

Data File : VU030272.D
Acq On : 21 Mar 2019 17:49
Operator : JC/SP
Sample : K2048-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1G9

Quant Time: Mar 22 05:18:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	542090	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	241866	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	168031	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.68%
7) Chloroethane-d5	1.68	69	139516	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	228802	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	4.17	46	237939	87.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.50%
24) Chloroform-d	4.65	84	291486	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
26) 1,2-Dichloroethane-d4	5.31	65	183658	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
32) Benzene-d6	5.34	84	657994	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
36) 1,2-Dichloropropane-d6	6.33	67	206105	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.24%
41) Toluene-d8	7.56	98	586433	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%
43) trans-1,3-Dichloropropene-	7.85	79	94017	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.10%
47) 2-Hexanone-d5	8.31	63	198431	90.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296198	45.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	236252	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

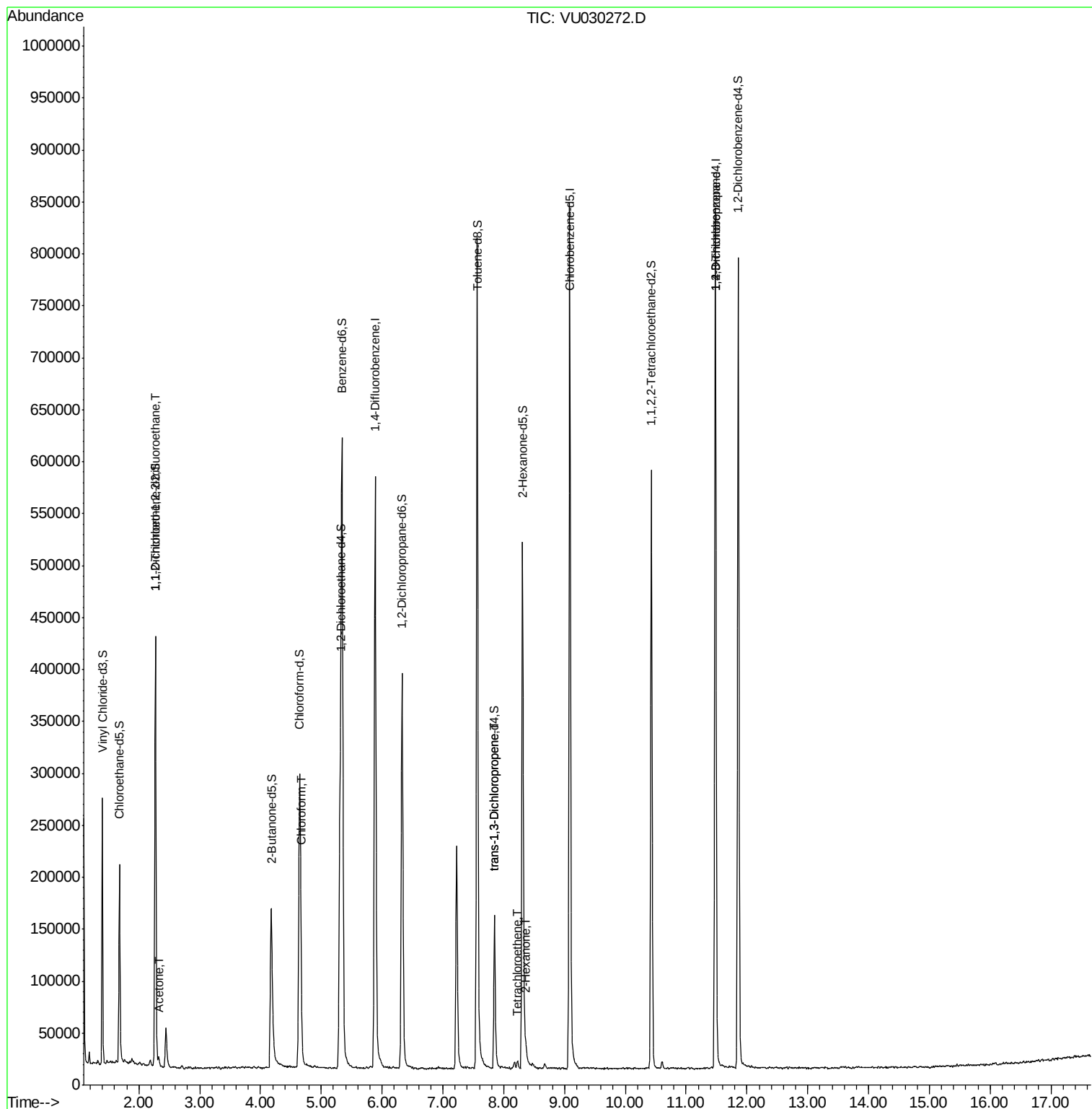
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2125	0.584 ug/L #	18
13) Acetone	2.32	43	7019	2.470 ug/L	98
25) Chloroform	4.67	83	15296	2.240 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3568	0.669 ug/L	98
46) Tetrachloroethene	8.22	164	1921	0.575 ug/L	97
48) 2-Hexanone	8.37	43	4826	1.101 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	25723	4.954 ug/L	96

