

Data File : VU030815.D
Acq On : 06 Apr 2019 20:54
Operator : JC/SP
Sample : K2277-06ME
Misc : 5.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF168ME

Quant Time: Apr 08 05:08:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	547975	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	544585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	128969	26.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.74%#
7) Chloroethane-d5	1.70	69	463	0.12	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.24%#
11) 1,1-Dichloroethene-d2	2.23	63	208695	23.59	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.18%#
21) 2-Butanone-d5	4.19	46	258421	66.66	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.66%
24) Chloroform-d	4.64	84	229571	30.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.44%#
26) 1,2-Dichloroethane-d4	5.30	65	173034	33.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.88%#
32) Benzene-d6	5.33	84	491898	30.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.88%#
36) 1,2-Dichloropropane-d6	6.32	67	175939	32.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	64.58%#
41) Toluene-d8	7.56	98	427348	30.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.66%#
43) trans-1,3-Dichloropropene-	7.85	79	74995	30.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.38%
47) 2-Hexanone-d5	8.32	63	187484	75.29	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	260934	35.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	172596	34.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.56%#

Target Compounds

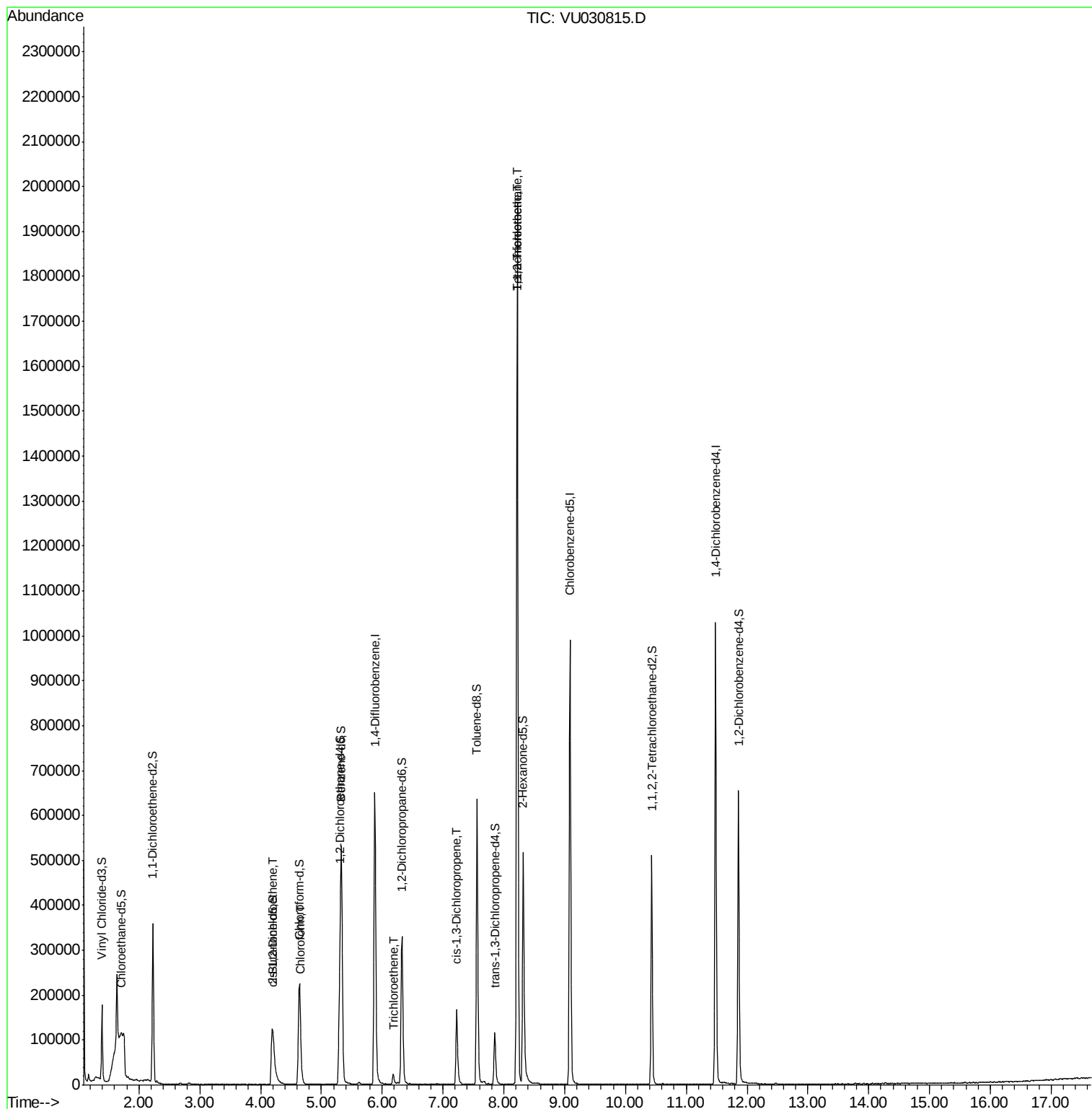
					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	9644	2.172	ug/L 97
25) Chloroform	4.67	83	18374	2.203	ug/L 94
34) Trichloroethene	6.18	95	7721	1.766	ug/L 95
39) cis-1,3-Dichloropropene	7.22	75	4182	0.582	ug/L # 79
45) 1,1,2-Trichloroethane	8.22	97	4045	0.945	ug/L # 12
46) Tetrachloroethene	8.22	164	432298	136.036	ug/L 98

