

Data File : VU030833.D
Acq On : 07 Apr 2019 04:10
Operator : JC/SP
Sample : K2277-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C6

Quant Time: Apr 08 07:09:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464307	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462810	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211216	50.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.92%
7) Chloroethane-d5	1.68	69	165522	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.24%
11) 1,1-Dichloroethene-d2	2.27	63	302719	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.76%
21) 2-Butanone-d5	4.17	46	346858	105.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.59%
24) Chloroform-d	4.64	84	311709	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
26) 1,2-Dichloroethane-d4	5.30	65	223014	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
32) Benzene-d6	5.34	84	658612	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.32	67	231796	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.56	98	556920	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	93984	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.02%
47) 2-Hexanone-d5	8.31	63	205054	96.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295622	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	187026	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

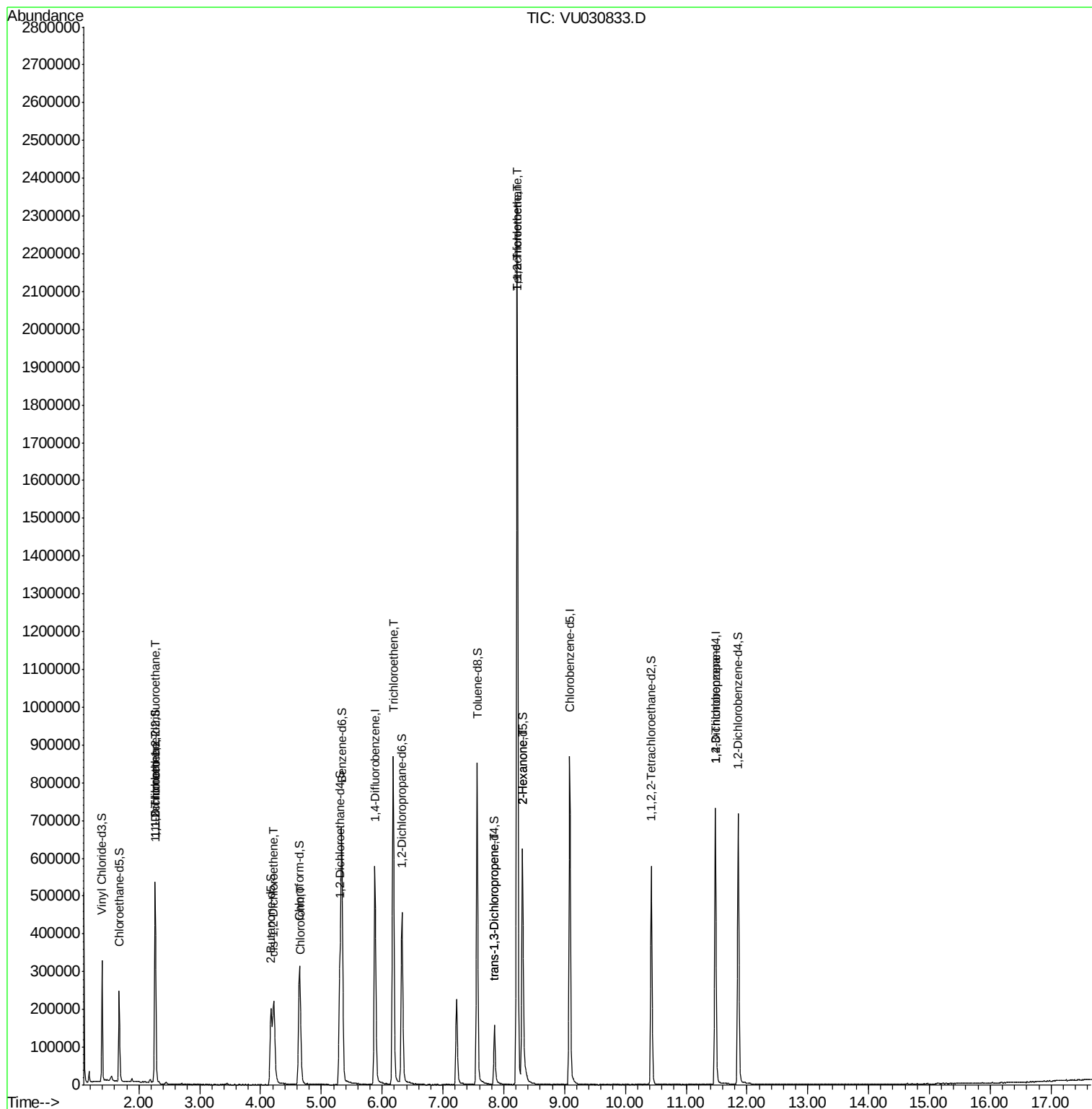
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2739	0.824	ug/L #	22
12) 1,1-Dichloroethene	2.28	96	26551	8.273	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	108387	28.805	ug/L	99
25) Chloroform	4.67	83	20983	2.969	ug/L	100
34) Trichloroethene	6.18	95	324011	87.226	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4332	0.805	ug/L	87
45) 1,1,2-Trichloroethane	8.22	97	5009	1.377	ug/L #	14
46) Tetrachloroethene	8.22	164	501144	185.565	ug/L	97
48) 2-Hexanone	8.31	43	25452	4.731	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	26590	5.177	ug/L	98

