

Data File : VU030904.D
Acq On : 08 Apr 2019 14:38
Operator : JC/SP
Sample : K2277-20ME
Misc : 5.16g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2R4ME

Quant Time: Apr 09 02:21:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	499740	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229677	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	160854	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.12%
7) Chloroethane-d5	1.84	69	257	0.08	ug/L	0.17
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	2.22	63	261288	32.38	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	4.20	46	359004	101.54	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.54%
24) Chloroform-d	4.64	84	317908	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.30	65	237069	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
32) Benzene-d6	5.33	84	658122	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
36) 1,2-Dichloropropane-d6	6.32	67	236405	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.56	98	566301	43.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.06%
43) trans-1,3-Dichloropropene-	7.85	79	101899	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.32	63	257800	112.14	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	366281	53.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	228859	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2260	0.632 ug/L #	20
13) Acetone	2.35	43	2616	0.723 ug/L	73
20) cis-1,2-Dichloroethene	4.21	96	49479	12.217 ug/L	85
25) Chloroform	4.66	83	16833	2.213 ug/L	94
34) Trichloroethene	6.18	95	36767	9.111 ug/L	98
39) cis-1,3-Dichloropropene	7.23	75	6325	0.954 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	4734	0.810 ug/L	99
46) Tetrachloroethene	8.22	164	141554	48.250 ug/L	99
48) 2-Hexanone	8.32	43	34785	5.951 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	27883	4.997 ug/L #	86

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

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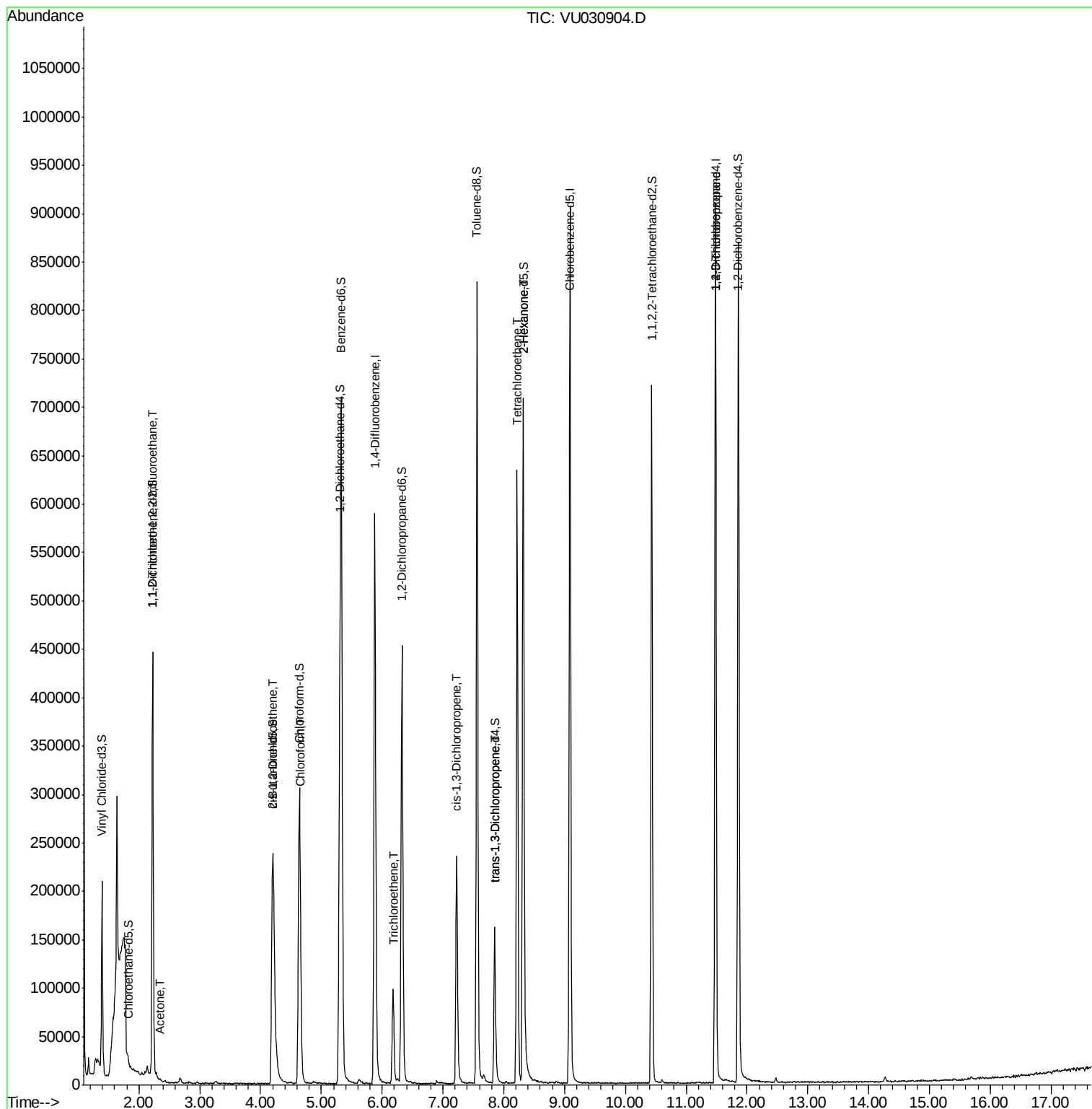
Quant Time: Apr 09 02:21:00 2019

