

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030696.D
 Acq On : 04 Apr 2019 20:33
 Operator : JC/SP
 Sample : K2166-16ME
 Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0M6ME

Quant Time: Apr 05 02:21:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	420712	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	412170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162321	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.70	69	679	0.24	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.48%#
11) 1,1-Dichloroethene-d2	2.24	63	242647	35.72	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.44%
21) 2-Butanone-d5	4.18	46	308358	103.60	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.60%
24) Chloroform-d	4.64	84	254593	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.30	65	187892	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.33	84	562631	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.32	67	197825	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.56	98	476692	44.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	86394	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.32	63	214059	113.58	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295404	53.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	185916	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

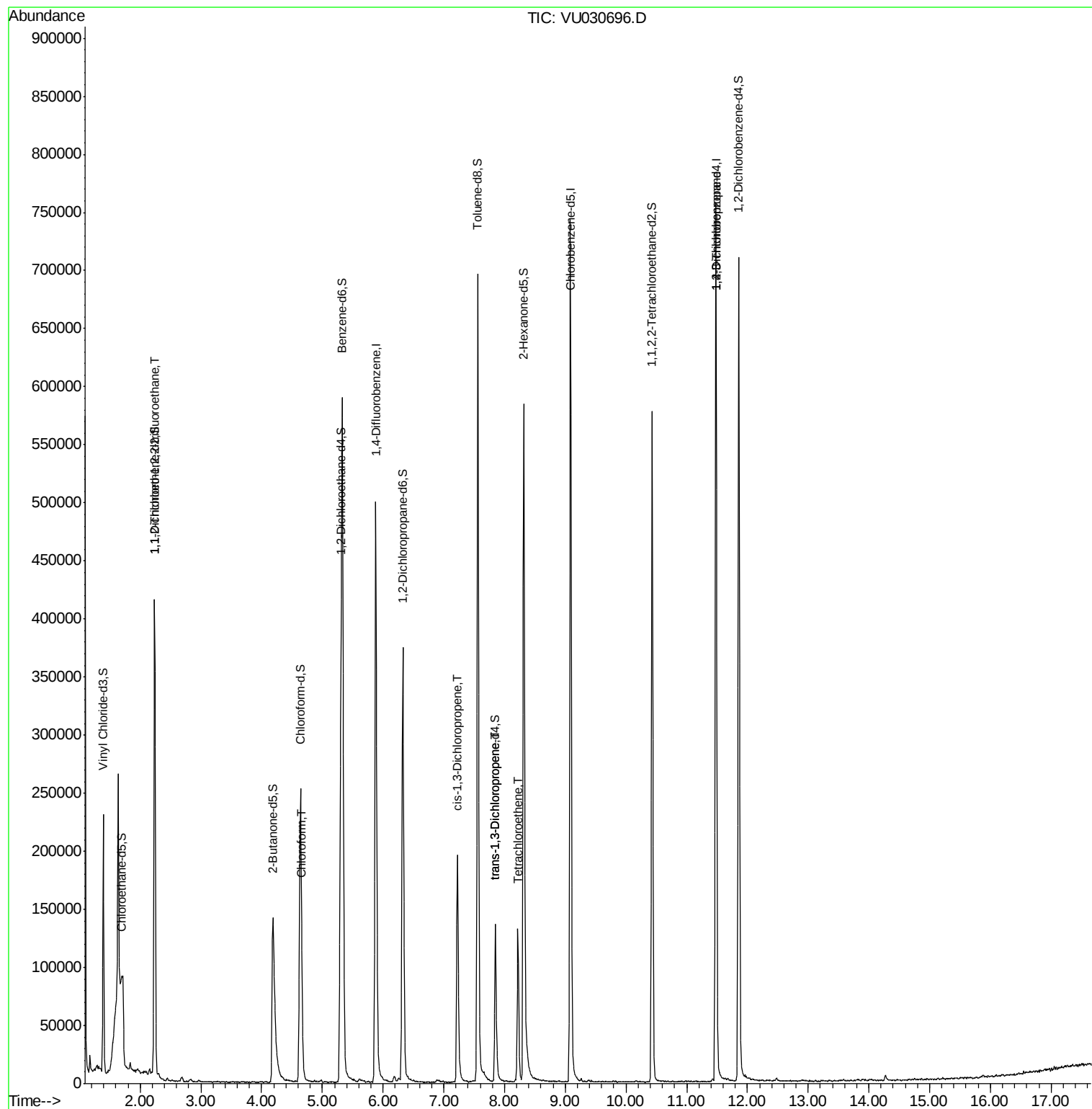
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	1883	0.625 ug/L #	22
25) Chloroform	4.67	83	19754	3.084 ug/L	97
39) cis-1,3-Dichloropropene	7.23	75	5421	0.997 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	2754	0.575 ug/L #	54
46) Tetrachloroethene	8.22	164	30019	12.481 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	25153	5.499 ug/L	99