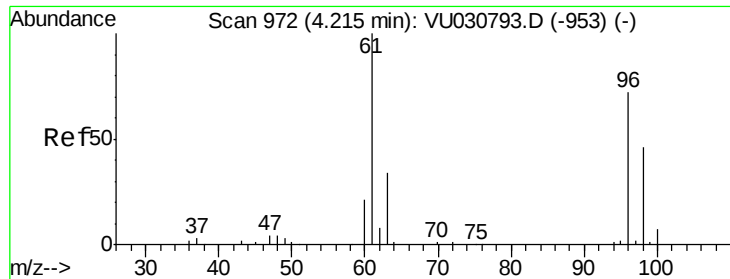
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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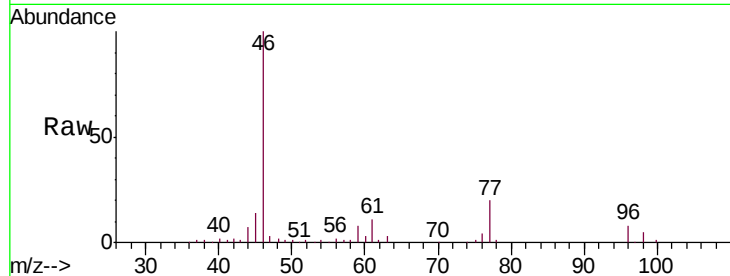




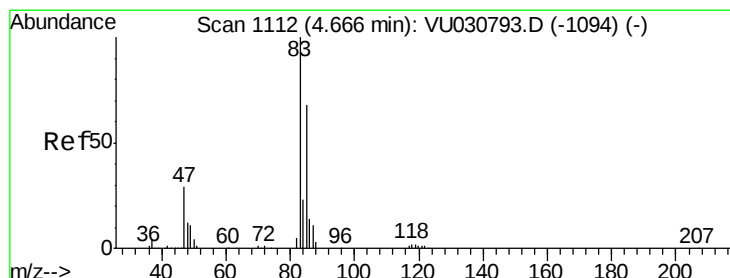
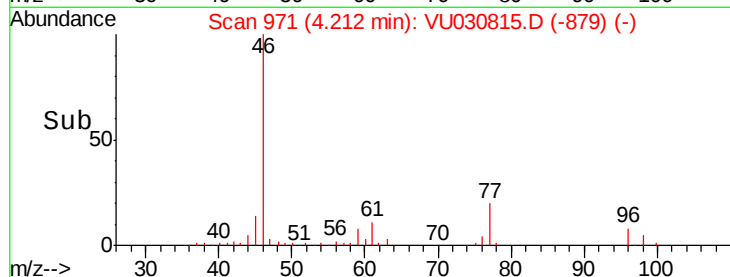
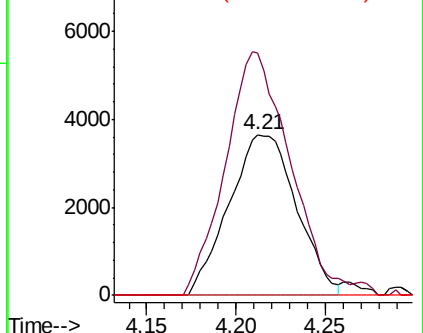
#20
 cis-1,2-Dichloroethene
 Concen: 2.172 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VU030815.D
 Acq: 06 Apr 2019 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BF168ME