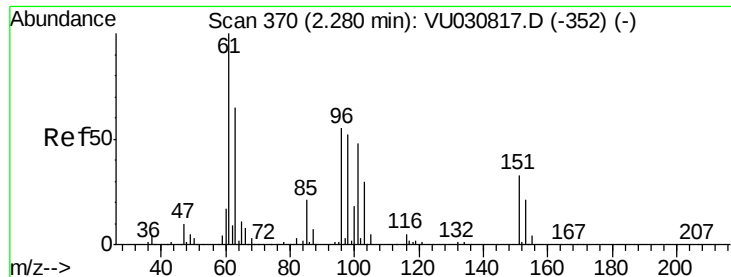
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.824 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU030833.D

Acq: 07 Apr 2019 04:10

Instrument :

MSVOA_U

ClientSampleId :

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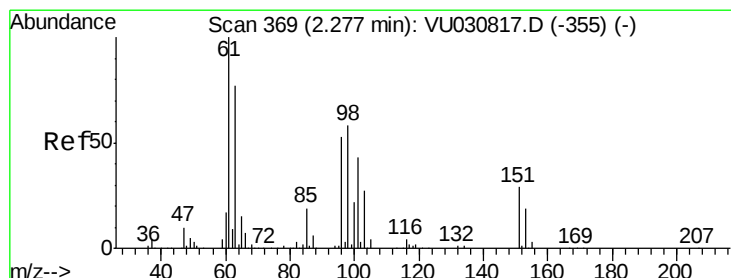
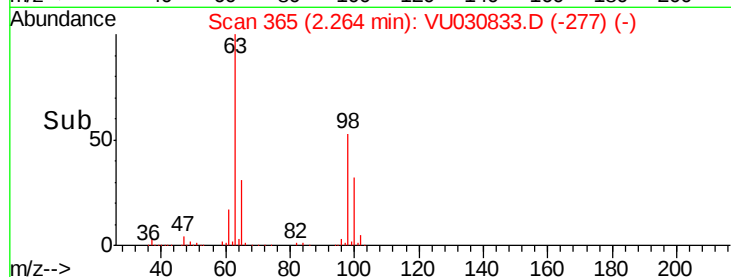
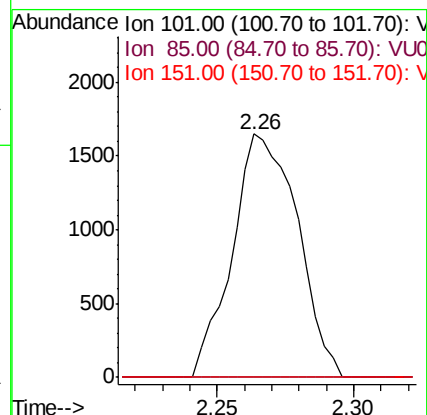
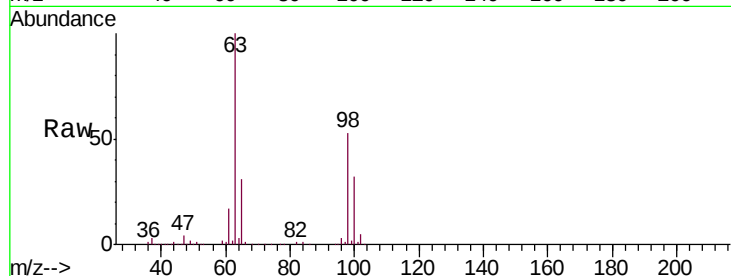
Tgt Ion: 101 Resp: 2739