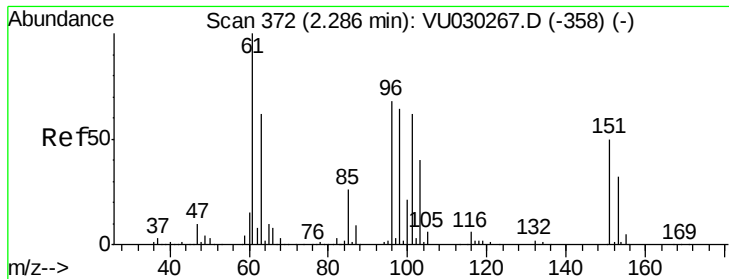
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration





#10

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

Concen: 0.584 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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ClientSampleId :

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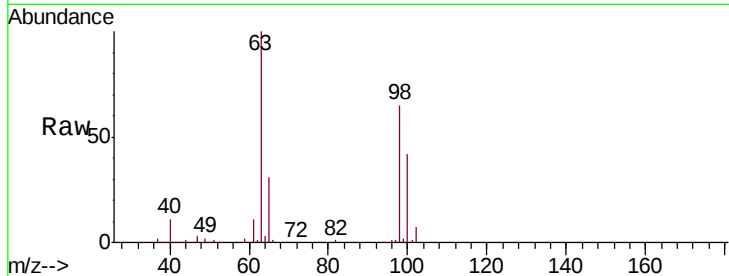
Tgt Ion:101 Resp: 2125