Tgt Ion: 96 Resp: 9644
 Ion Ratio Lower Upper
 96 100
 61 150.8 102.9 191.1
 68 0.0 0.0 0.0

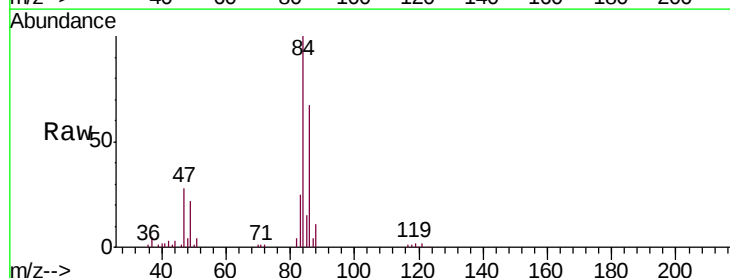


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

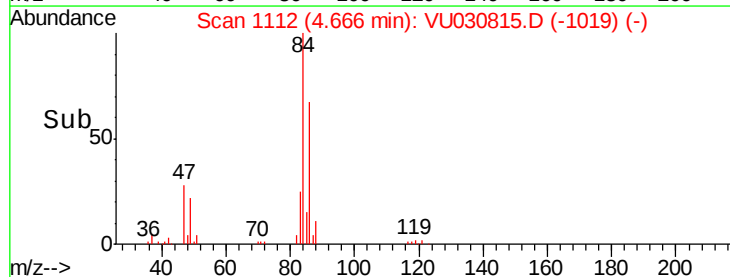
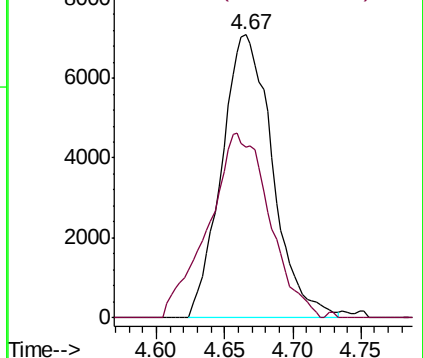


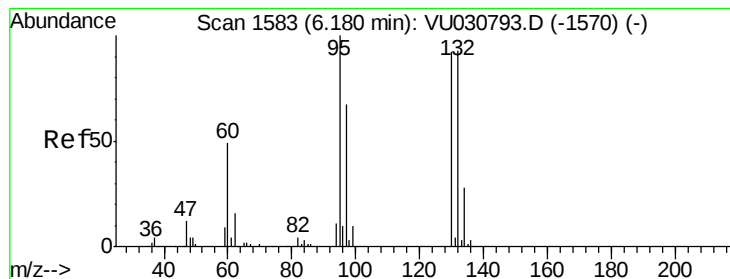
#25
 Chloroform
 Concen: 2.203 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VU030815.D
 Acq: 06 Apr 2019 20:54

Tgt Ion: 83 Resp: 18374
 Ion Ratio Lower Upper
 83 100
 85 60.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1.766 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BF168ME

