

Data File : VU030782.D
Acq On : 06 Apr 2019 07:32
Operator : JC/SP
Sample : K2277-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2Q0

Quant Time: Apr 08 01:07:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479720	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	475838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179450	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	150109	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.36%
11) 1,1-Dichloroethene-d2	2.27	63	254504	32.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.72%
21) 2-Butanone-d5	4.17	46	377565	111.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.24%
24) Chloroform-d	4.64	84	306976	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.31	65	220282	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
32) Benzene-d6	5.33	84	639927	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.32	67	231402	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.56	98	537917	43.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.38%
43) trans-1,3-Dichloropropene-	7.85	79	94211	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.31	63	229543	105.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318066	49.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	195072	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%

Target Compounds

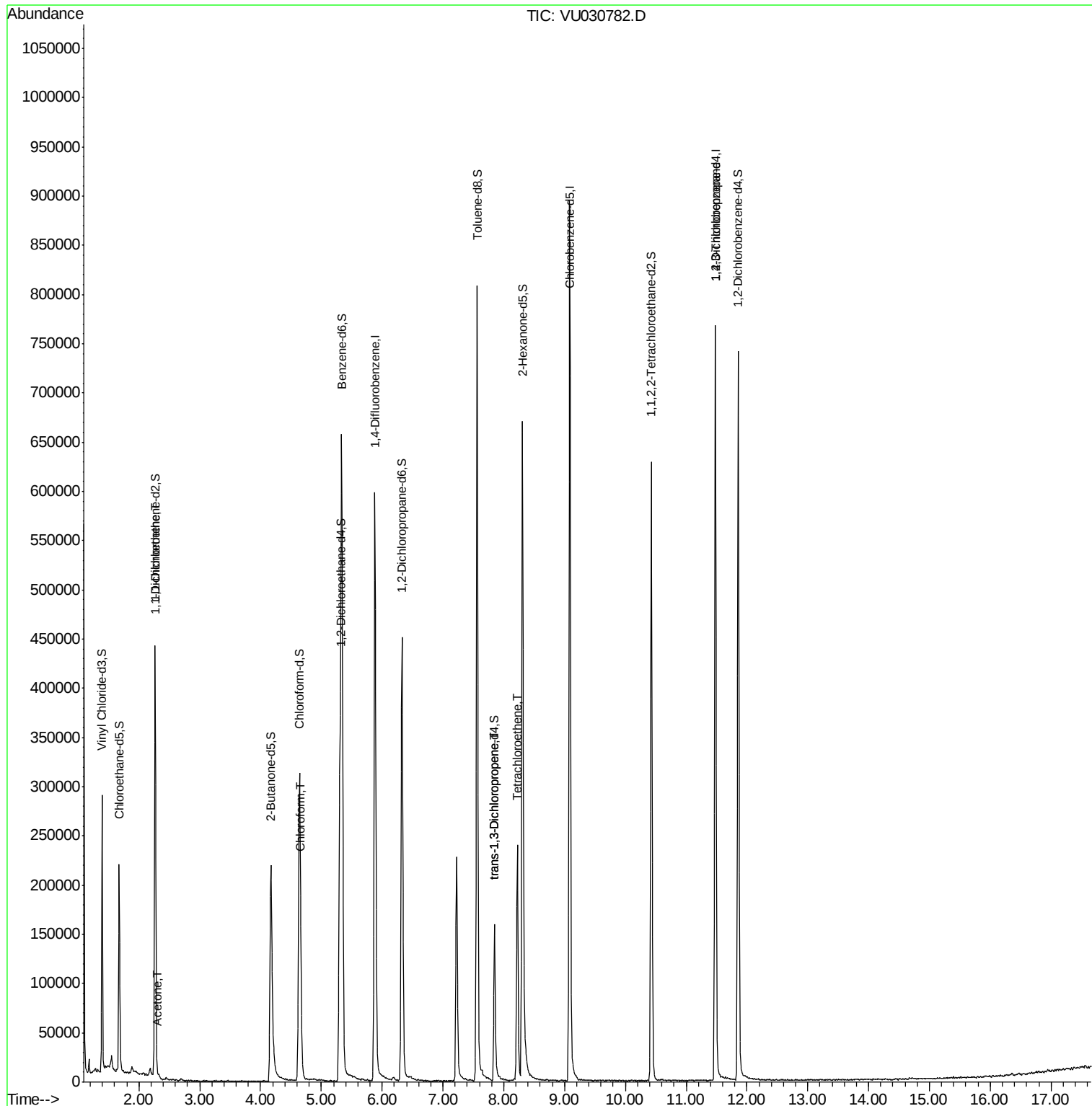
					Qvalue
12) 1,1-Dichloroethene	2.28	96	7240	2.183 ug/L #	1
13) Acetone	2.31	43	1736	0.500 ug/L	80
25) Chloroform	4.67	83	27400	3.752 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	3704	0.670 ug/L	89
46) Tetrachloroethene	8.22	164	53022	19.096 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	25511	4.831 ug/L #	88