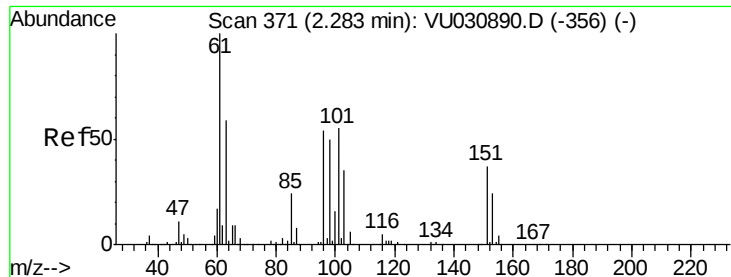
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Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:16:31 2019

Response via : Initial Calibration





#10

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

Concen: 0.632 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.06 min

Lab File: VU030904.D

Acq: 08 Apr 2019 14:38

Instrument :

MSVOA_U

ClientSampled :

BF2R4ME

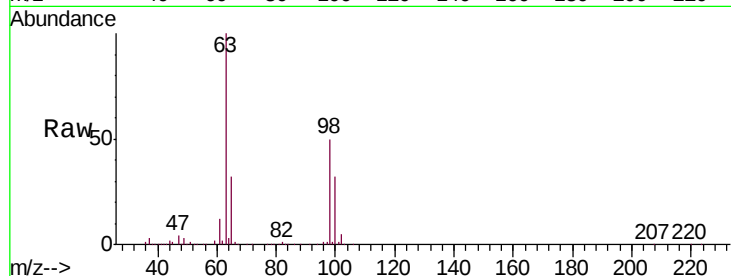
Tgt Ion: 101 Resp: 2260

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

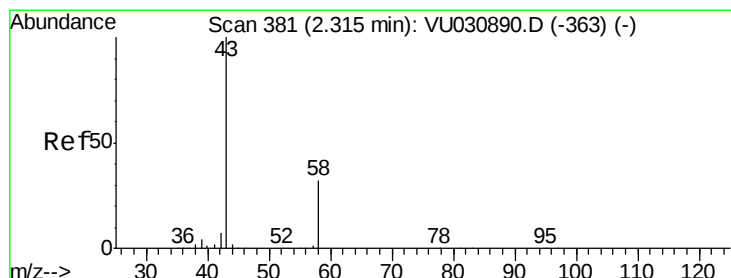
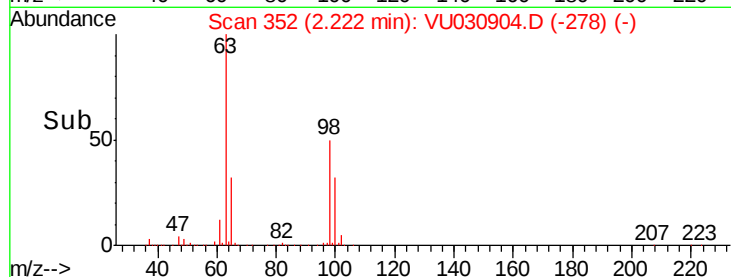
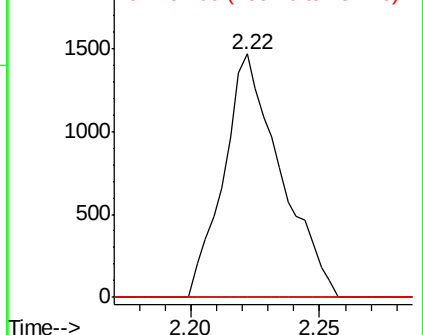
151 0.0 57.4 86.0#



