

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031251.D
 Acq On : 17 Apr 2019 11:46
 Operator : JC/SP
 Sample : K2409-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC27

Quant Time: Apr 18 05:29:59 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	482702	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190139	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	188429	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.78%
7) Chloroethane-d5	1.68	69	165922	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.98%
11) 1,1-Dichloroethene-d2	2.27	63	315324	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.62%
21) 2-Butanone-d5	4.19	46	291269	89.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	4.64	84	319972	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.31	65	206898	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
32) Benzene-d6	5.34	84	638685	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
36) 1,2-Dichloropropane-d6	6.33	67	214772	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.70%
41) Toluene-d8	7.56	98	566355	44.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.22%
43) trans-1,3-Dichloropropene-	7.85	79	97396	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.31	63	199439	89.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290760	44.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	200962	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%

Target Compounds

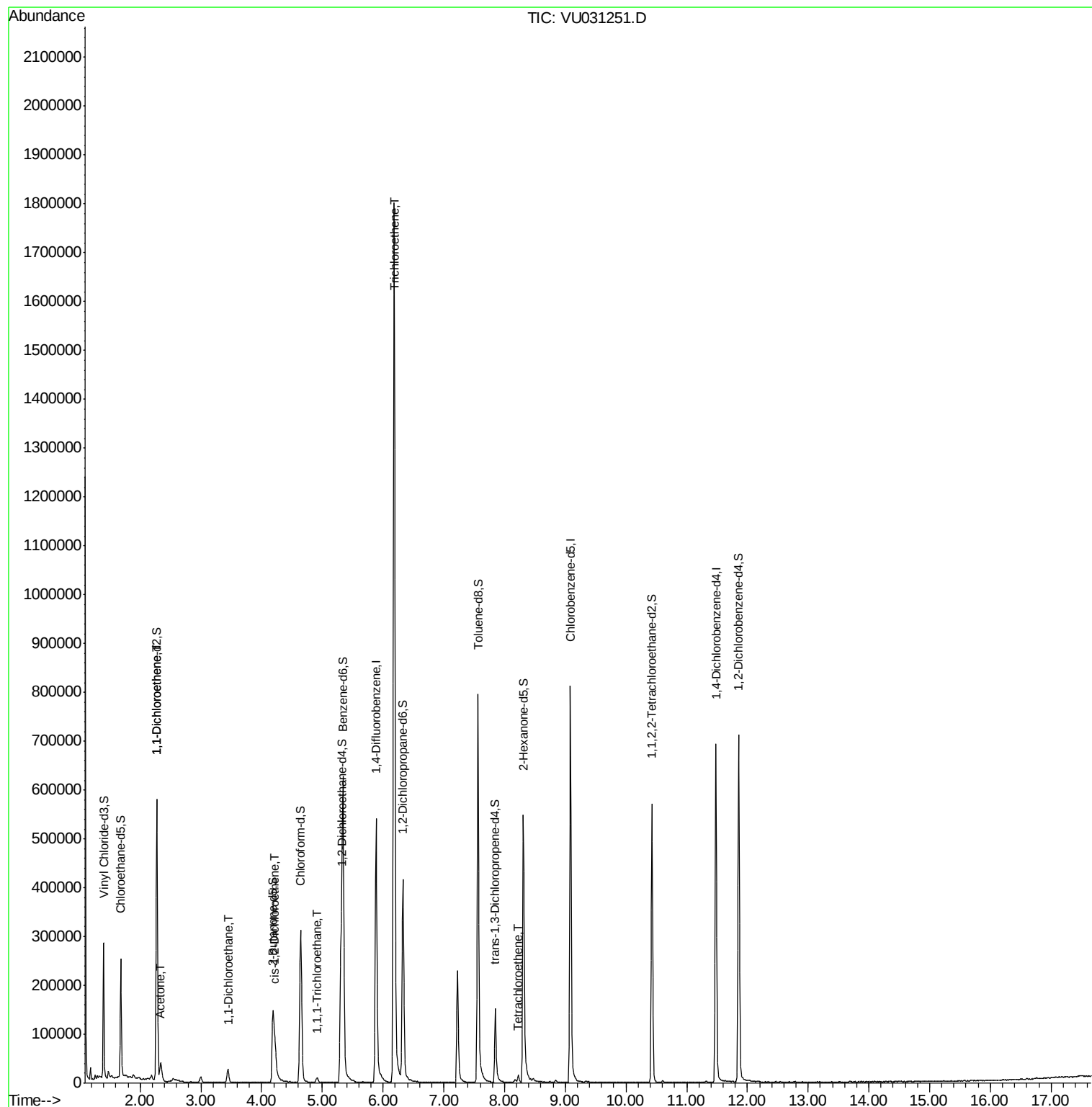
					Ovalue
12) 1,1-Dichloroethene	2.28	96	52300	13.863 ug/L #	22
13) Acetone	2.34	43	53828	21.604 ug/L	96
19) 1,1-Dichloroethane	3.45	63	29741	4.353 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	17793	4.448 ug/L	93
30) 1,1,1-Trichloroethane	4.92	97	7337	1.201 ug/L #	75
34) Trichloroethene	6.18	95	667166	171.769 ug/L	98
46) Tetrachloroethene	8.23	164	3113	1.066 ug/L	88

