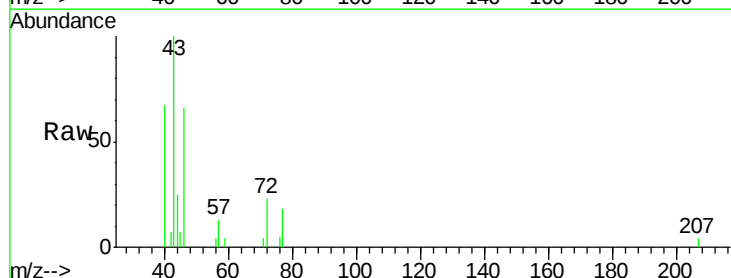
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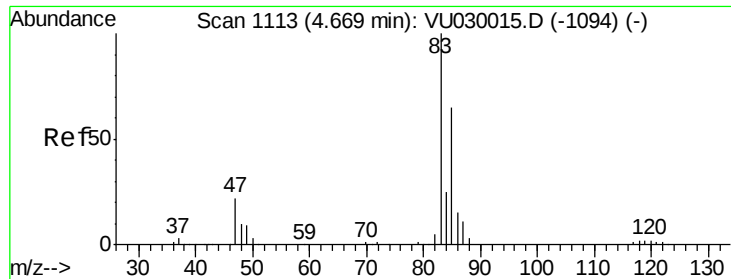
Tgt Ion: 43 Resp: 6425

Ion Ratio Lower Upper

43 100

72 15.4 15.3 45.9





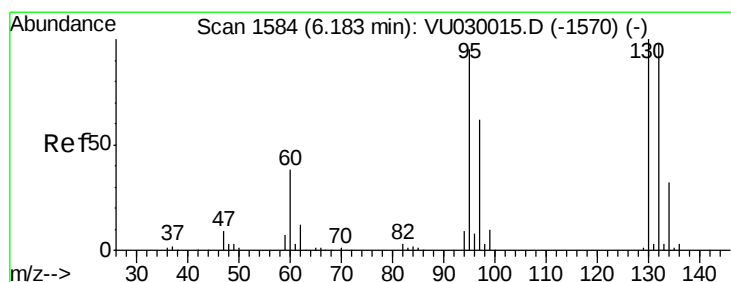
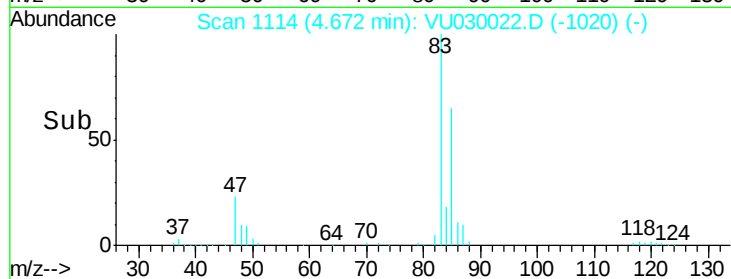
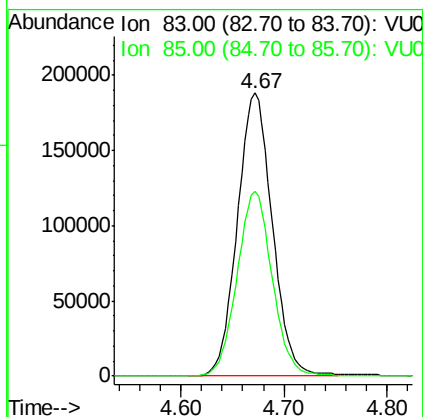
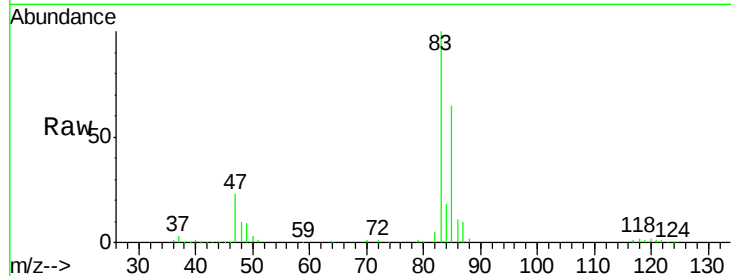
#25
Chloroform
Concen: 73.375 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030022.D
Acq: 13 Mar 2019 11:41

