

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031250.D
 Acq On : 17 Apr 2019 11:23
 Operator : JC/SP
 Sample : K2410-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ2

Quant Time: Apr 18 04:53:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	497130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194369	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.92%
7) Chloroethane-d5	1.68	69	161680	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.34%
11) 1,1-Dichloroethene-d2	2.27	63	282258	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
21) 2-Butanone-d5	4.19	46	299664	89.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.87%
24) Chloroform-d	4.64	84	313473	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.08%
26) 1,2-Dichloroethane-d4	5.31	65	205431	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
32) Benzene-d6	5.34	84	636091	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.92%
36) 1,2-Dichloropropane-d6	6.33	67	210249	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.56	98	549039	41.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.32%
43) trans-1,3-Dichloropropene-	7.85	79	94338	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.31	63	233578	100.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293164	42.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	195597	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%

Target Compounds

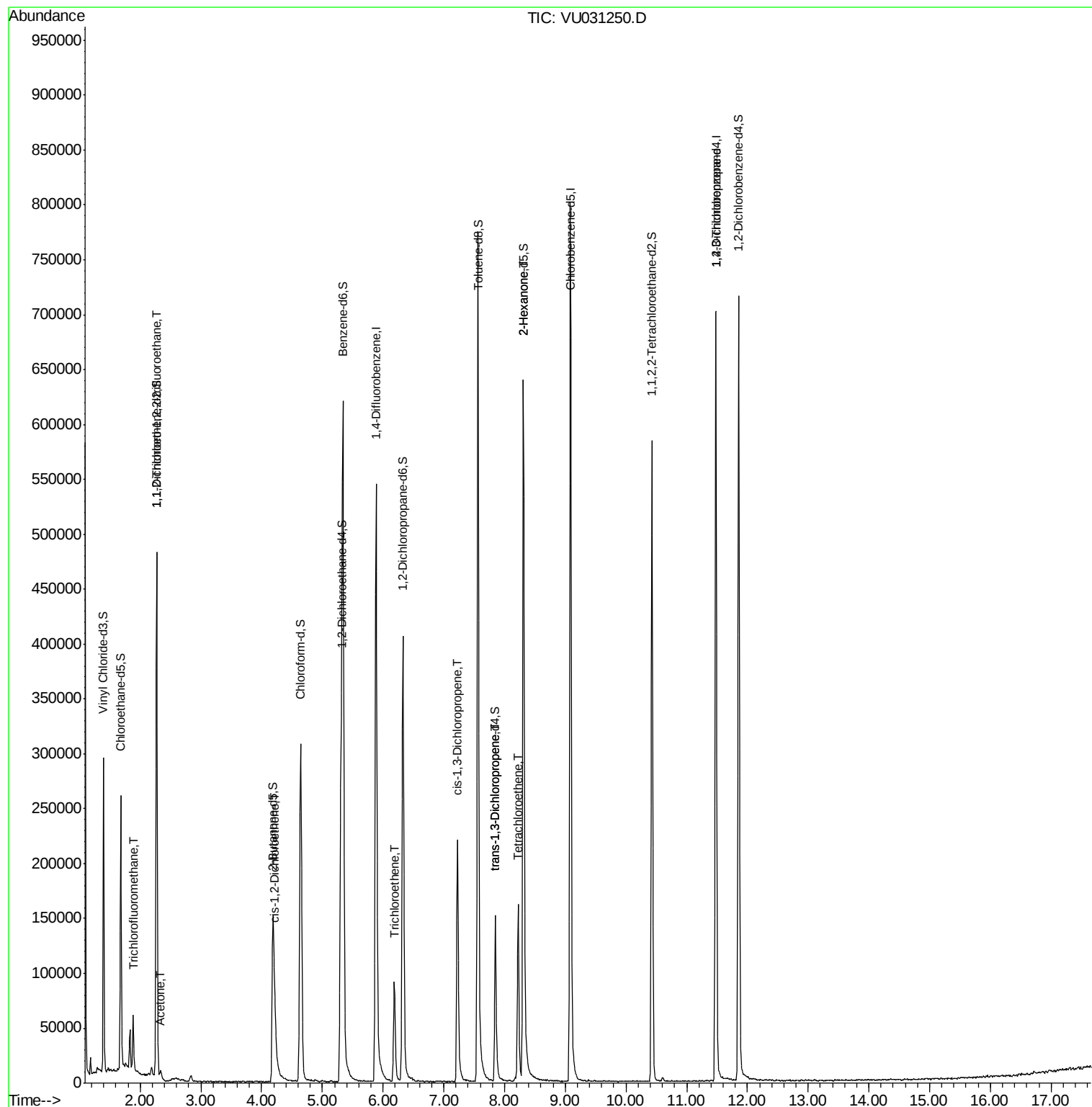
					Qvalue
9) Trichlorofluoromethane	1.88	101	26826	3.542 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2356	0.595 ug/L #	21
13) Acetone	2.34	43	4322	1.684 ug/L	56
20) cis-1,2-Dichloroethene	4.22	96	5470	1.328 ug/L	78
34) Trichloroethene	6.19	95	33386	8.273 ug/L	99
39) cis-1,3-Dichloropropene	7.23	75	5154	0.805 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	3464	0.623 ug/L	92
46) Tetrachloroethene	8.22	164	40452	13.327 ug/L	98
48) 2-Hexanone	8.31	43	27197	5.674 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	23009	4.529 ug/L	90