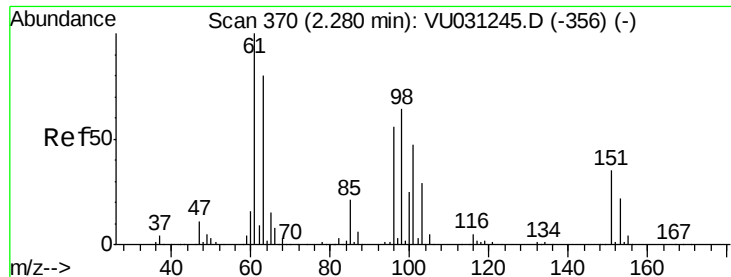
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 13.863 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031251.D

Acq: 17 Apr 2019 11:46

Instrument :

MSVOA_U

ClientSampled :

BFC27

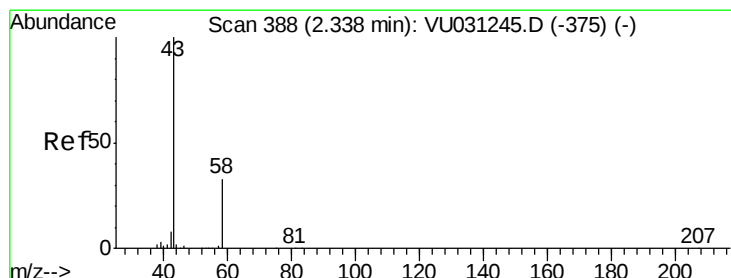
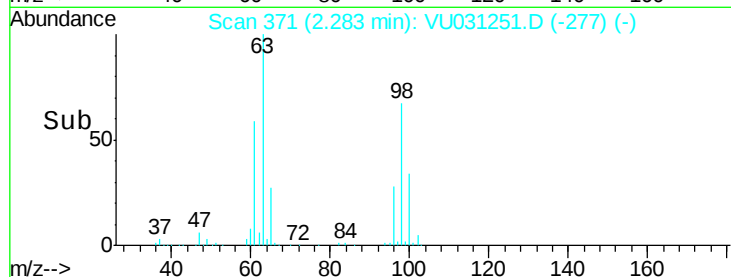
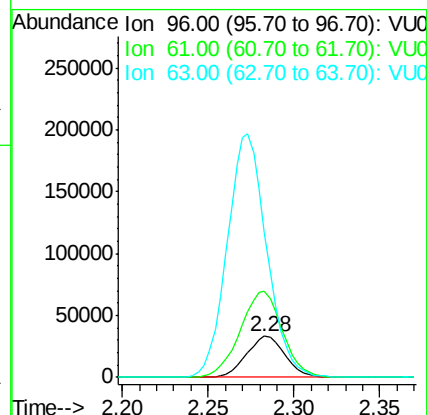
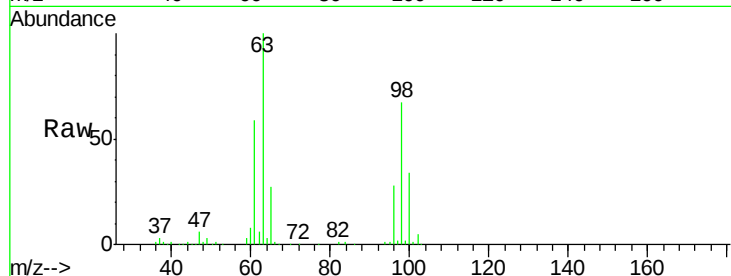
Tot Ion: 96 Resp: 52300