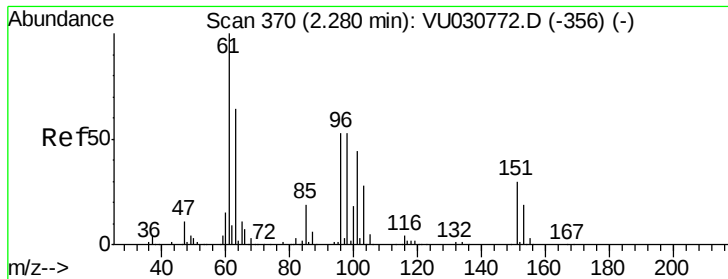
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.183 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

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Acq: 06 Apr 2019 07:32

Instrument :

MSVOA_U

ClientSampleId :

BF2Q0

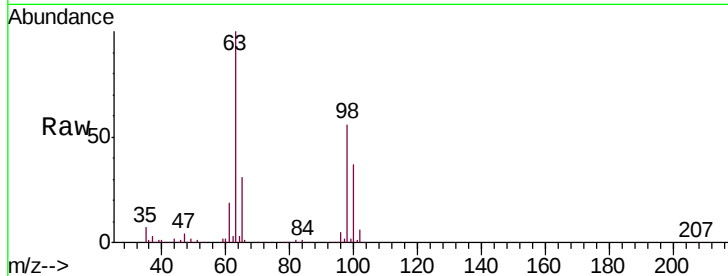
Tgt Ion: 96 Resp: 7240

Ion Ratio Lower Upper

96 100

61 364.9 132.0 245.2#

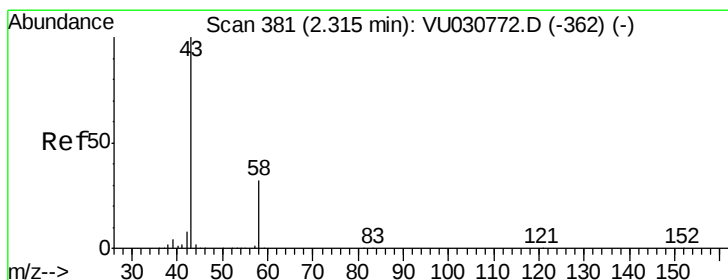
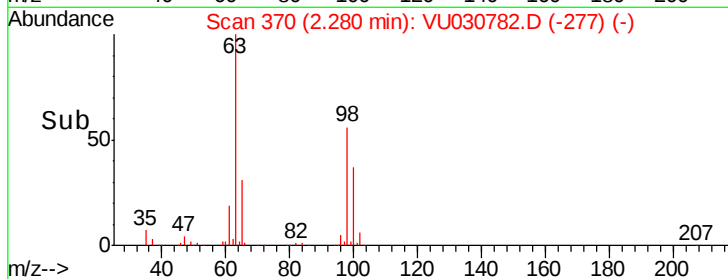
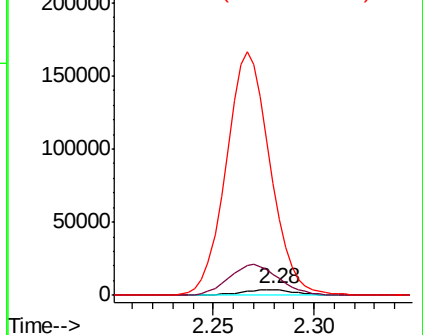
63 1900.9 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 0.500 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