Ion Ratio Lower Upper

101 100

85 2.4 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 8.273 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU030833.D

Acq: 07 Apr 2019 04:10

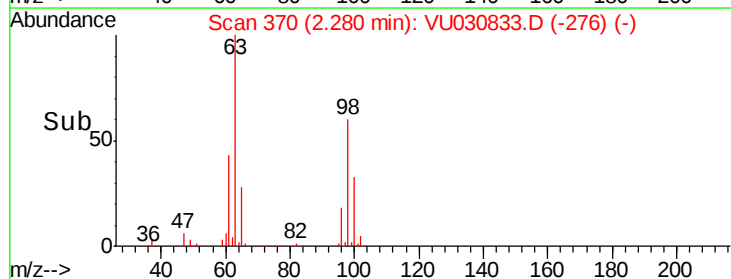
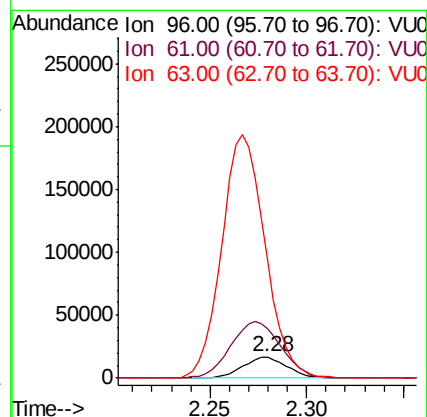
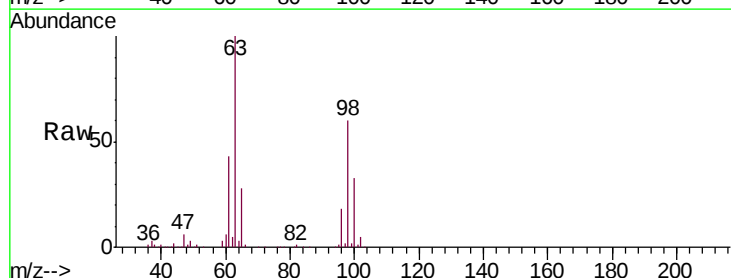
Tgt Ion: 96 Resp: 26551