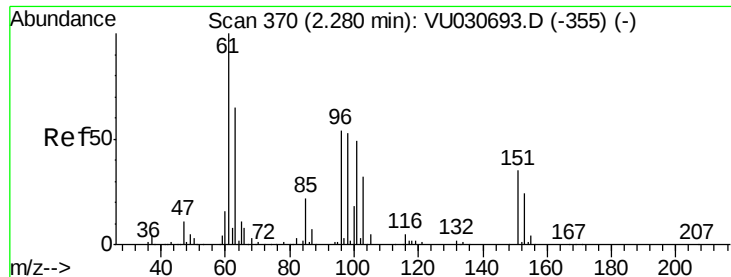
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.625 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.04 min

Lab File: VU030696.D

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Instrument :

MSVOA_U

ClientSampleId :

BF0M6ME

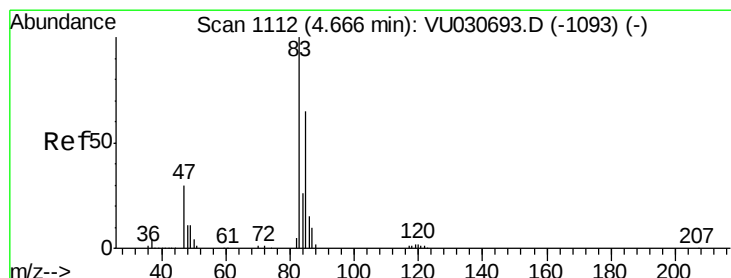
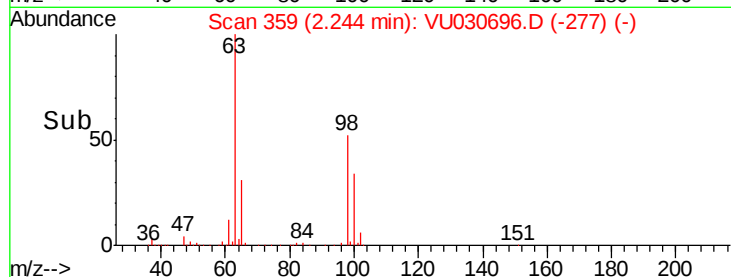
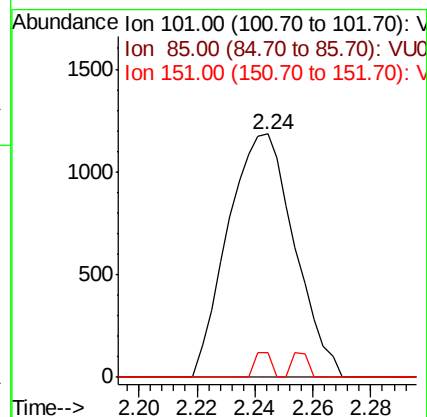
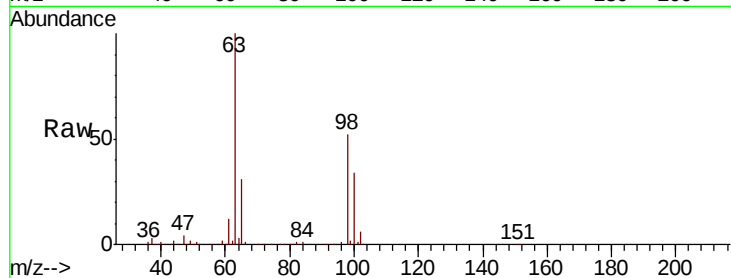
Tot Ion:101 Resp: 1883