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: 0.723 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.03 min

Lab File: VU030904.D

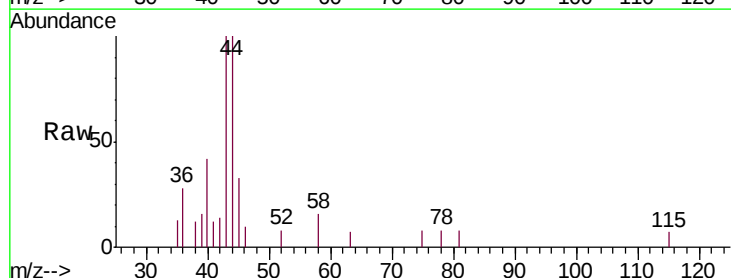
Acq: 08 Apr 2019 14:38

Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

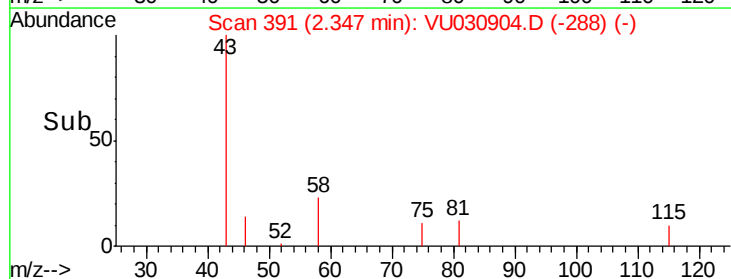
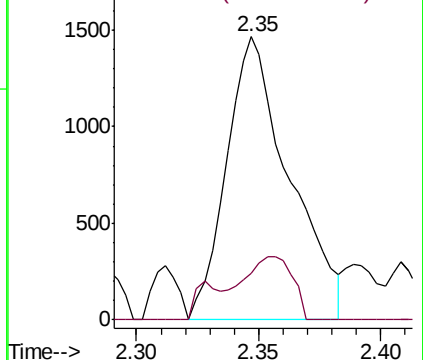
43 100

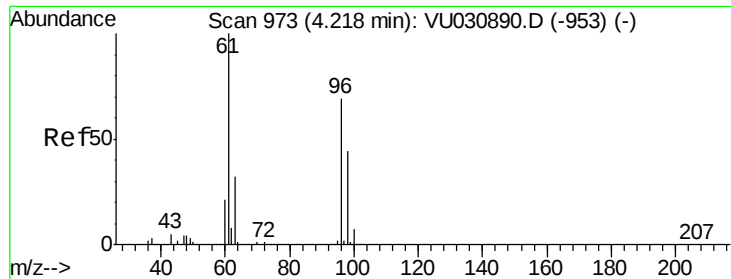
58 16.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