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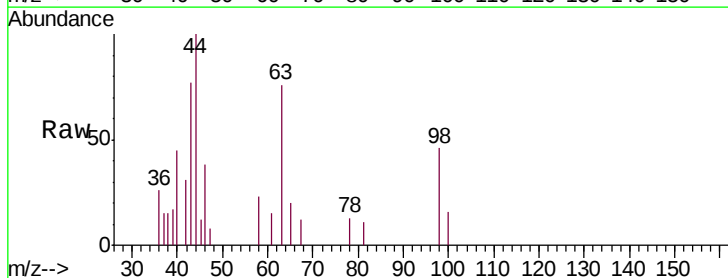
Acq: 06 Apr 2019 07:32

Tgt Ion: 43 Resp: 1736

Ion Ratio Lower Upper

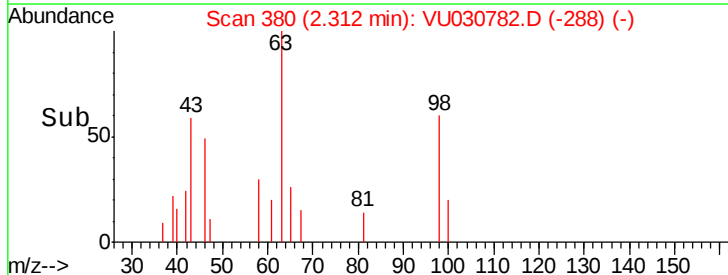
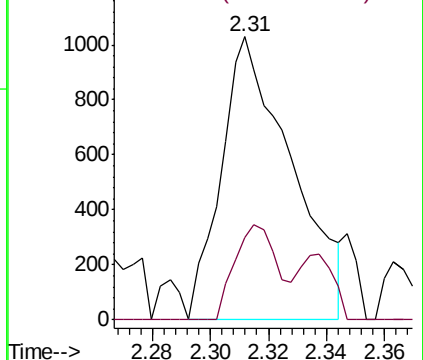
43 100

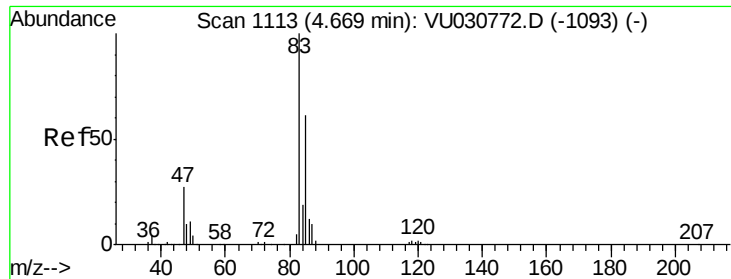
58 20.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

