

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011981.D
 Acq On : 23 Jul 2019 22:59
 Operator : SY/MD
 Sample : K3823-20DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52K0DL

Quant Time: Jul 24 08:01:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 24 07:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	103121	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	98801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53520	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32774	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.55	69	23640	5.61	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.12	63	46198	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	3.94	46	106981	68.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.58%#
24) Chloroform-d	4.40	84	65607	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	43204	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.10	84	143908	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	42264	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	127371	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.66	79	16576	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.13	63	93006	72.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.74%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36786	6.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	58843	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

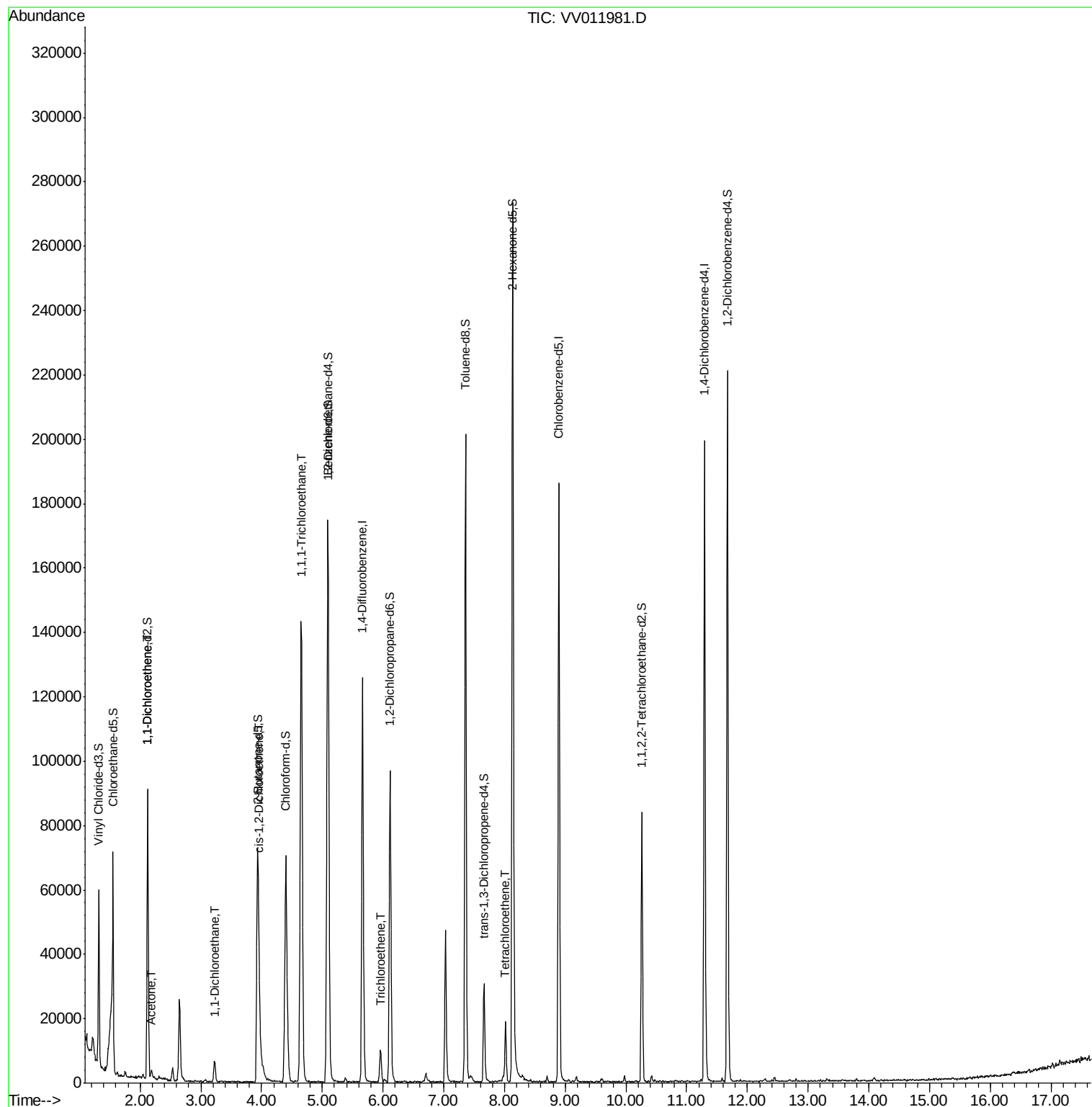
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	2067	0.440	ug/L #	1
13) Acetone	2.19	43	1893	2.242	ug/L	88
19) 1,1-Dichloroethane	3.23	63	6194	0.480	ug/L #	96
22) cis-1,2-Dichloroethene	3.96	96	5442	0.693	ug/L	94
29) 1,1,1-Trichloroethane	4.65	97	112780	8.919	ug/L	99
34) Trichloroethene	5.96	95	3003	0.372	ug/L	92
47) Tetrachloroethene	8.02	164	3757	0.539	ug/L	86