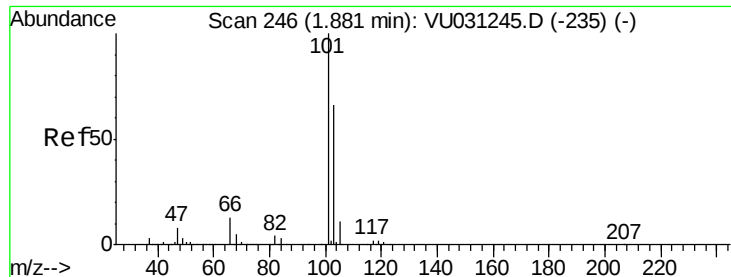
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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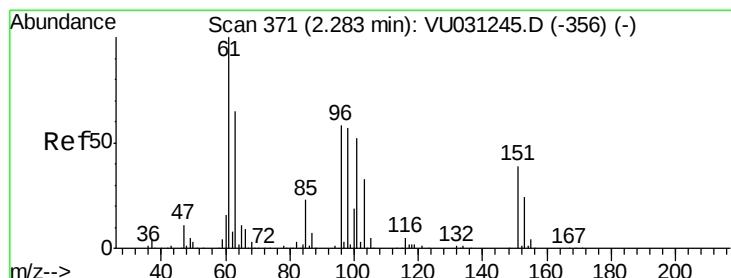
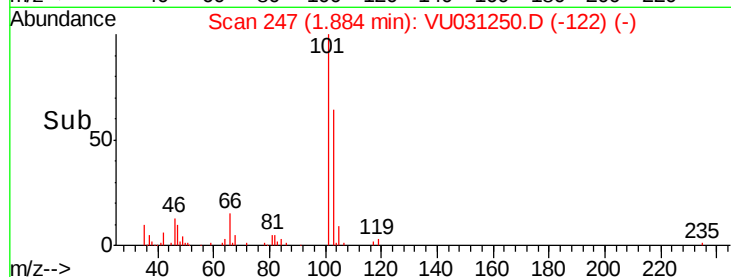
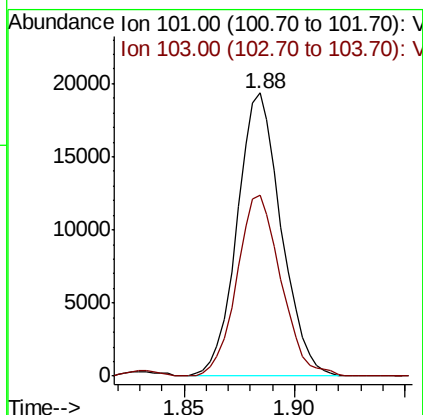
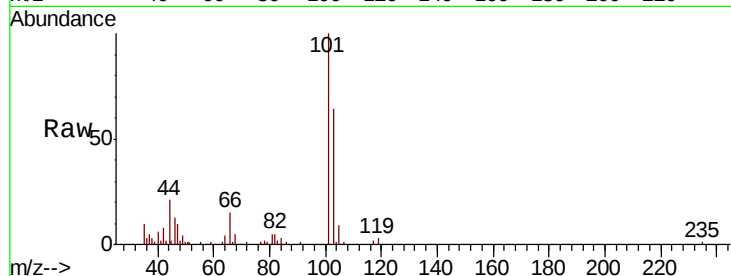