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

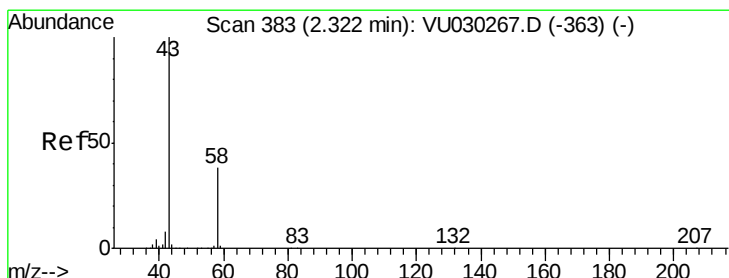
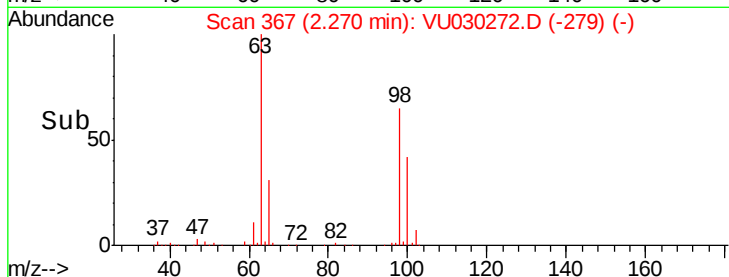
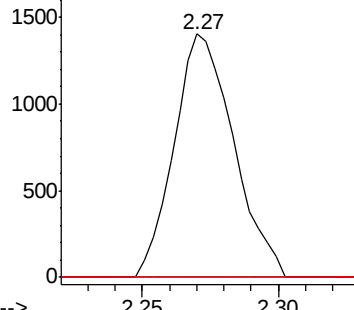
151 0.0 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.470 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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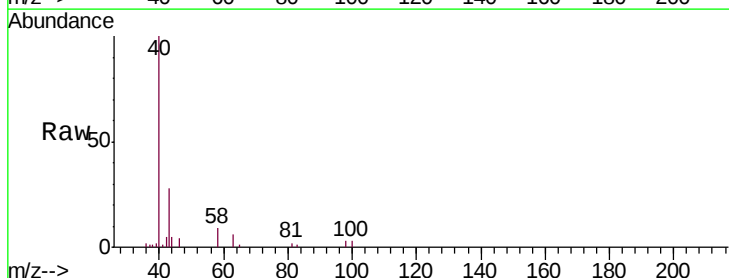
Acq: 21 Mar 2019 17:49

Tgt Ion: 43 Resp: 7019

Ion Ratio Lower Upper

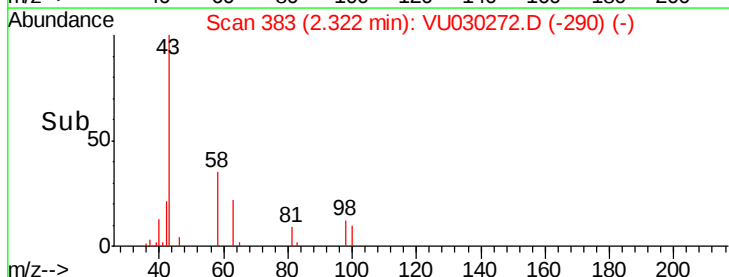
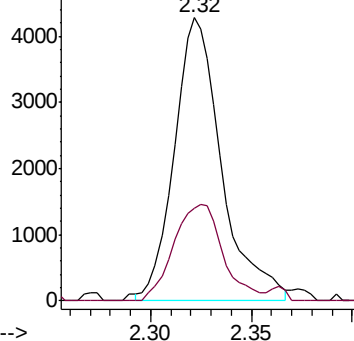
43 100

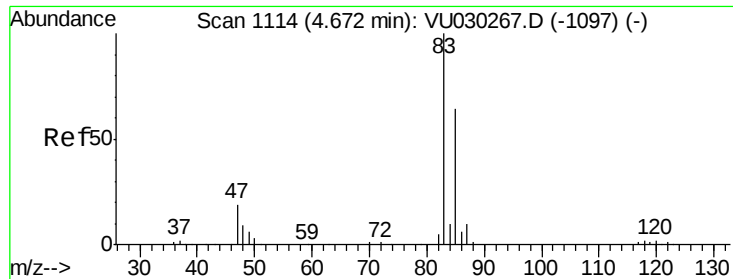
58 35.5 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