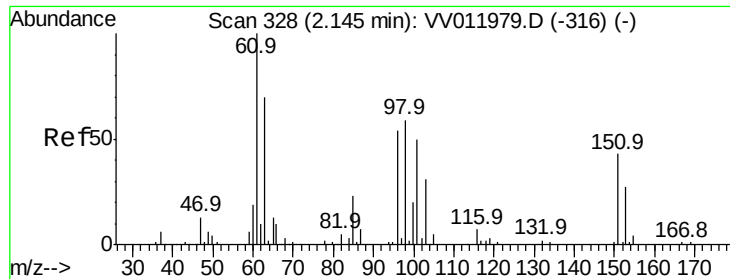
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.440 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV011981.D

Acq: 23 Jul 2019 22:59

Instrument :

MSVOA_V

ClientSampleId :

A52K0DL

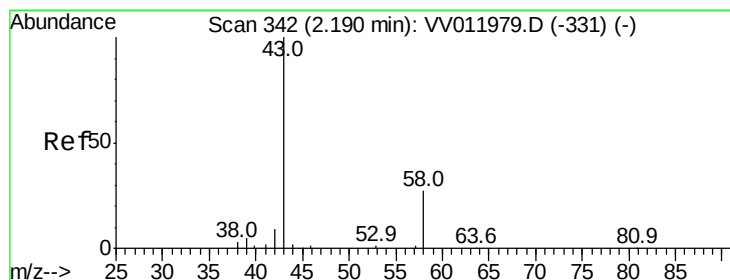
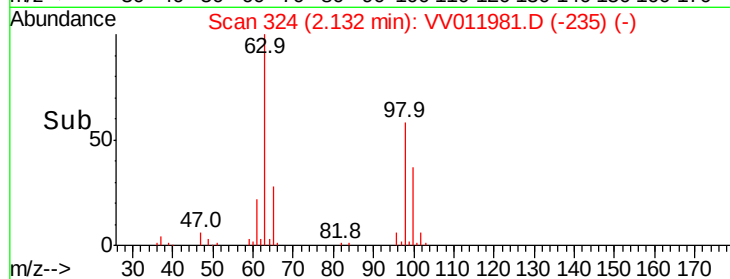
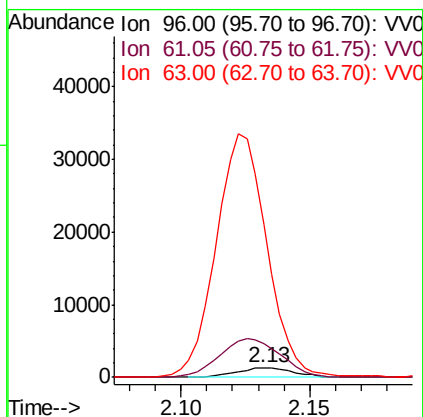
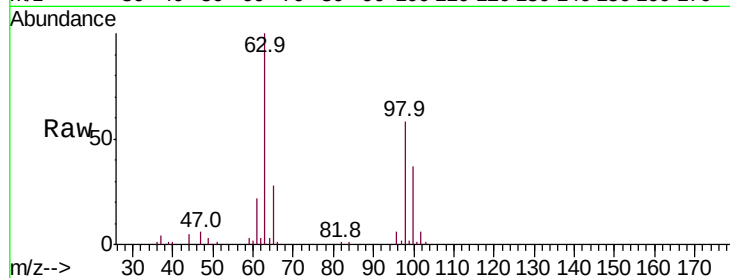
Tot Ion: 96 Resp: 2067