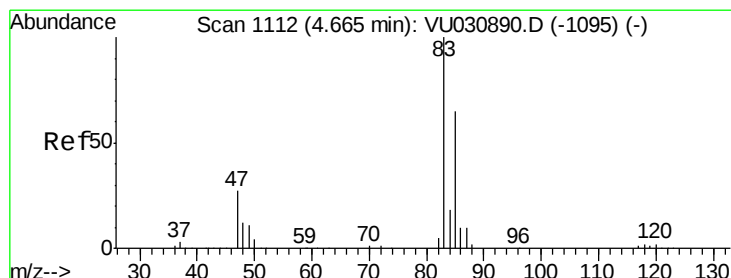
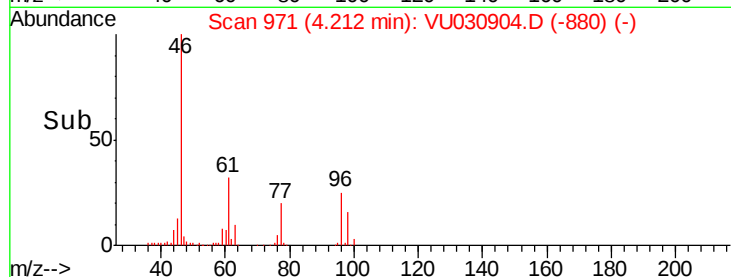
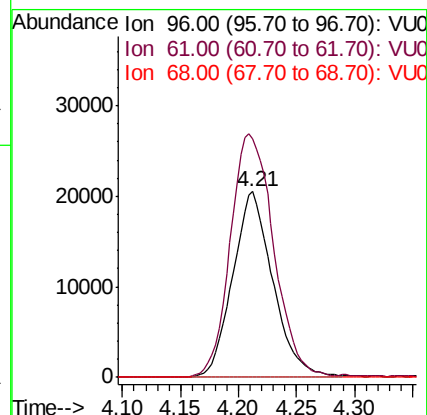
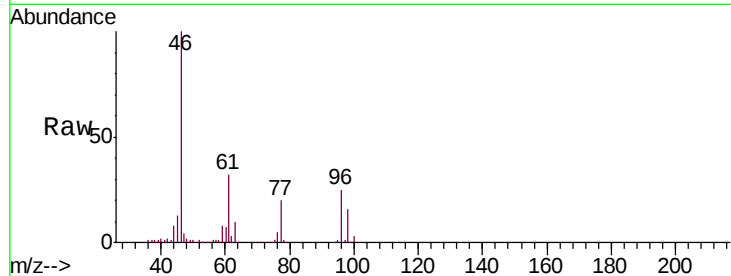




#20
 cis-1,2-Dichloroethene
 Concen: 12.217 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU030904.D
 Acq: 08 Apr 2019 14:38

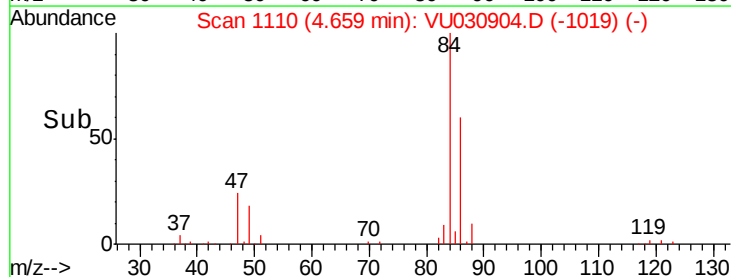
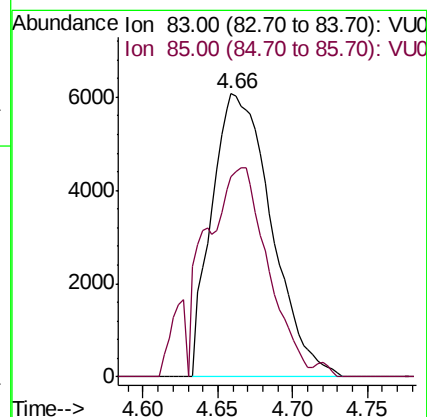
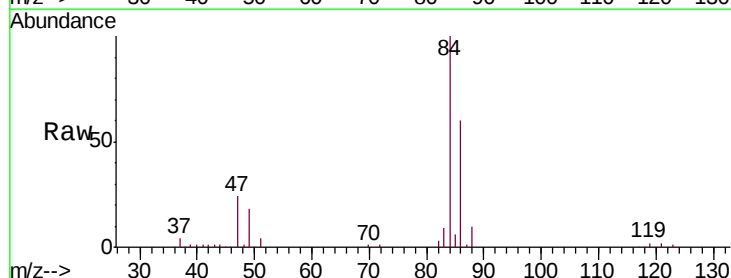
Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R4ME