#9

Trichlorofluoromethane
Concen: 3.542 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031250.D
Acq: 17 Apr 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
COWZ2

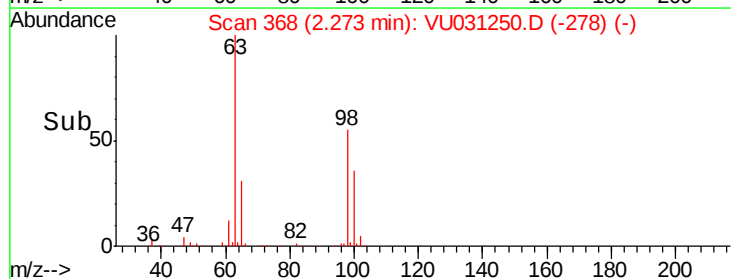
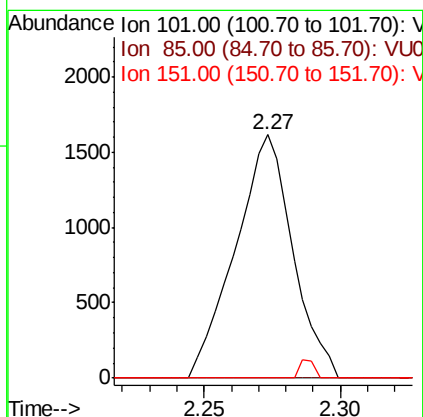
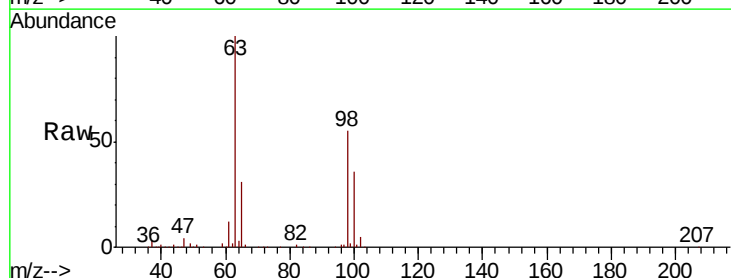
Tgt Ion:101 Resp: 26826
Ion Ratio Lower Upper
101 100
103 64.0 53.0 79.6

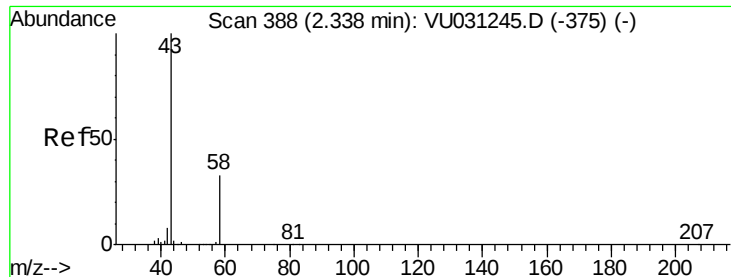


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.595 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU031250.D
Acq: 17 Apr 2019 11:23

Tgt Ion:101 Resp: 2356
Ion Ratio Lower Upper
101 100
85 0.0 35.4 53.0#
151 1.9 59.8 89.8#





#13

Acetone

Concen: 1.684 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031250.D

Acq: 17 Apr 2019 11:23

Instrument :

MSVOA_U

ClientSampled :