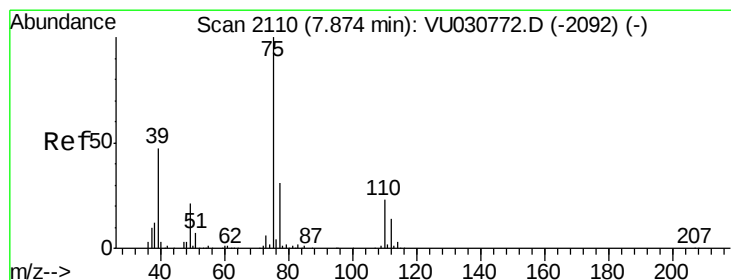
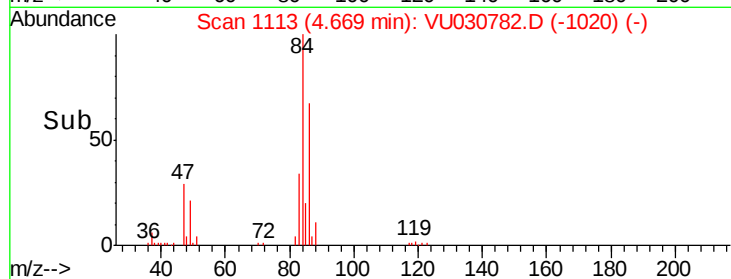
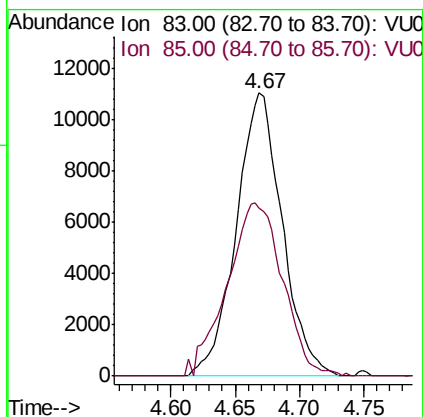
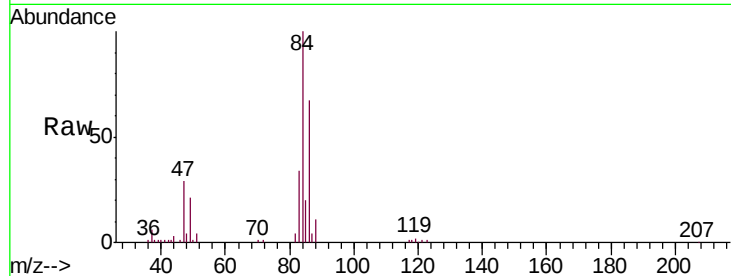




#25
Chloroform
Concen: 3.752 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
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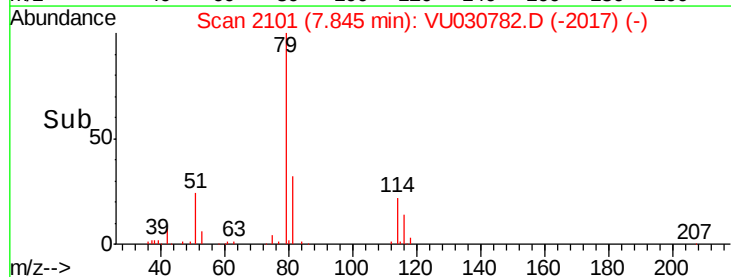
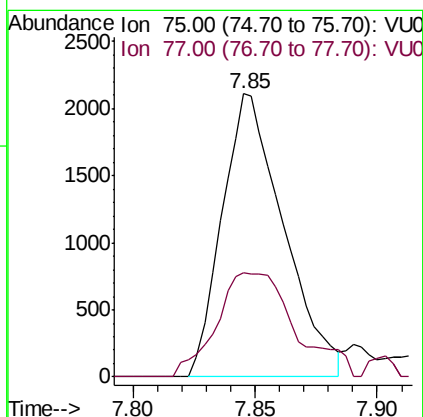
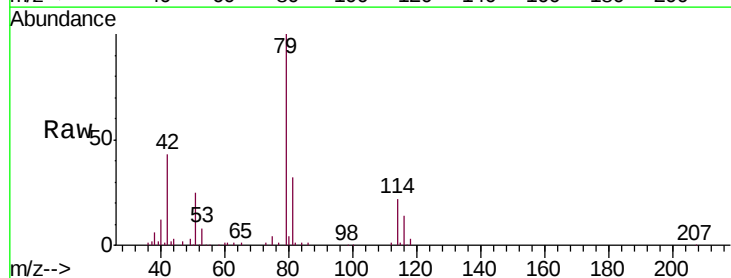
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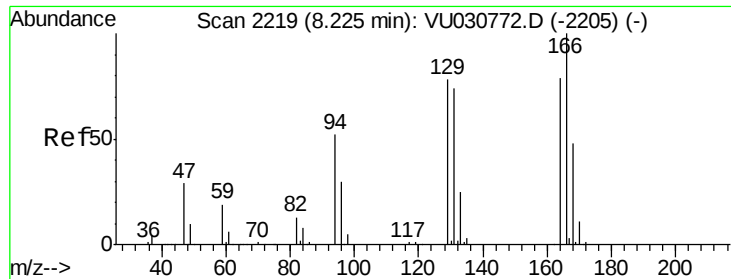
Tgt Ion: 83 Resp: 27400
Ion Ratio Lower Upper
83 100
85 59.6 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.670 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030782.D
Acq: 06 Apr 2019 07:32