Ion Ratio Lower Upper

96 100

61 345.9 132.7 246.5#

63 1566.0 104.0 193.1#



#13

Acetone

Concen: 2.242 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011981.D

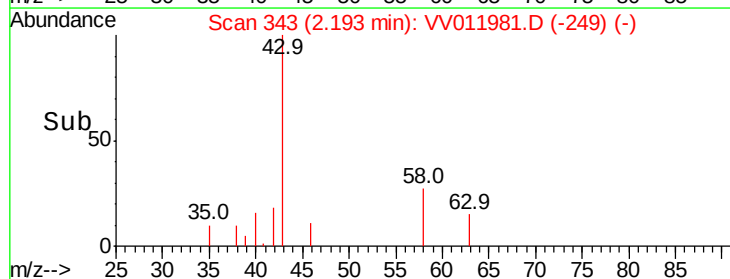
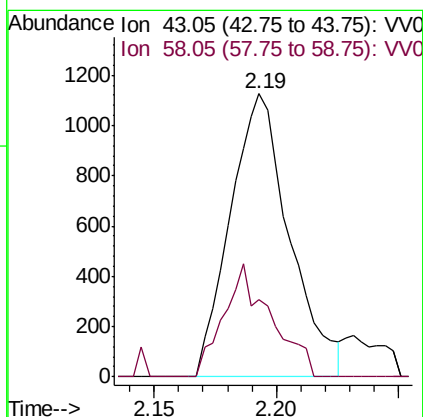
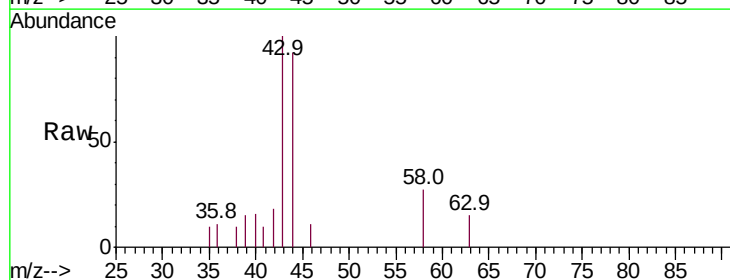
Acq: 23 Jul 2019 22:59