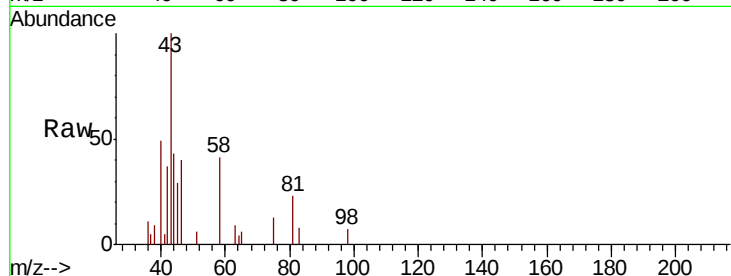
COWZ2

Tgt Ion: 43 Resp: 4322

Ion Ratio Lower Upper

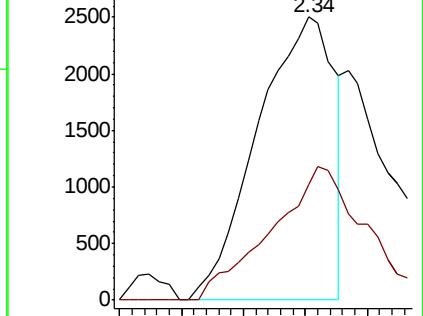
43 100

58 57.0 0.0 65.0

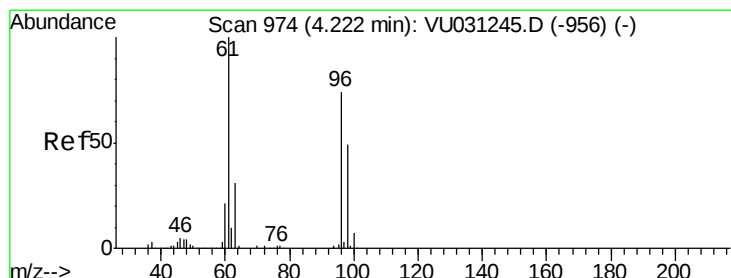
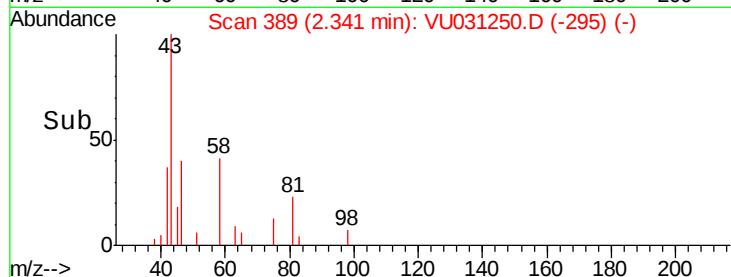


Abundance Ion 43.00 (42.70 to 43.70): VU031250.D (-375) (-)

Ion 58.00 (57.70 to 58.70): VU031250.D (-375) (-)



Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.328 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031250.D