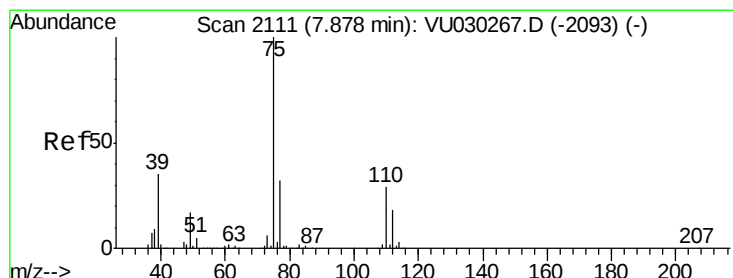
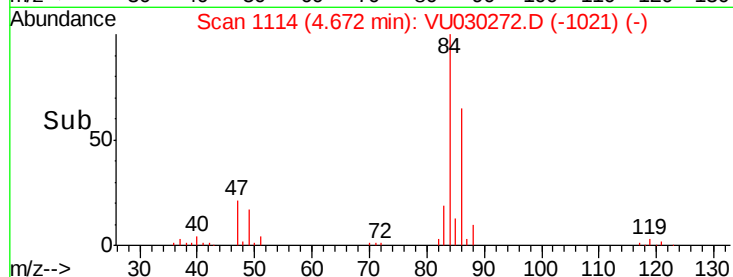
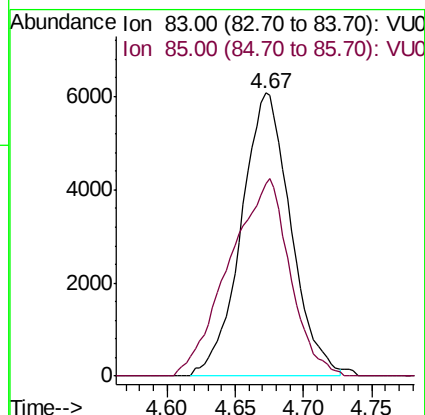
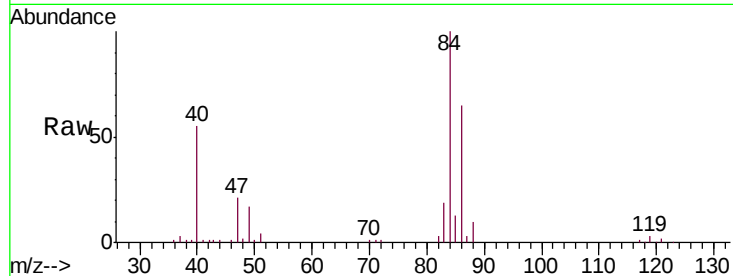




#25
Chloroform
Concen: 2.240 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030272.D
Acq: 21 Mar 2019 17:49

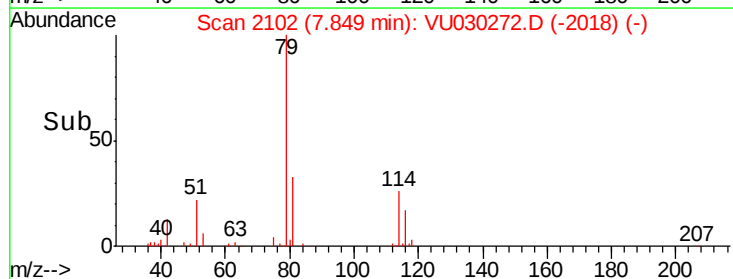
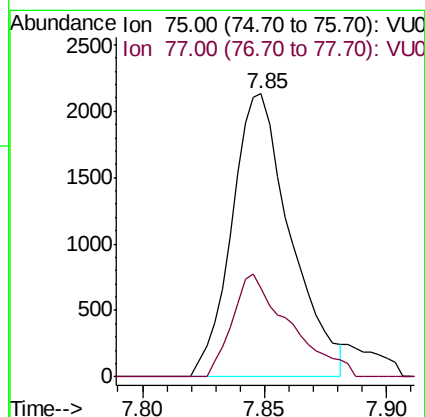
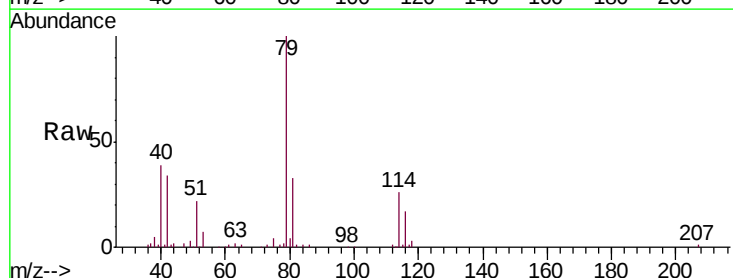
Instrument :
MSVOA_U
ClientSampleId :
BF1G9