Instrument :
MSVOA_U
ClientSampleId :
C0959RE

Tgt Ion: 83 Resp: 443406
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5

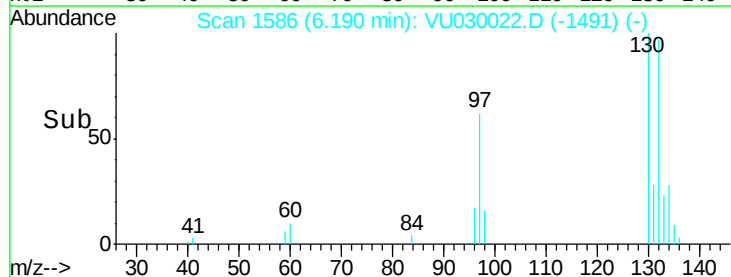
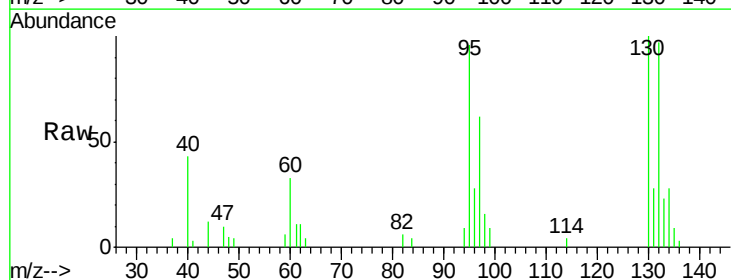
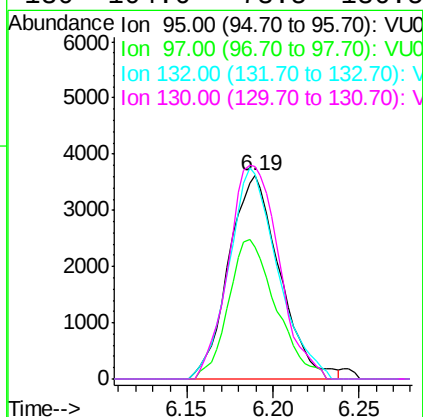
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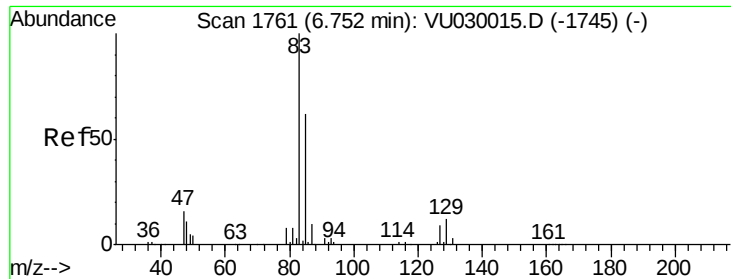
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#34
Trichloroethene
Concen: 2.086 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU030022.D
Acq: 13 Mar 2019 11:41

Tgt Ion: 95 Resp: 7447
Ion Ratio Lower Upper
95 100
97 65.3 45.5 84.5
132 101.2 71.5 132.7
130 104.6 73.5 136.5





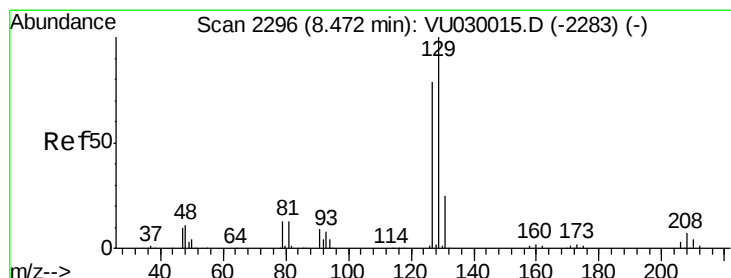
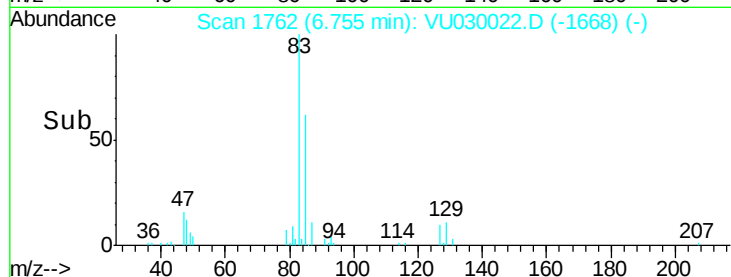
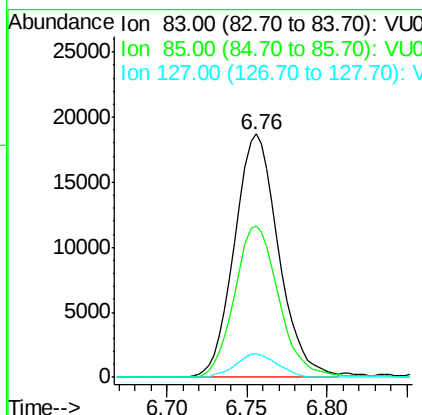
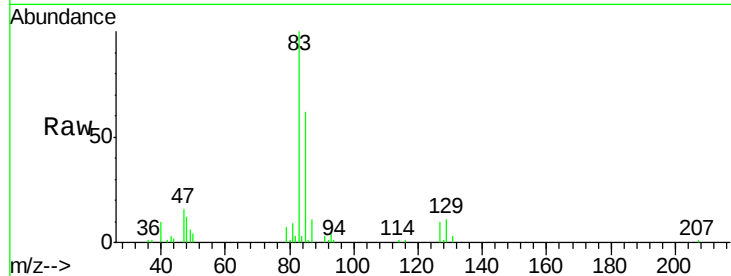
#38
 Bromodichloromethane
 Concen: 7.890 ug/L
 RT: 6.76 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VU030022.D
 Acq: 13 Mar 2019 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0959RE

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.7	84.9
127	9.8	7.7	11.5

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#49
 Dibromochloromethane
 Concen: 1.425 ug/L
 RT: 8.48 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU030022.D
 Acq: 13 Mar 2019 11:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.2	102.4