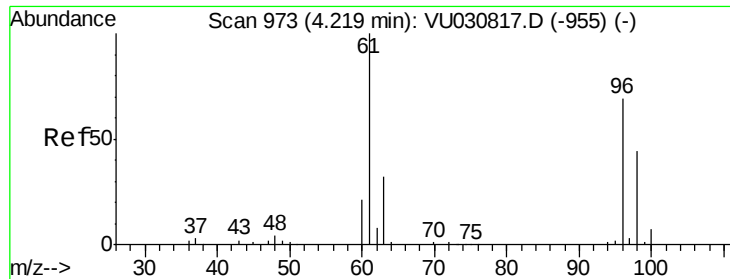
Ion Ratio Lower Upper

96 100

61 236.3 132.0 245.2

63 552.3 90.9 168.9#

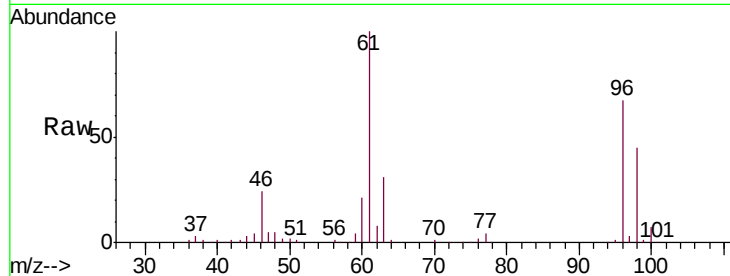




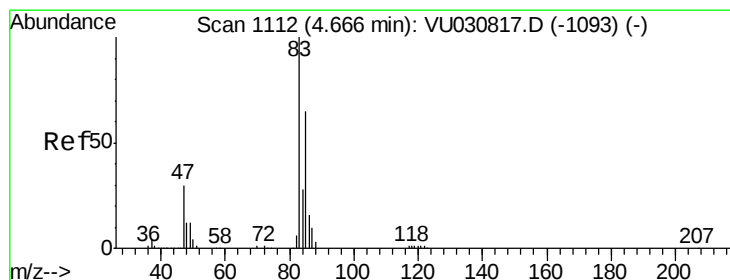
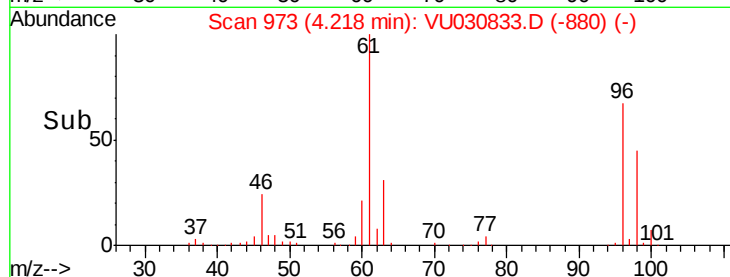
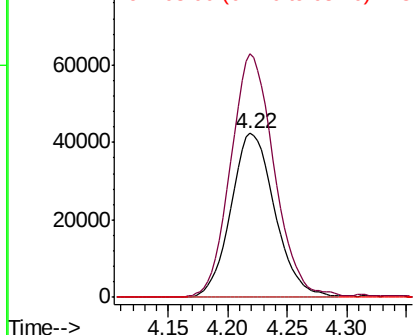
#20
 cis-1,2-Dichloroethene
 Concen: 28.805 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030833.D
 Acq: 07 Apr 2019 04:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C6

Tgt Ion: 96 Resp: 108387
 Ion Ratio Lower Upper
 96 100
 61 148.8 102.9 191.1
 68 0.0 0.0 0.0

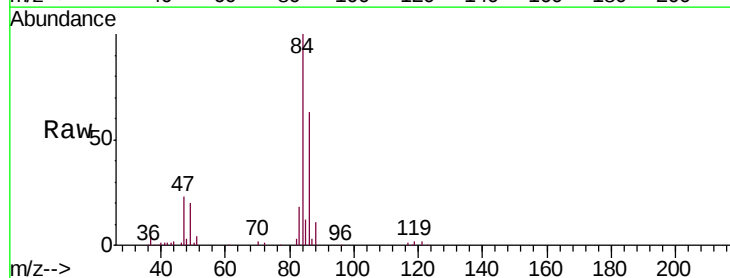


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

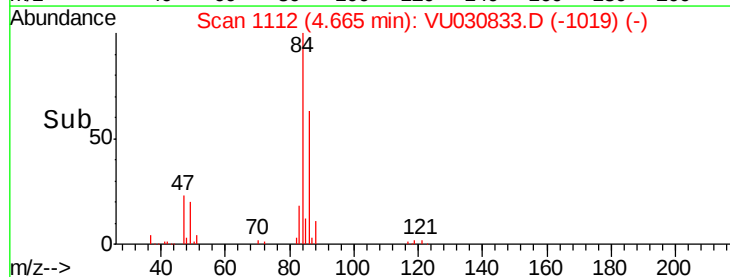
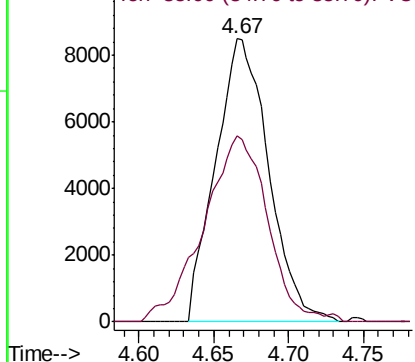