Ion Ratio Lower Upper

96 100

61 208.7 130.4 242.2

63 353.2 108.9 202.3#



#13

Acetone

Concen: 21.604 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031251.D

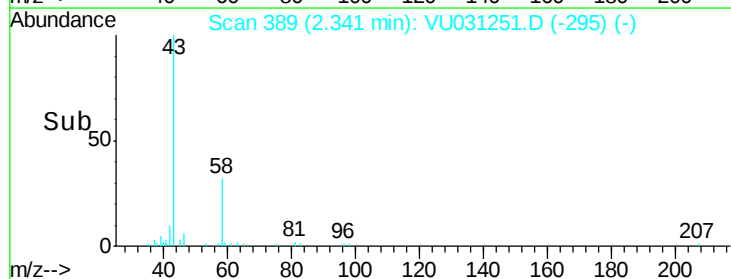
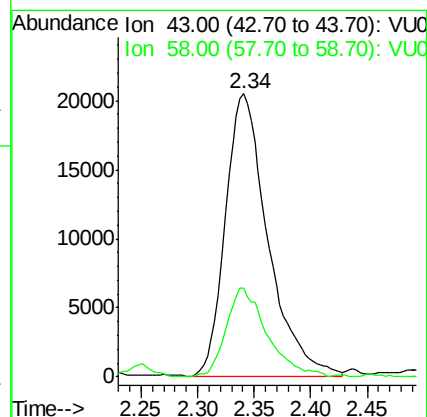
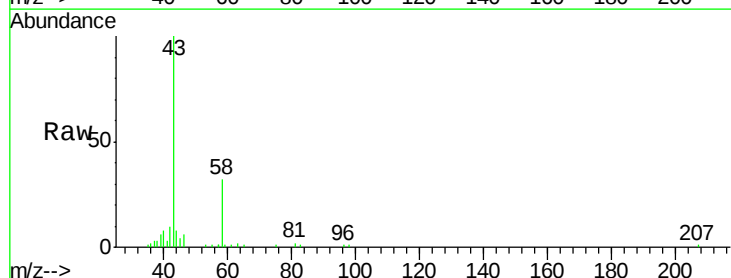
Acq: 17 Apr 2019 11:46

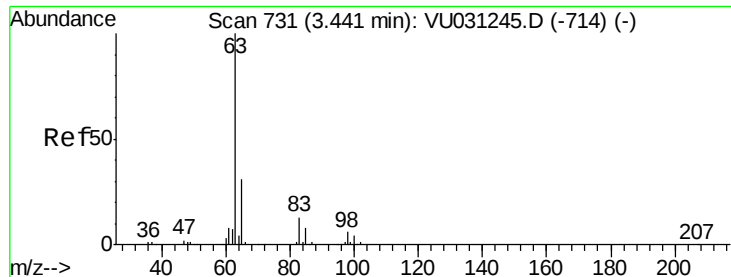
Tgt Ion: 43 Resp: 53828

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.0





#19

1,1-Dichloroethane

Concen: 4.353 ug/L

RT: 3.45 min Scan# 733

Delta R.T. 0.00 min

Lab File: VU031251.D

Acq: 17 Apr 2019 11:46

Instrument :

MSVOA_U

ClientSampleId :