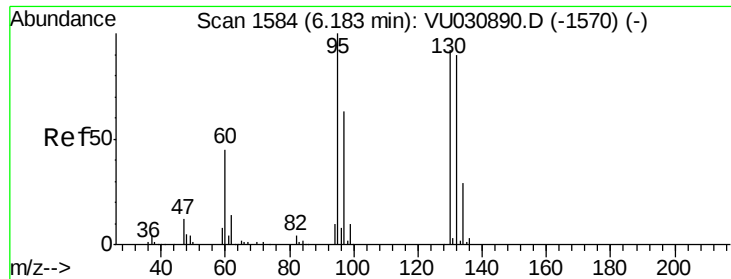
Tgt Ion: 96 Resp: 49479
 Ion Ratio Lower Upper
 96 100
 61 128.3 102.9 191.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.213 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: VU030904.D
 Acq: 08 Apr 2019 14:38

Tgt Ion: 83 Resp: 16833
 Ion Ratio Lower Upper
 83 100
 85 70.5 45.8 85.0

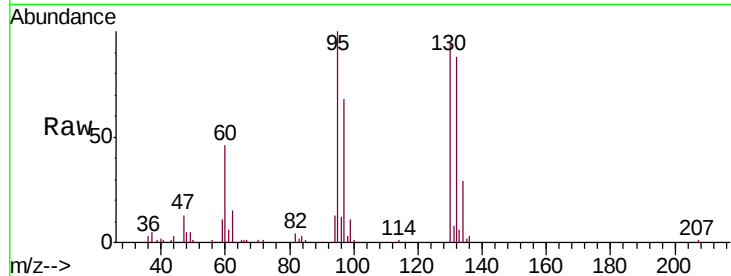




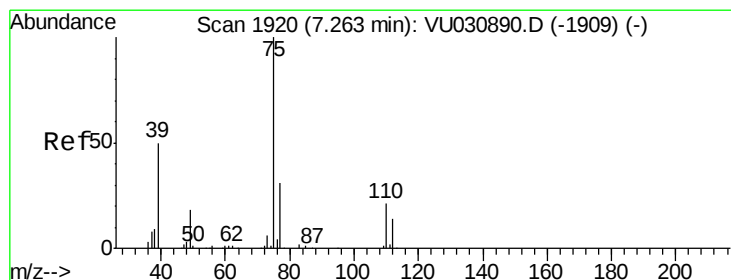
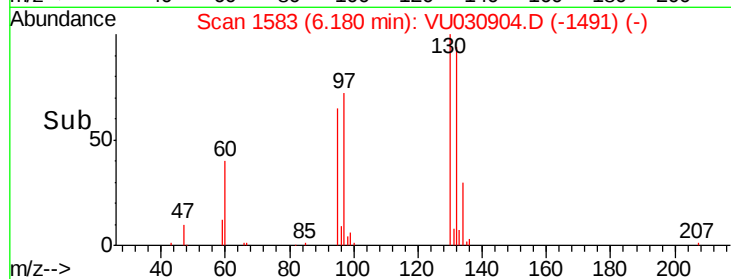
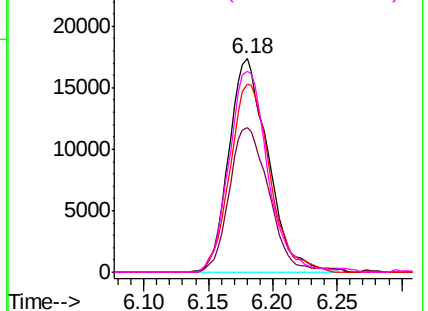
#34
 Trichloroethene
 Concen: 9.111 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU030904.D
 Acq: 08 Apr 2019 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R4ME