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 2.5 57.4 86.0#



#25

Chloroform

Concen: 3.084 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030696.D

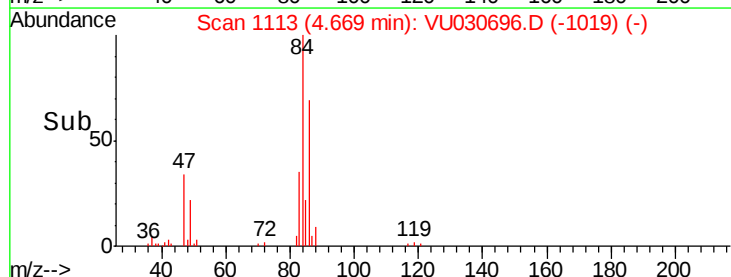
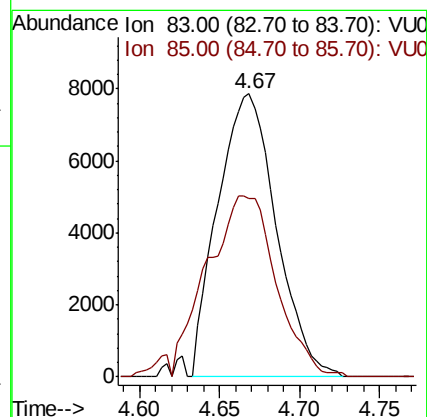
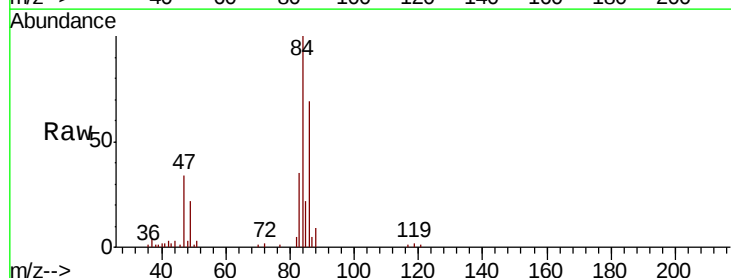
Acq: 04 Apr 2019 20:33