BFC27

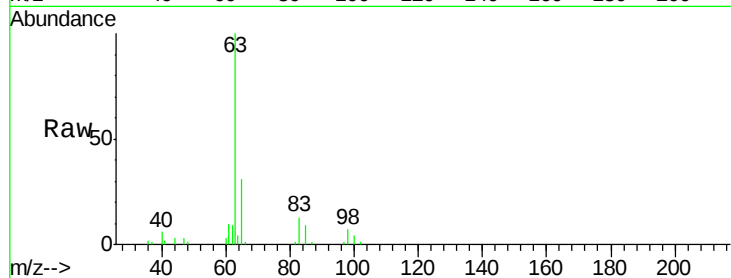
Tot Ion: 63 Resp: 29741

Ion Ratio Lower Upper

63 100

65 31.0 22.8 42.4

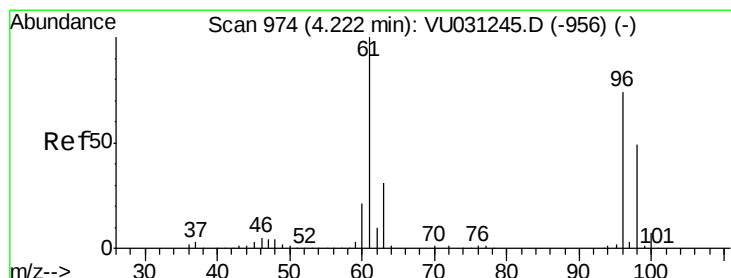
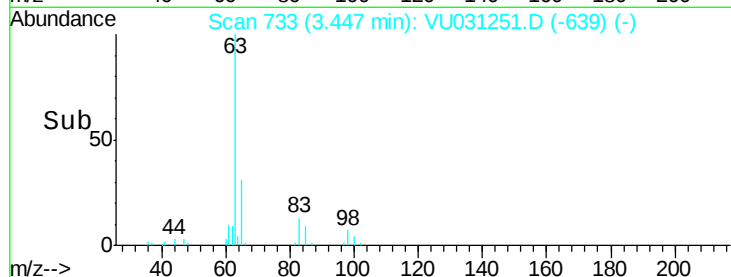
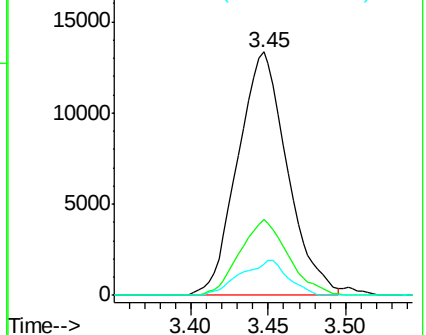
83 12.8 9.7 17.9



Abundance Ion 63.00 (62.70 to 63.70): VU031251.D (-639) (-)

Ion 65.00 (64.70 to 65.70): VU031251.D (-639) (-)

Ion 83.00 (82.70 to 83.70): VU031251.D (-639) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.448 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031251.D

Acq: 17 Apr 2019 11:46

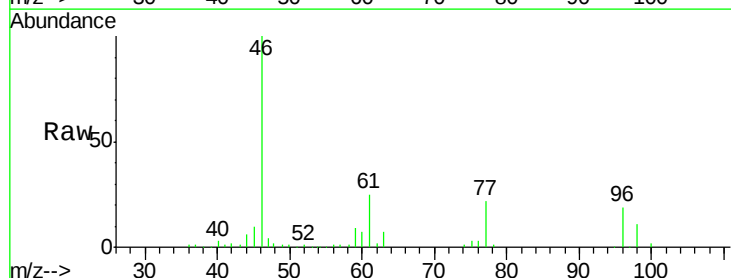
Tgt Ion: 96 Resp: 17793

Ion Ratio Lower Upper

96 100

61 131.9 98.2 182.4

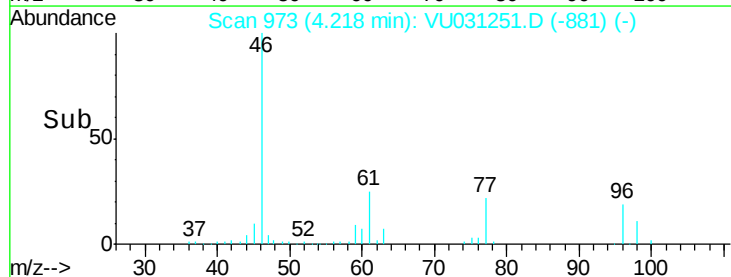
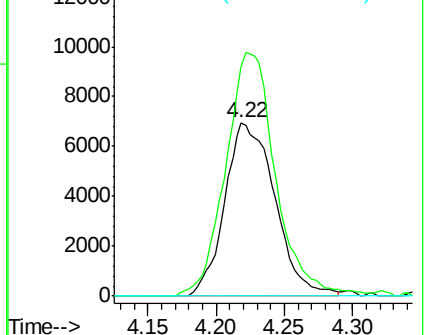
68 0.0 0.0 0.0