Tgt Ion:	95	Resp:	36767
Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.5	82.7
132	88.3	61.5	114.1
130	94.3	64.9	120.5

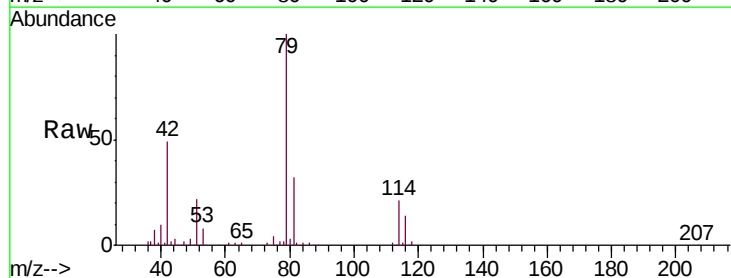


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

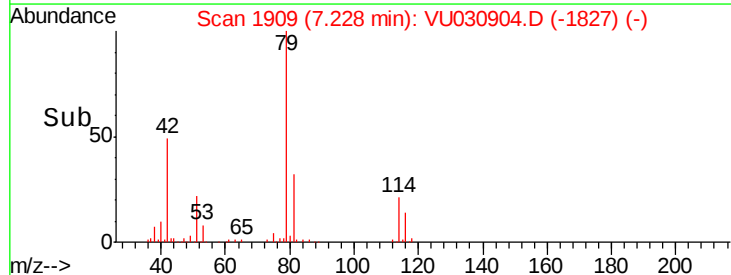
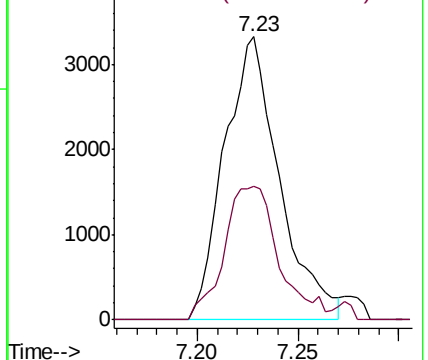


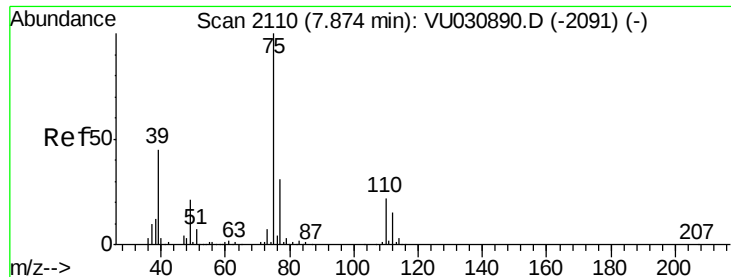
#39
 cis-1,3-Dichloropropene
 Concen: 0.954 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU030904.D
 Acq: 08 Apr 2019 14:38

Tgt Ion:	75	Resp:	6325
Ion	Ratio	Lower	Upper
75	100		
77	47.4	23.1	42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