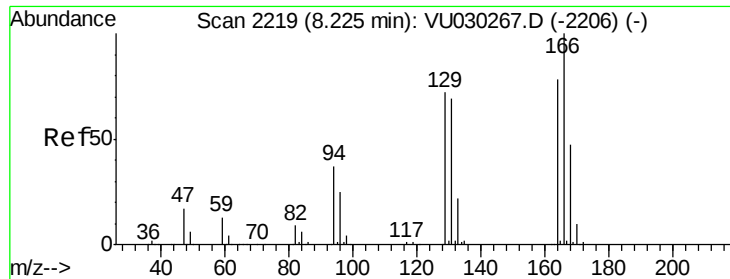
Tgt Ion: 83 Resp: 15296
Ion Ratio Lower Upper
83 100
85 68.2 45.8 85.2



#44
trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030272.D
Acq: 21 Mar 2019 17:49

Tgt Ion: 75 Resp: 3568
Ion Ratio Lower Upper
75 100
77 31.5 22.7 42.1

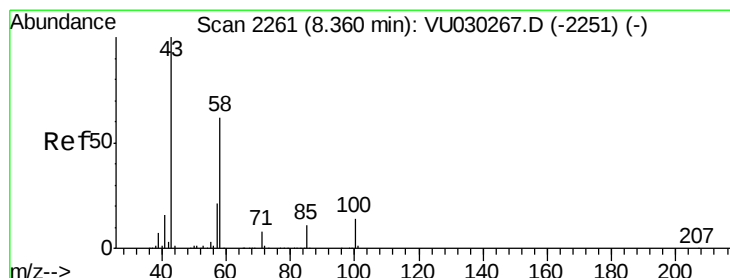
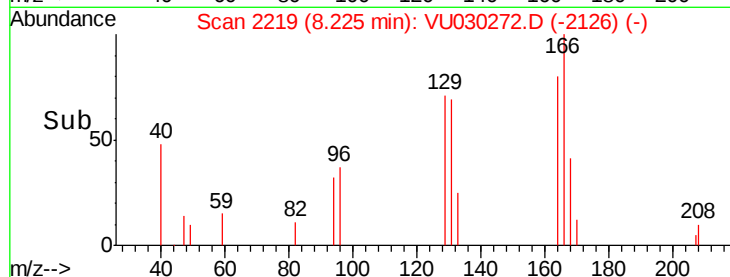
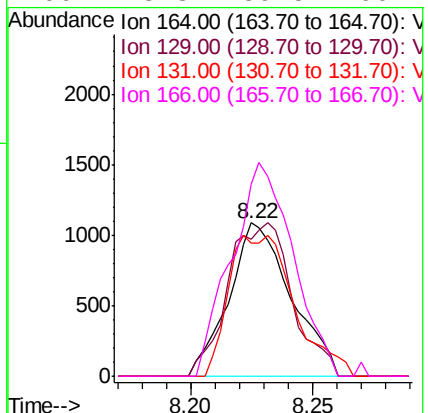
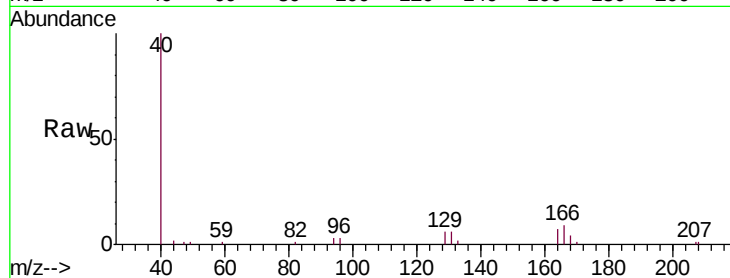