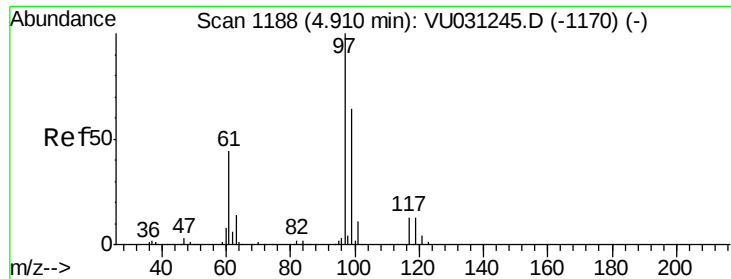


Abundance Ion 96.00 (95.70 to 96.70): VU031251.D (-881) (-)

Ion 61.00 (60.70 to 61.70): VU031251.D (-881) (-)

Ion 68.00 (67.70 to 68.70): VU031251.D (-881) (-)

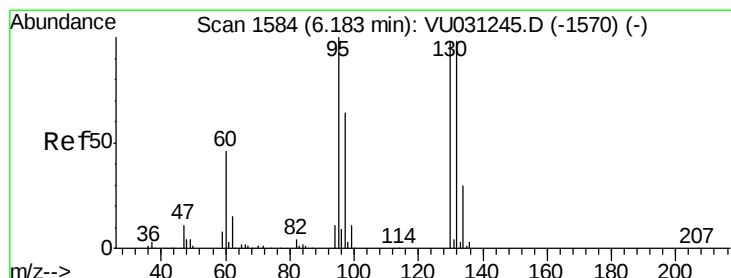
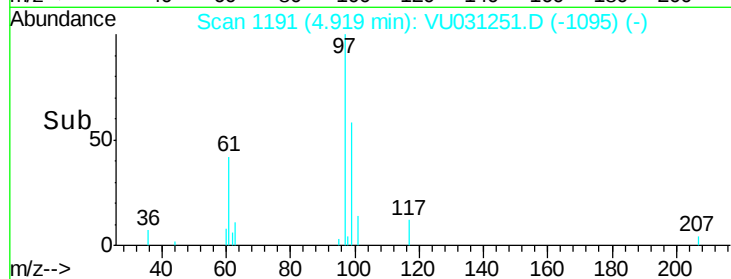
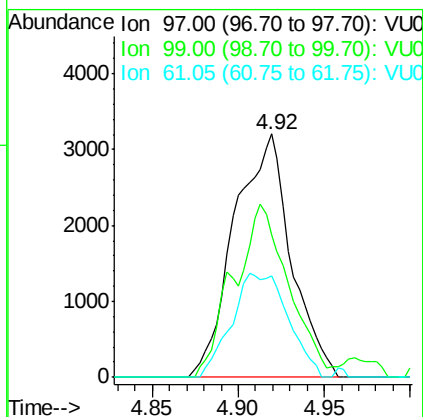
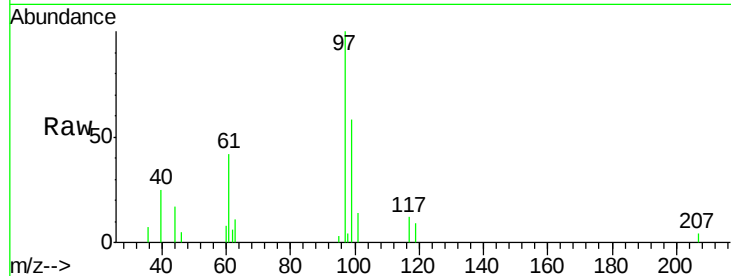




#30
 1,1,1-Trichloroethane
 Concen: 1.201 ug/L
 RT: 4.92 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VU031251.D
 Acq: 17 Apr 2019 11:46