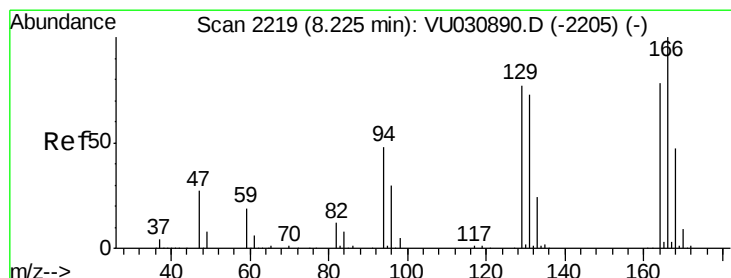
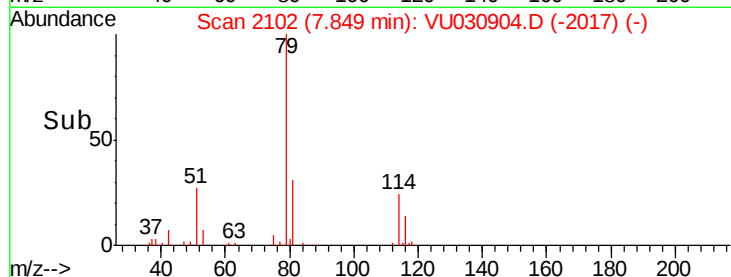
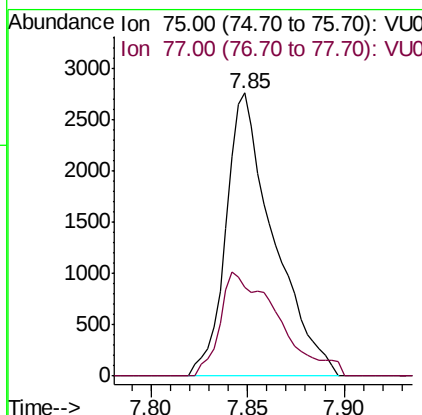
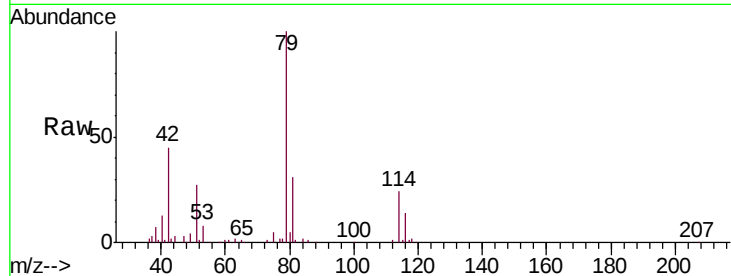




#44
trans-1,3-Dichloropropene
Concen: 0.810 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030904.D
Acq: 08 Apr 2019 14:38

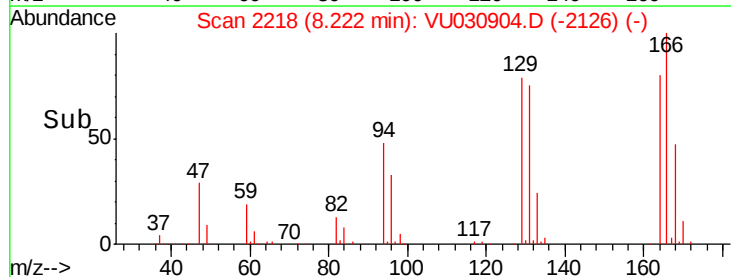
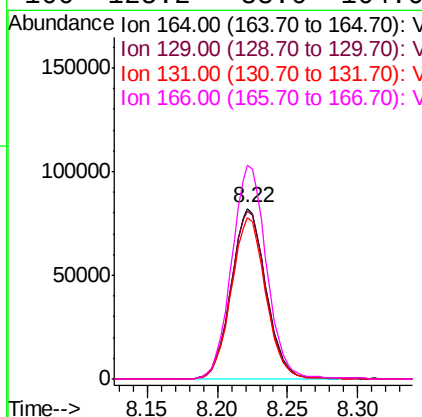
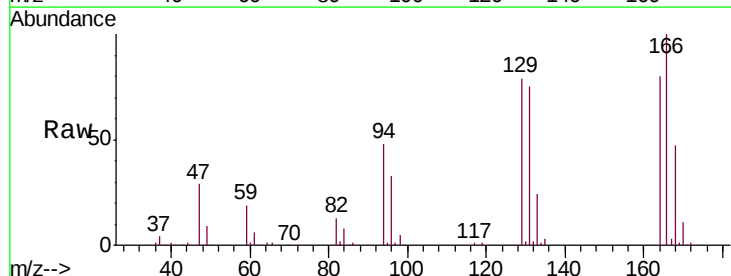
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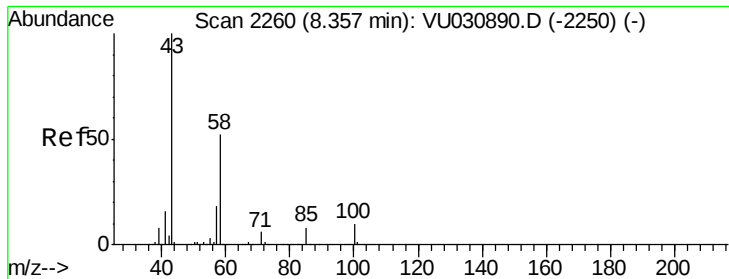
Tgt Ion: 75 Resp: 4734
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.0