#46
Tetrachloroethene
Concen: 0.575 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030272.D
Acq: 21 Mar 2019 17:49

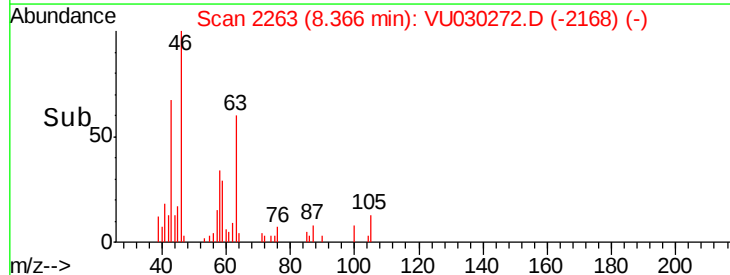
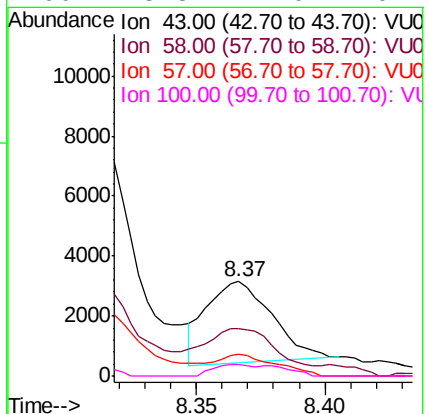
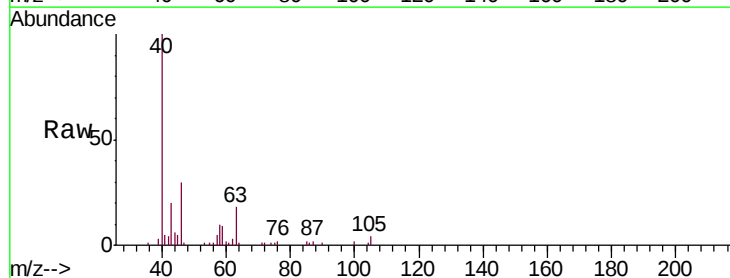
Instrument :
MSVOA_U
ClientSampleId :
BF1G9

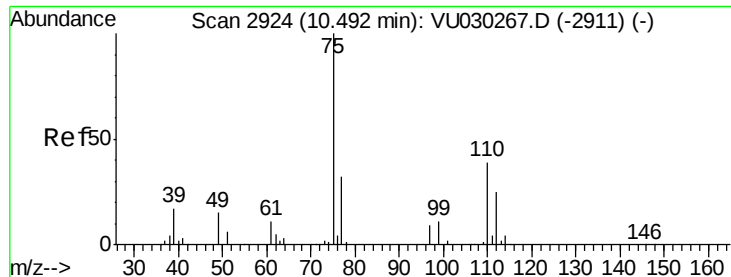
Tgt Ion:	164	Resp:	1921
Ion	Ratio	Lower	Upper
164	100		
129	89.1	64.4	119.6
131	86.8	63.2	117.4
166	125.3	89.5	166.1



#48
2-Hexanone
Concen: 1.101 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030272.D
Acq: 21 Mar 2019 17:49

Tgt Ion:	43	Resp:	4826
Ion	Ratio	Lower	Upper
43	100		
58	43.5	49.3	73.9#
57	23.3	17.0	25.4
100	8.8	11.0	16.4#





#59

1,2,3-Trichloropropane

Concen: 4.954 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030272.D

Acq: 21 Mar 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

BF1G9

Tgt Ion: 75 Resp: 25723

Ion Ratio Lower Upper

75 100

77 34.3 25.8 38.8