Tgt Ion: 75 Resp: 3704
Ion Ratio Lower Upper
75 100
77 36.7 21.6 40.0

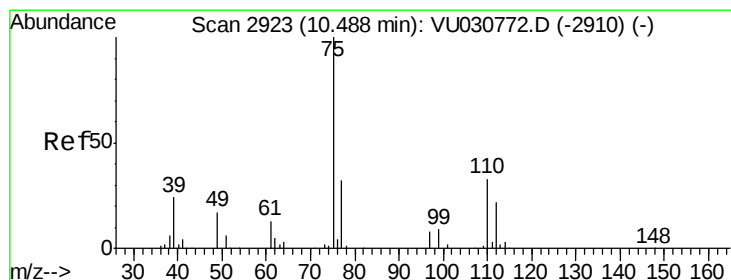
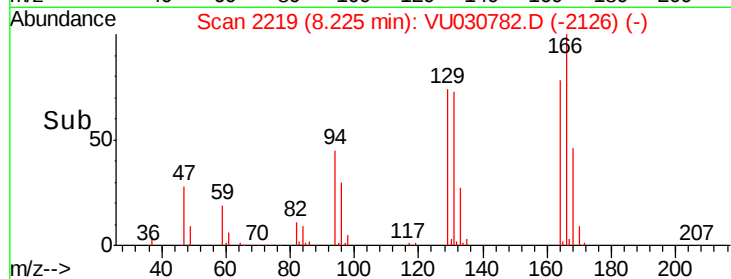
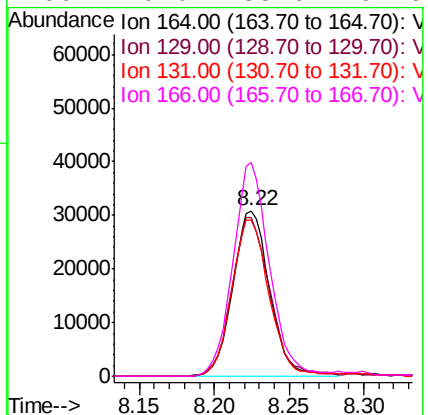
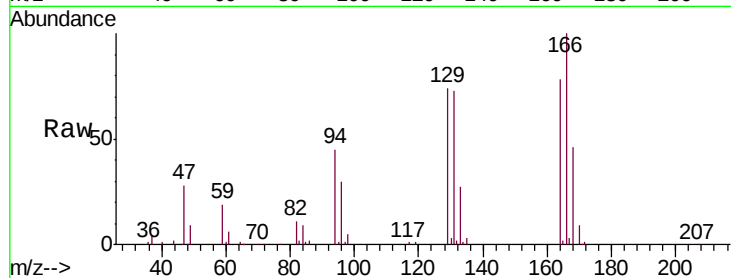




#46
Tetrachloroethene
Concen: 19.096 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030782.D
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Instrument :
MSVOA_U
ClientSampleId :
BF2Q0

Tgt Ion:164 Resp: 53022
Ion Ratio Lower Upper
164 100
129 95.8 67.4 125.2
131 94.3 65.9 122.5
166 129.0 88.6 164.6



#59
1,2,3-Trichloropropane
Concen: 4.831 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030782.D
Acq: 06 Apr 2019 07:32

Tgt Ion: 75 Resp: 25511
Ion Ratio Lower Upper
75 100
77 39.5 26.1 39.1#