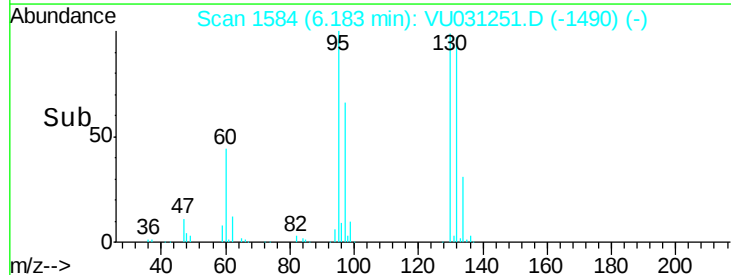
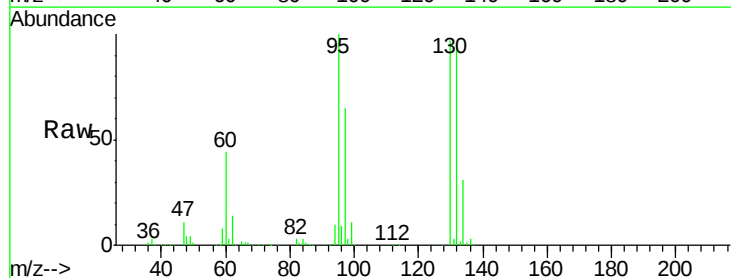
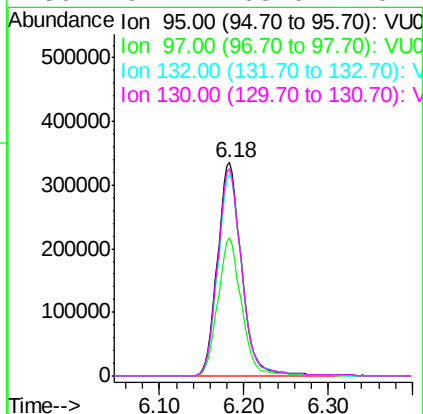
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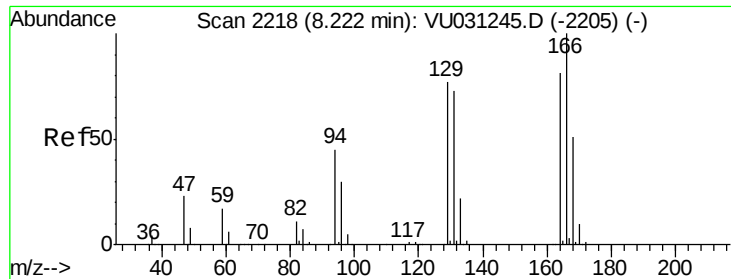
Tot Ion: 97 Resp: 7337
 Ion Ratio Lower Upper
 97 100
 99 48.3 51.4 77.2#
 61 23.0 35.0 52.4#



#34
 Trichloroethene
 Concen: 171.769 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031251.D
 Acq: 17 Apr 2019 11:46

Tgt Ion: 95 Resp: 667166
 Ion Ratio Lower Upper
 95 100
 97 64.7 43.6 81.0
 132 94.6 64.5 119.7
 130 97.2 68.0 126.2

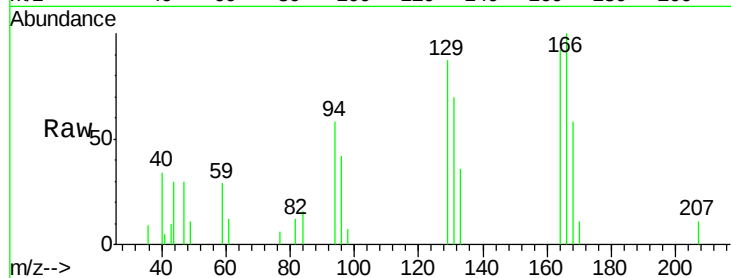




#46
 Tetrachloroethene
 Concen: 1.066 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU031251.D
 Acq: 17 Apr 2019 11:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC27

Tot Ion:164	Resp:	3113
Ion	Ratio	Lower Upper
164	100	
129	94.6	66.5 123.5
131	75.3	62.3 115.7
166	108.2	90.6 168.3



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