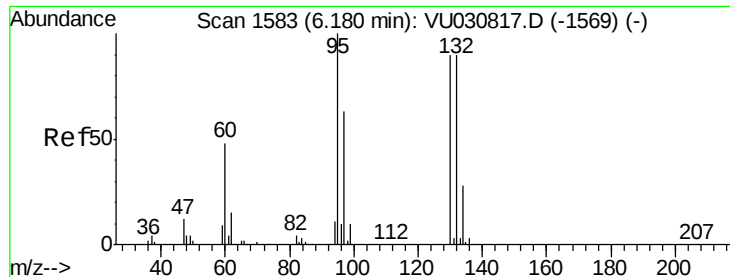
#25
 Chloroform
 Concen: 2.969 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VU030833.D
 Acq: 07 Apr 2019 04:10

Tgt Ion: 83 Resp: 20983
 Ion Ratio Lower Upper
 83 100
 85 65.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 87.226 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030833.D

Acq: 07 Apr 2019 04:10

Instrument :

MSVOA_U

ClientSampleId :

BF1C6

Tgt Ion: 95 Resp: 324011

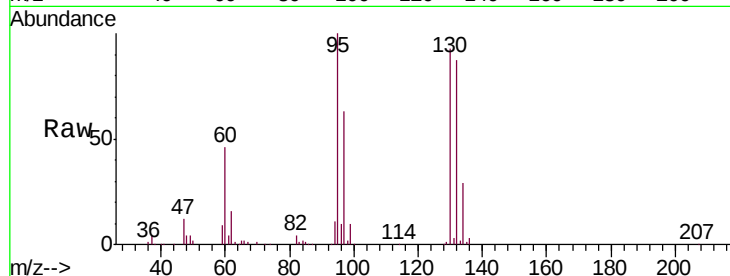
Ion Ratio Lower Upper

95 100

97 63.0 44.5 82.7

132 86.9 61.5 114.1

130 93.0 64.9 120.5

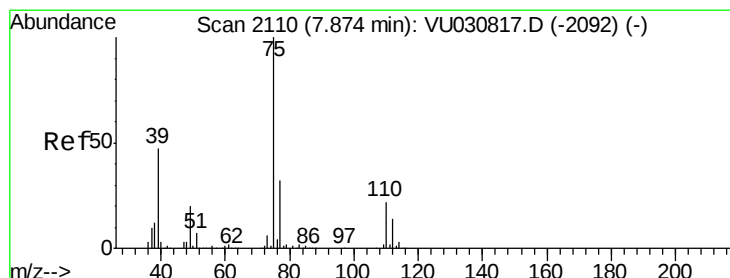
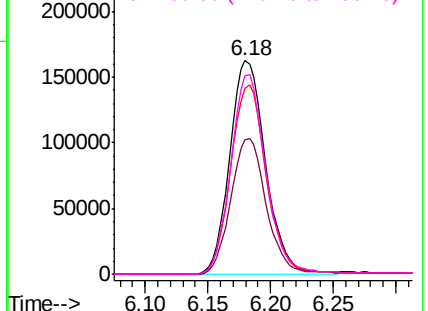
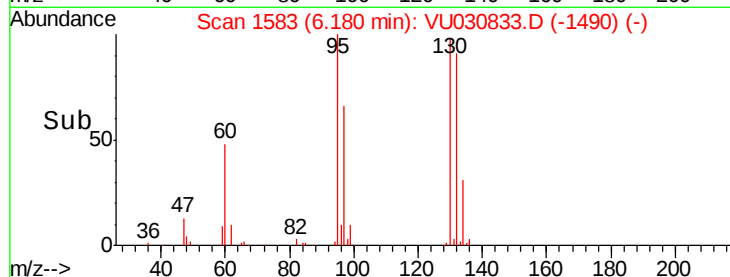