Tgt Ion: 95 Resp: 7721

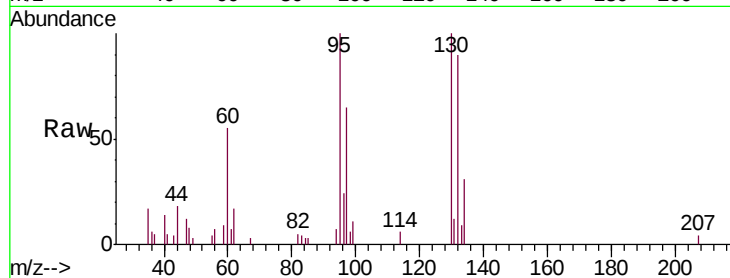
Ion Ratio Lower Upper

95 100

97 65.0 44.5 82.7

132 90.6 61.5 114.1

130 100.5 64.9 120.5

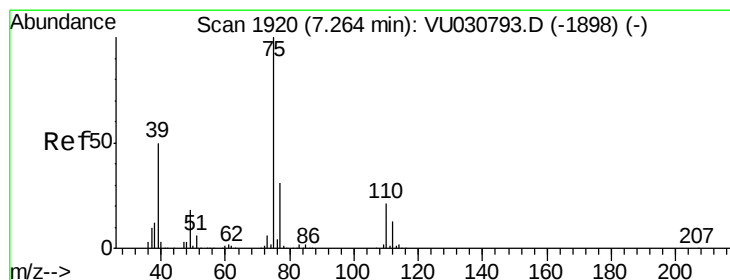
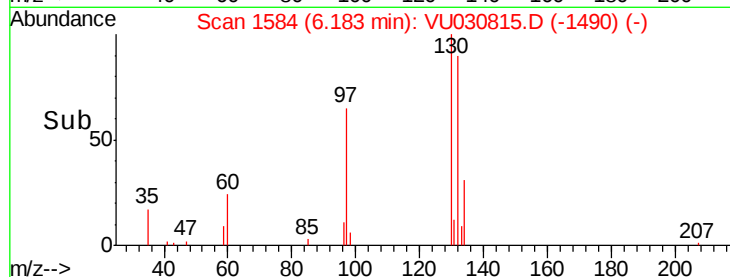
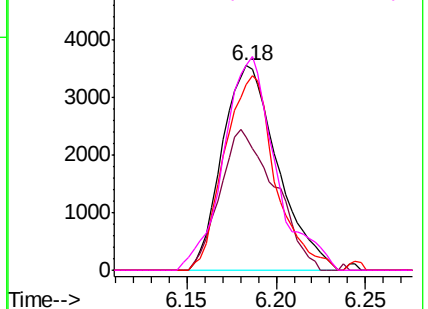


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.582 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030815.D

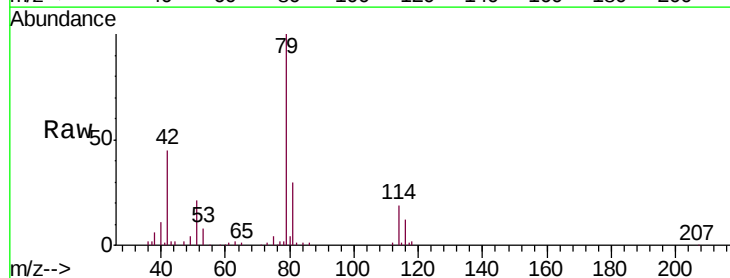
Acq: 06 Apr 2019 20:54

Tgt Ion: 75 Resp: 4182

Ion Ratio Lower Upper

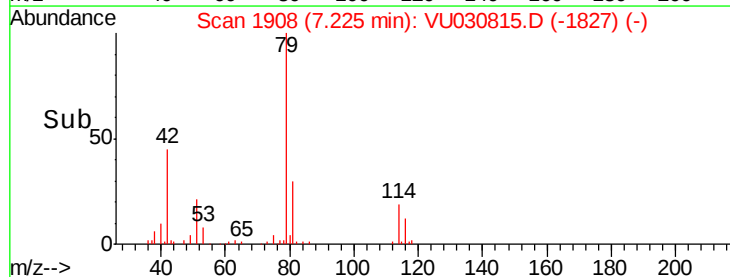
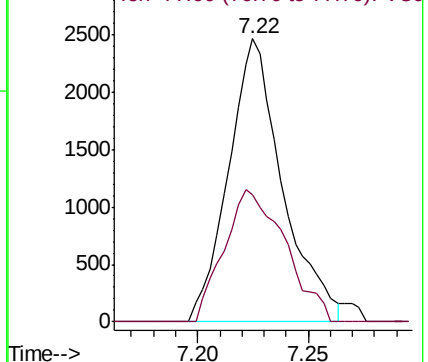
75 100