Acq: 17 Apr 2019 11:23

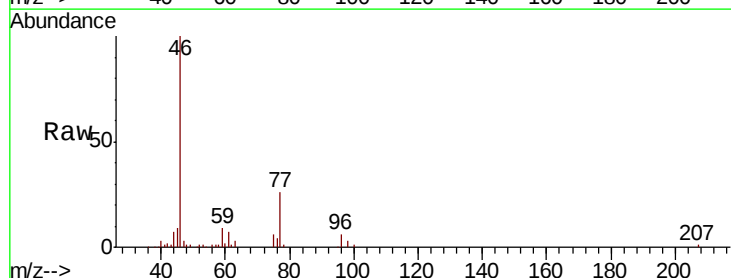
Tgt Ion: 96 Resp: 5470

Ion Ratio Lower Upper

96 100

61 113.7 98.2 182.4

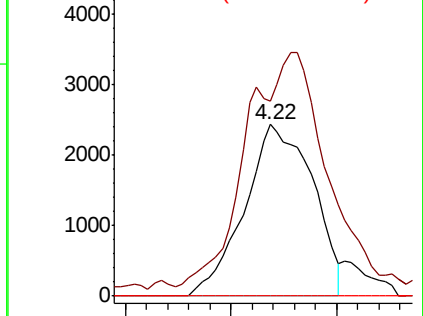
68 0.0 0.0 0.0



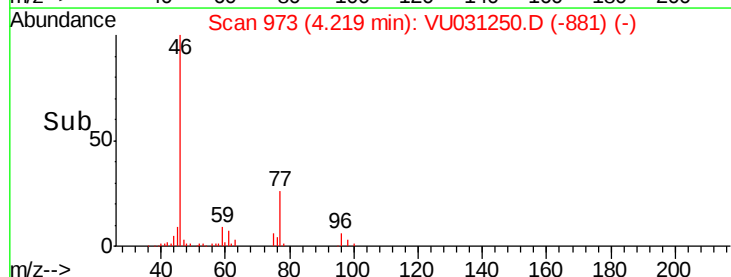
Abundance Ion 96.00 (95.70 to 96.70): VU031250.D (-956) (-)

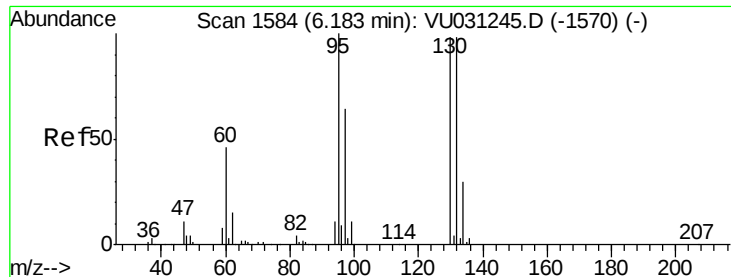
Ion 61.00 (60.70 to 61.70): VU031250.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU031250.D (-956) (-)



Time-->

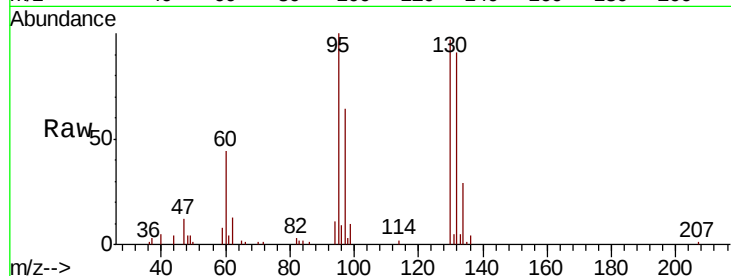




#34
 Trichloroethene
 Concen: 8.273 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ2

Tgt Ion:	95	Resp:	33386
Ion	Ratio	Lower	Upper
95	100		
97	63.8	43.6	81.0
132	90.5	64.5	119.7
130	96.9	68.0	126.2



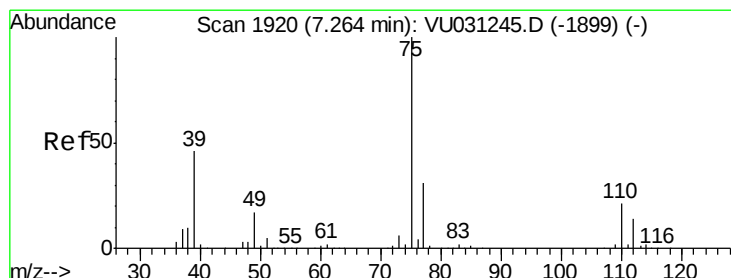
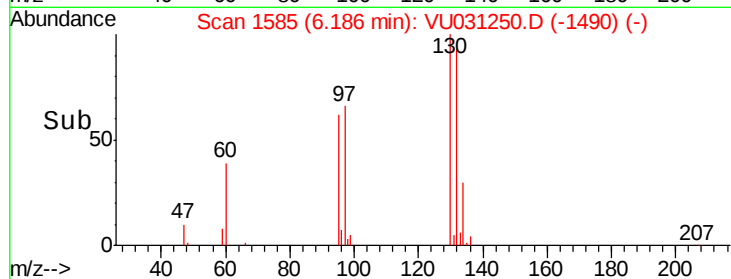
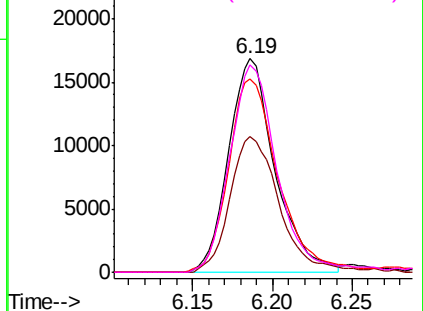
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