Abundance Ion 95.00 (94.70 to 95.70): VU030833.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU030833.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU030833.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU030833.D (-1490) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.805 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030833.D

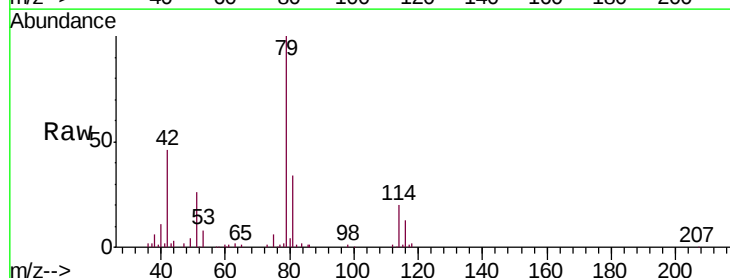
Acq: 07 Apr 2019 04:10

Tgt Ion: 75 Resp: 4332

Ion Ratio Lower Upper

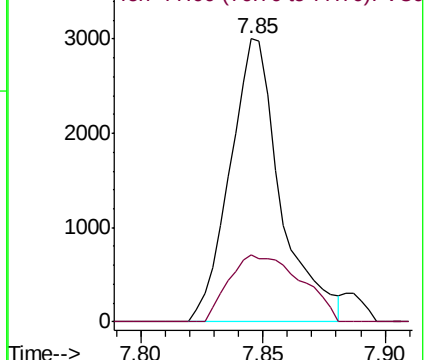
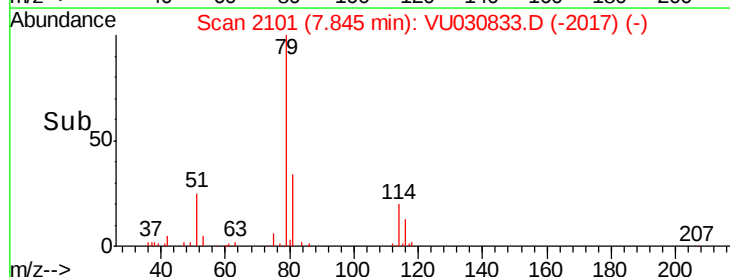
75 100

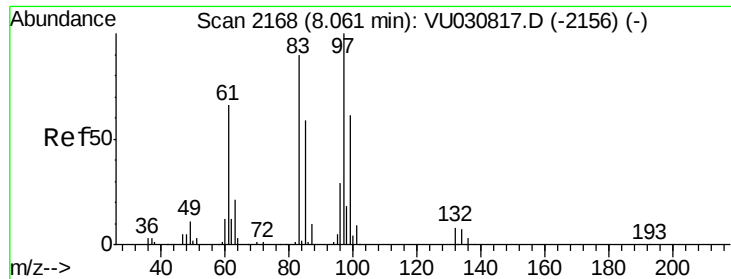
77 23.8 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030833.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU030833.D (-2017) (-)