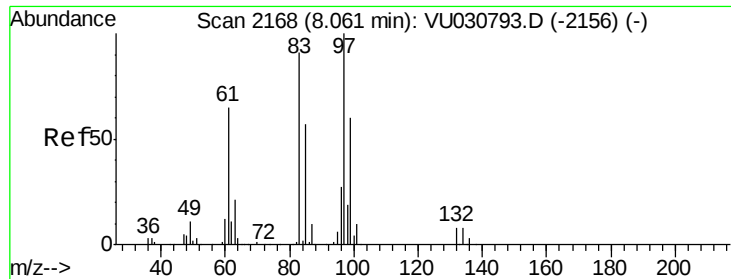
77 45.0 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

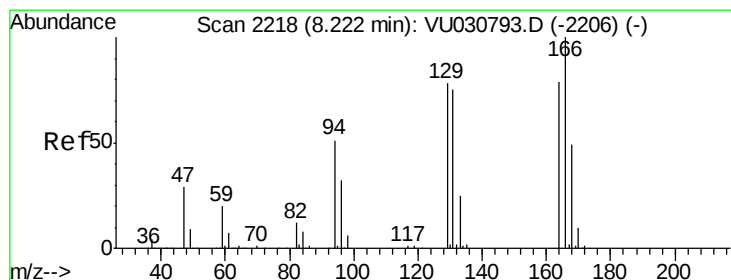
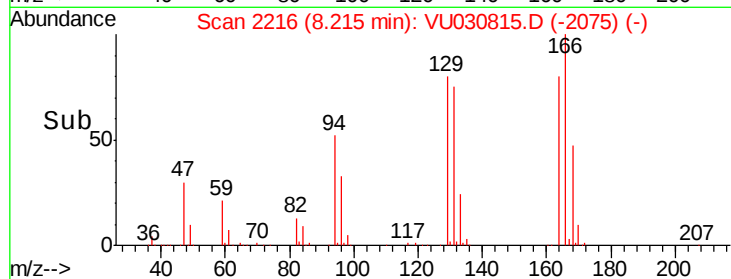
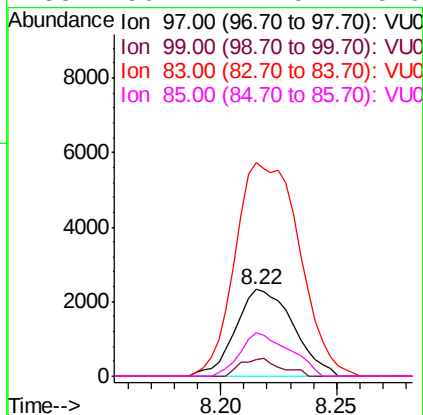
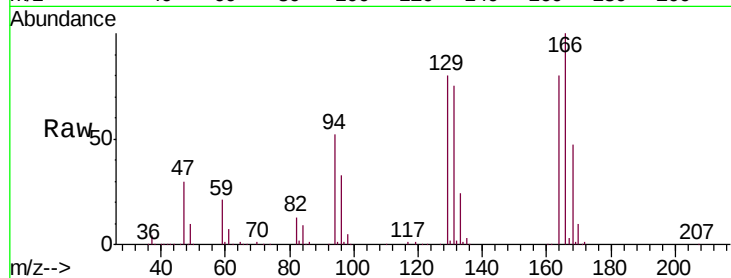




#45
 1,1,2-Trichloroethane
 Concen: 0.945 ug/L
 RT: 8.22 min Scan# 2216
 Delta R.T. 0.15 min
 Lab File: VU030815.D
 Acq: 06 Apr 2019 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BF168ME

Tgt Ion:	97	Resp:	4045
Ion	Ratio	Lower	Upper
97	100		
99	19.8	44.0	81.8#
83	246.8	65.3	121.3#
85	50.7	42.5	78.9



#46
 Tetrachloroethene
 Concen: 136.036 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU030815.D
 Acq: 06 Apr 2019 20:54

Tgt Ion:	164	Resp:	432298
Ion	Ratio	Lower	Upper
164	100		
129	98.4	67.4	125.2
131	95.6	65.9	122.5
166	129.0	88.6	164.6