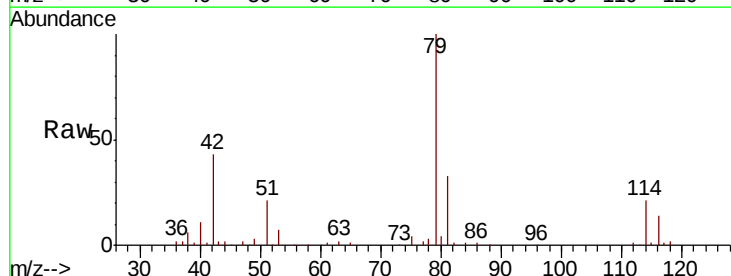
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39
 cis-1,3-Dichloropropene
 Concen: 0.805 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

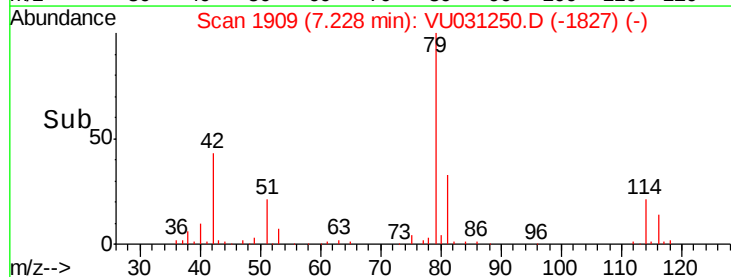
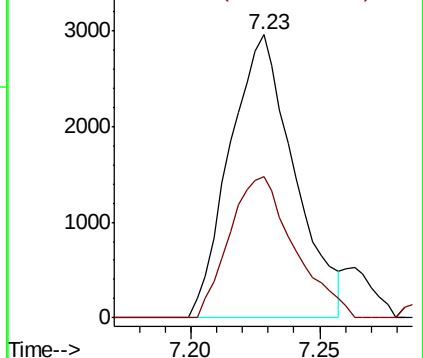
Tgt Ion:	75	Resp:	5154
Ion	Ratio	Lower	Upper
75	100		
77	49.9	22.7	42.1#