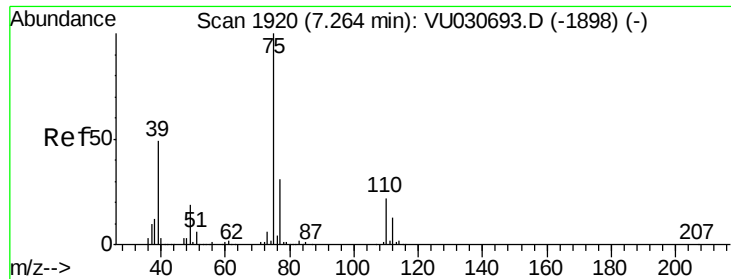
Tgt Ion: 83 Resp: 19754

Ion Ratio Lower Upper

83 100

85 63.2 45.8 85.0





#39

cis-1,3-Dichloropropene

Concen: 0.997 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030696.D

Acq: 04 Apr 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

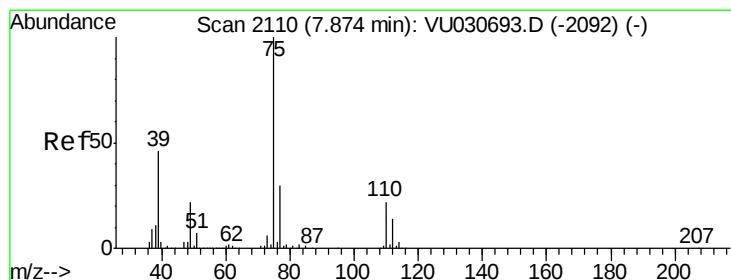
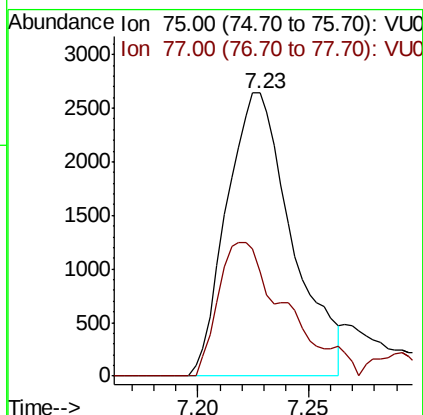
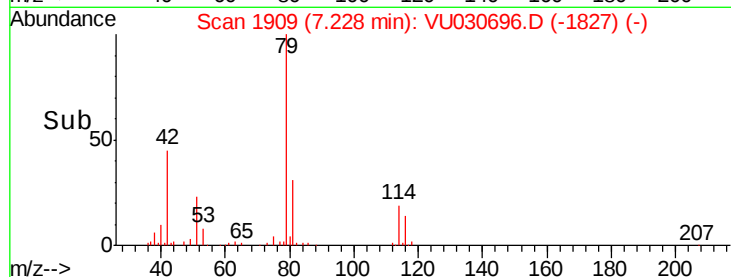
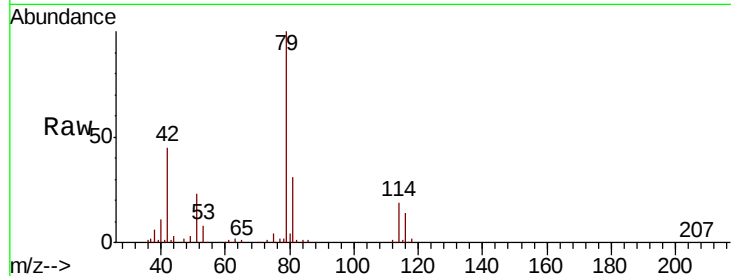
BF0M6ME

Tot Ion: 75 Resp: 5421

Ion Ratio Lower Upper

75 100

77 36.7 23.1 42.9



#44

trans-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030696.D

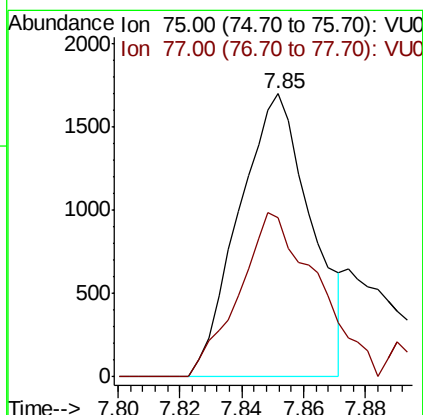
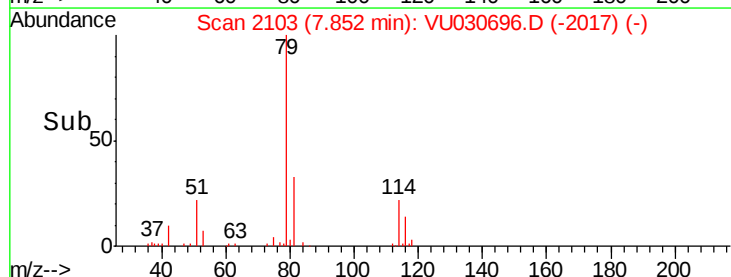
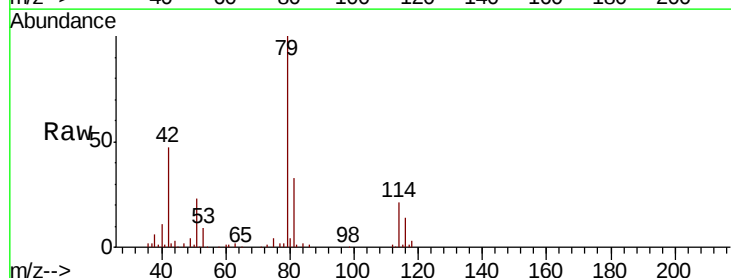
Acq: 04 Apr 2019 20:33