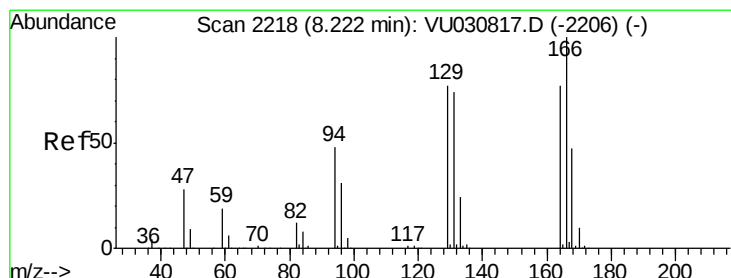
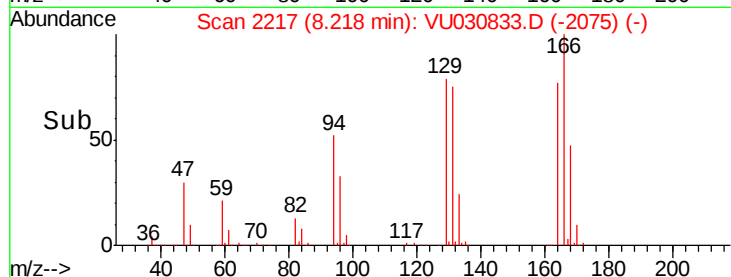
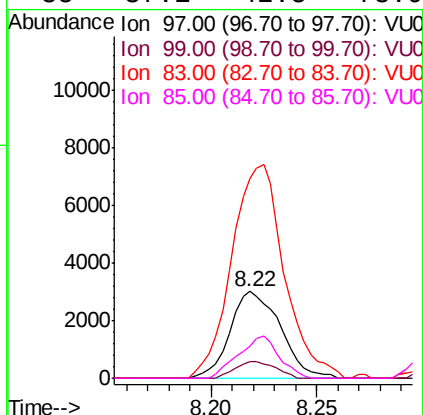
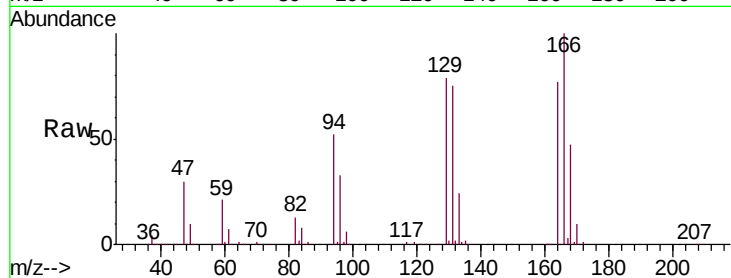




#45
 1,1,2-Trichloroethane
 Concen: 1.377 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.16 min
 Lab File: VU030833.D
 Acq: 07 Apr 2019 04:10

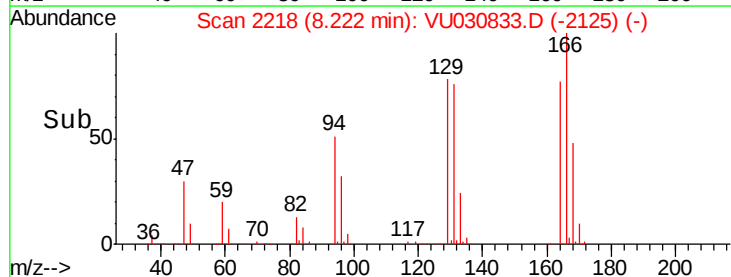
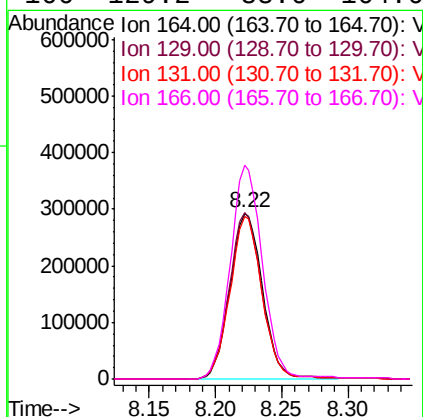
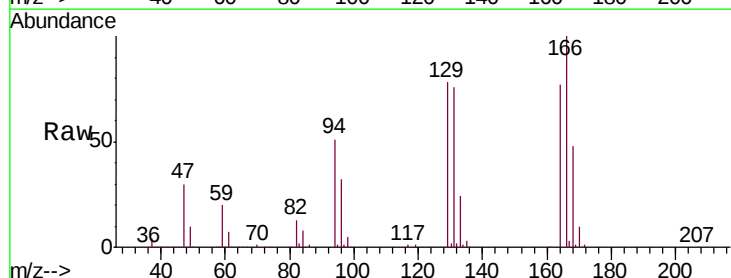
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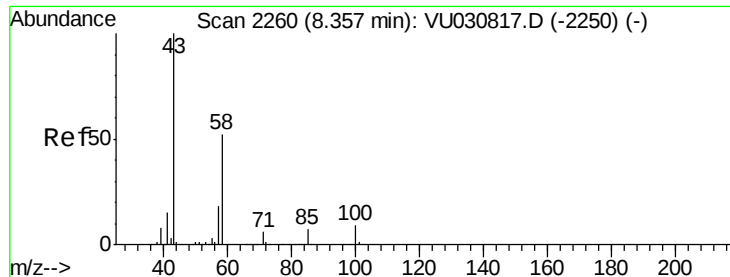
Tgt Ion: 97 Resp: 5009
 Ion Ratio Lower Upper
 97 100
 99 19.2 44.0 81.8#
 83 230.6 65.3 121.3#
 85 37.1 42.5 78.9#