#46
Tetrachloroethene
Concen: 48.250 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030904.D
Acq: 08 Apr 2019 14:38

Tgt Ion: 164 Resp: 141554
Ion Ratio Lower Upper
164 100
129 98.3 67.4 125.2
131 94.5 65.9 122.5
166 125.2 88.6 164.6

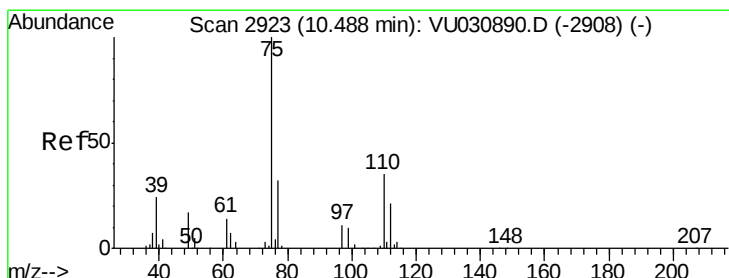
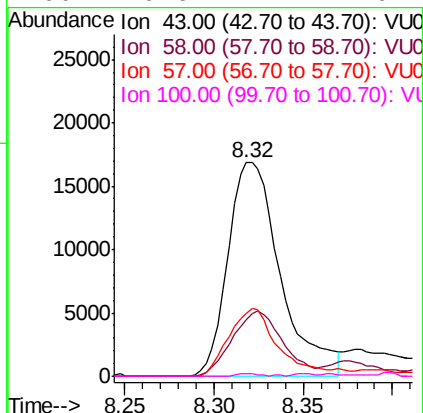
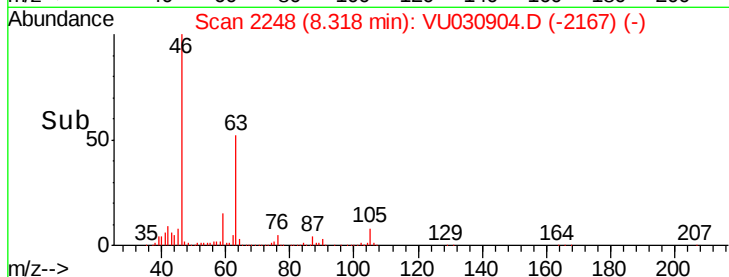
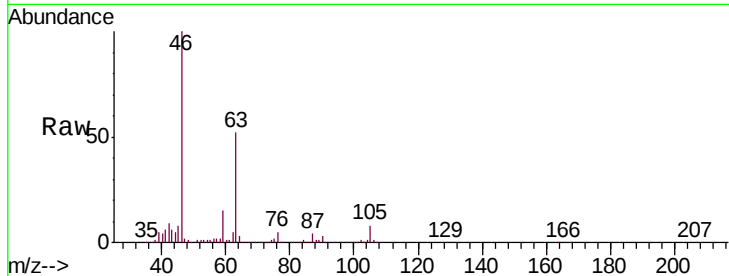




#48
 2-Hexanone
 Concen: 5.951 ug/L
 RT: 8.32 min Scan# 2248
 Delta R.T. -0.04 min
 Lab File: VU030904.D
 Acq: 08 Apr 2019 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R4ME

Tgt Ion: 43 Resp: 34785
 Ion Ratio Lower Upper
 43 100
 58 29.2 41.9 62.9#
 57 29.3 14.3 21.5#
 100 0.6 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.997 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030904.D
 Acq: 08 Apr 2019 14:38

Tgt Ion: 75 Resp: 27883
 Ion Ratio Lower Upper
 75 100
 77 40.5 26.1 39.1#