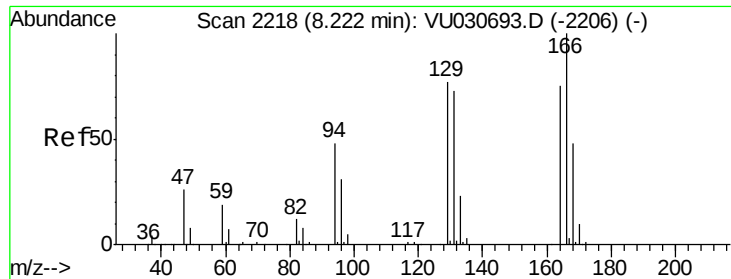
Tgt Ion: 75 Resp: 2754

Ion Ratio Lower Upper

75 100

77 56.2 21.6 40.0#

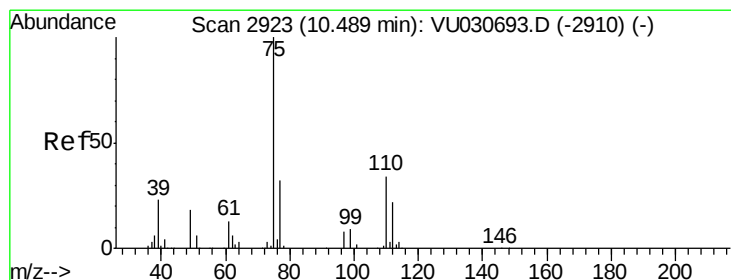
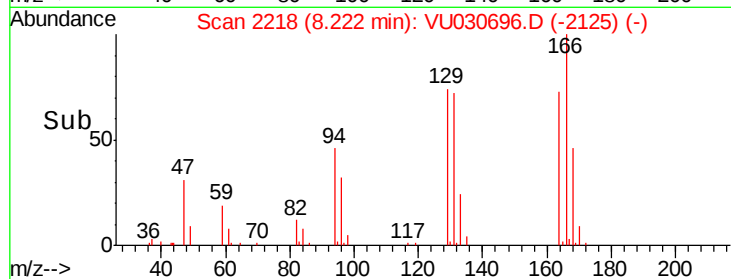
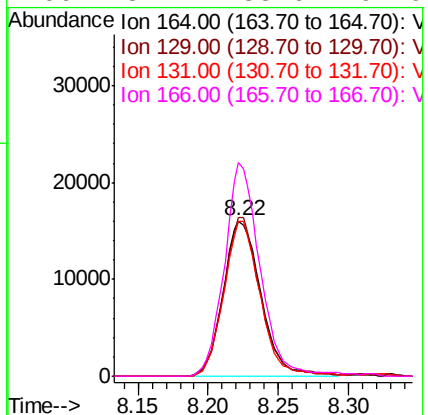
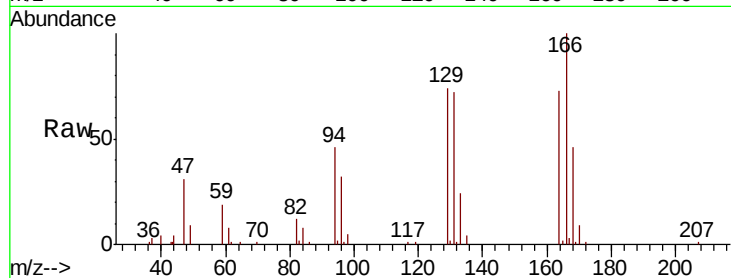




#46
Tetrachloroethene
Concen: 12.481 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030696.D
Acq: 04 Apr 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
BF0M6ME

Tot Ion:	164	Resp:	30019
Ion	Ratio	Lower	Upper
164	100		
129	102.3	67.4	125.2
131	99.9	65.9	122.5
166	137.7	88.6	164.6



#59
1,2,3-Trichloropropane
Concen: 5.499 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030696.D
Acq: 04 Apr 2019 20:33

Tgt Ion:	75	Resp:	25153
Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.1	39.1