#46
 Tetrachloroethene
 Concen: 185.565 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU030833.D
 Acq: 07 Apr 2019 04:10

Tgt Ion: 164 Resp: 501144
 Ion Ratio Lower Upper
 164 100
 129 100.5 67.4 125.2
 131 98.2 65.9 122.5
 166 129.2 88.6 164.6

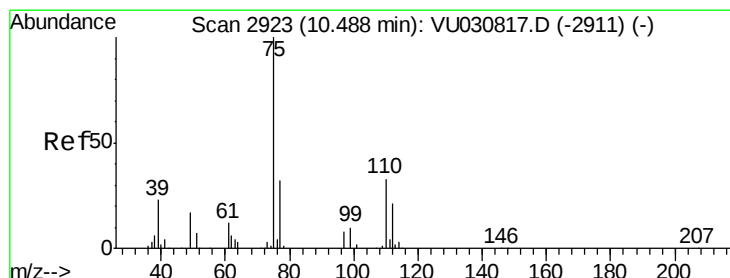
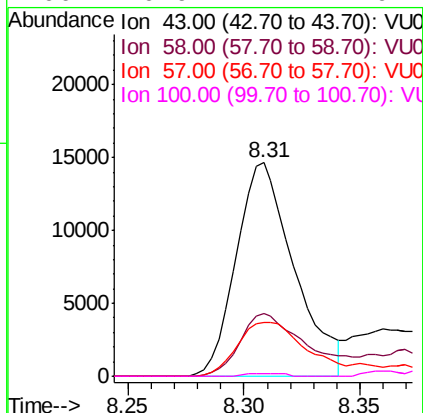
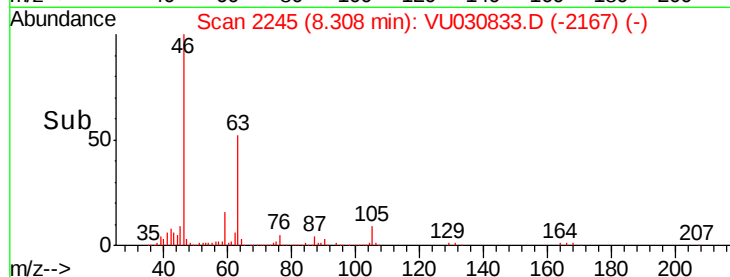
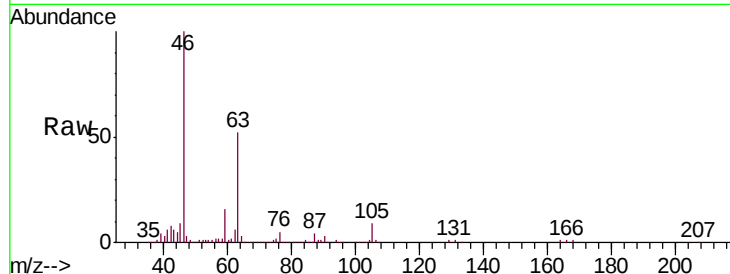




#48
2-Hexanone
Concen: 4.731 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030833.D
Acq: 07 Apr 2019 04:10

Instrument :
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ClientSampleId :
BF1C6

Tgt Ion: 43 Resp: 25452
Ion Ratio Lower Upper
43 100
58 34.0 41.9 62.9#
57 30.0 14.3 21.5#
100 0.9 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 5.177 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030833.D
Acq: 07 Apr 2019 04:10

Tgt Ion: 75 Resp: 26590
Ion Ratio Lower Upper
75 100
77 33.7 26.1 39.1