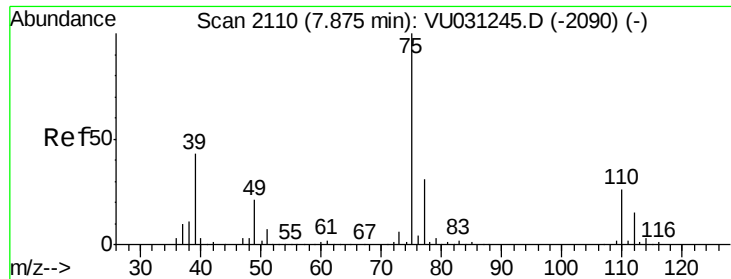


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

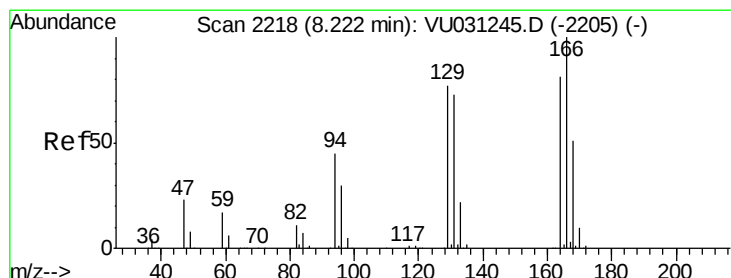
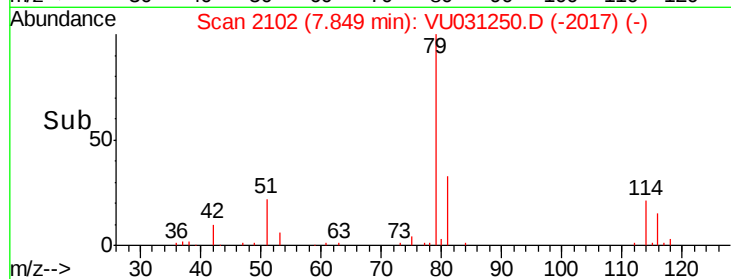
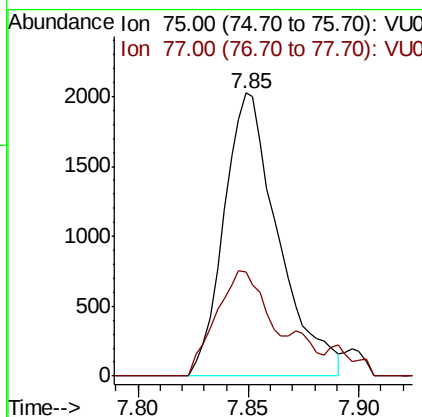
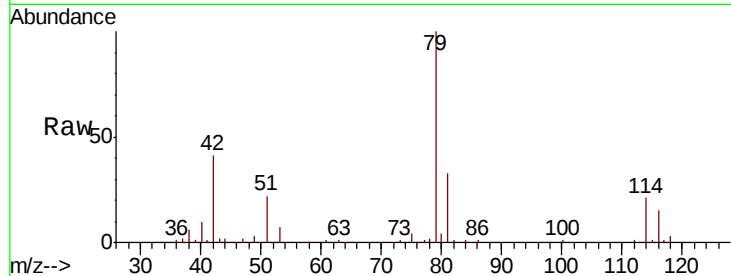




#44
trans-1,3-Dichloropropene
Concen: 0.623 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031250.D
Acq: 17 Apr 2019 11:23

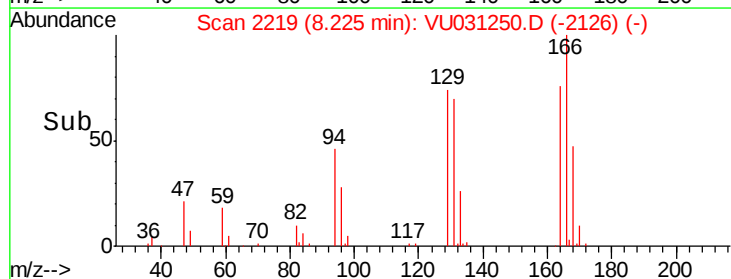
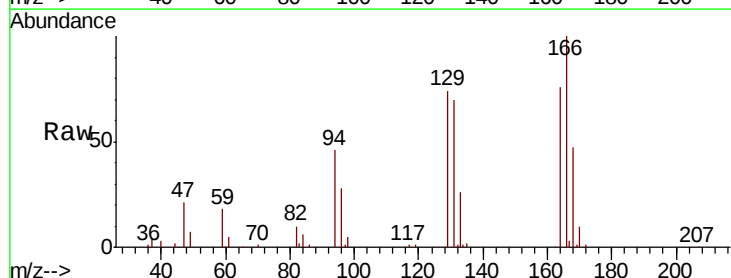
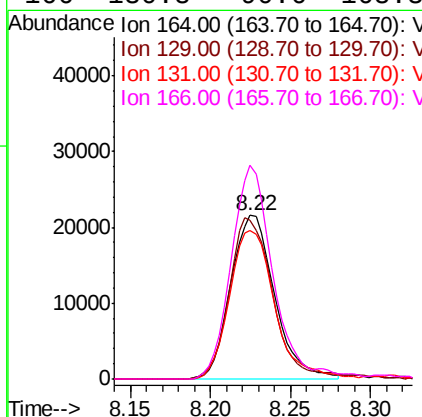
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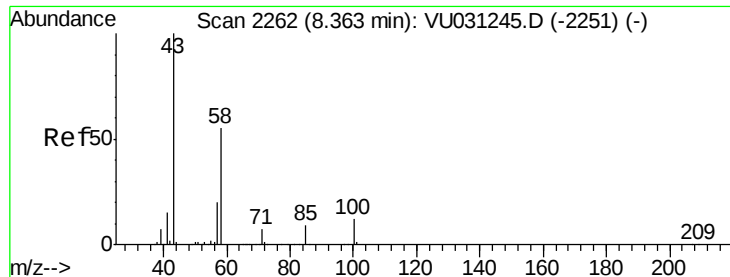
Tgt Ion: 75 Resp: 3464
Ion Ratio Lower Upper
75 100
77 37.0 22.8 42.4



#46
Tetrachloroethene
Concen: 13.327 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031250.D
Acq: 17 Apr 2019 11:23

Tgt Ion: 164 Resp: 40452
Ion Ratio Lower Upper
164 100
129 96.9 66.5 123.5
131 91.2 62.3 115.7
166 130.8 90.6 168.3

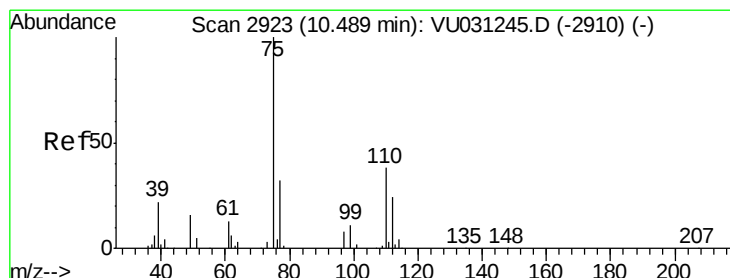
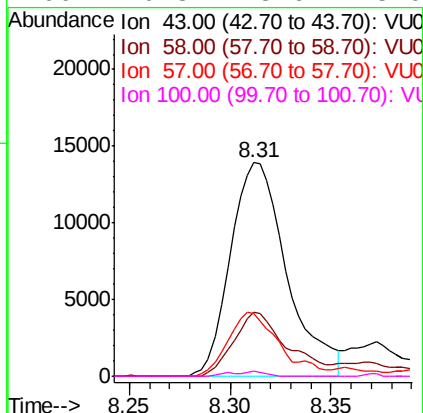
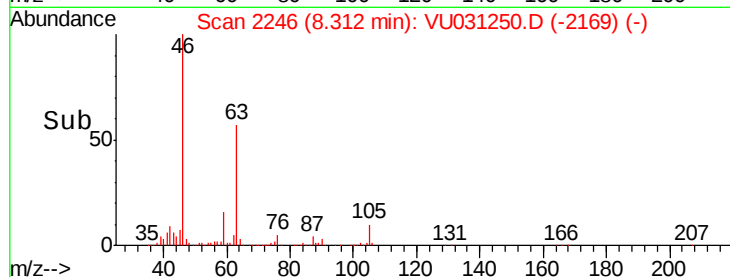
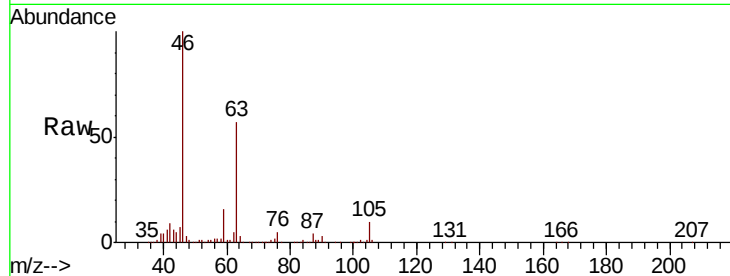




#48
 2-Hexanone
 Concen: 5.674 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ2

Tgt Ion: 43 Resp: 27197
 Ion Ratio Lower Upper
 43 100
 58 28.1 44.9 67.3#
 57 25.2 15.1 22.7#
 100 0.8 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.529 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

Tgt Ion: 75 Resp: 23009
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.4 38.2