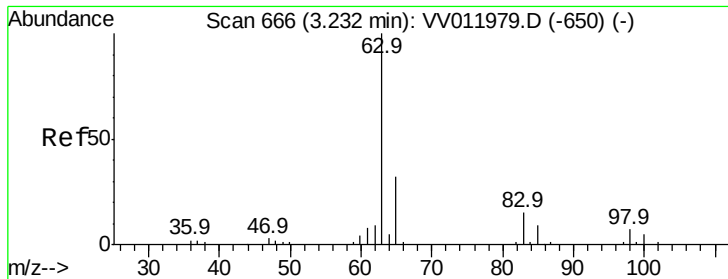
Tgt Ion: 43 Resp: 1893

Ion Ratio Lower Upper

43 100

58 32.2 0.0 51.8

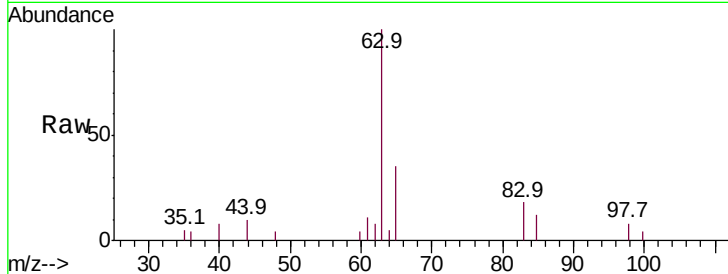




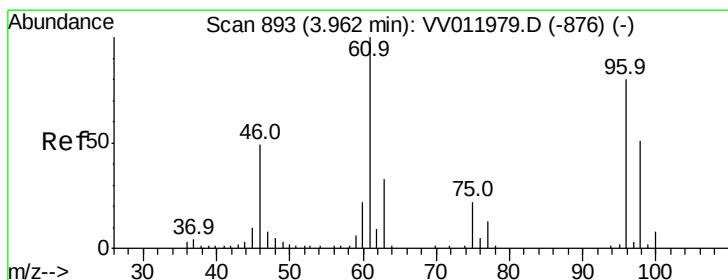
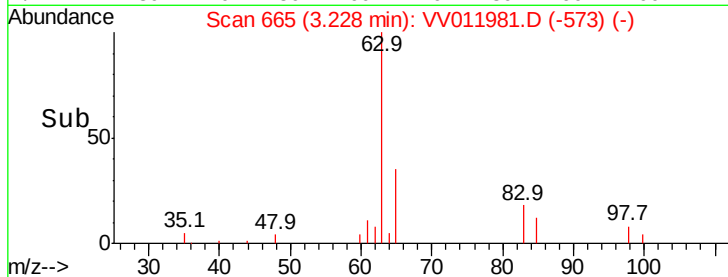
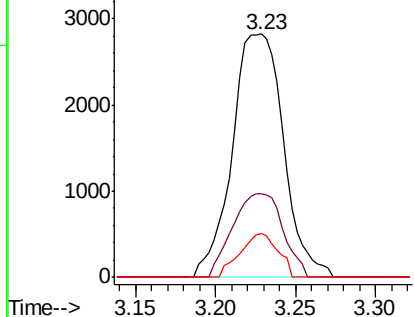
#19
 1,1-Dichloroethane
 Concen: 0.480 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV011981.D
 Acq: 23 Jul 2019 22:59

Instrument :
 MSVOA_V
 ClientSampleId :
 A52K0DL

Tot Ion: 63 Resp: 6194
 Ion Ratio Lower Upper
 63 100
 65 34.6 23.5 43.7
 83 18.3 9.7 18.1#

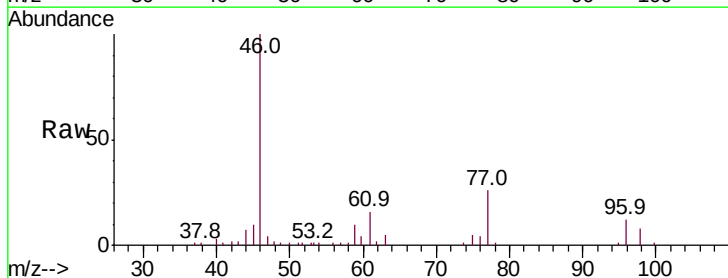


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

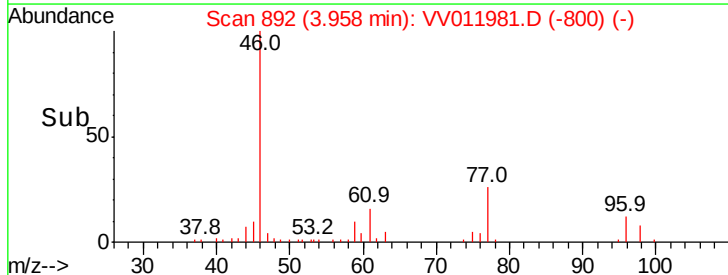
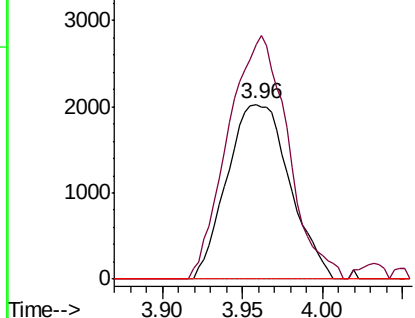


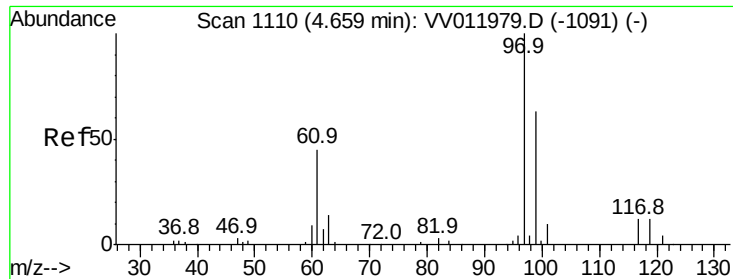
#22
 cis-1,2-Dichloroethene
 Concen: 0.693 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV011981.D
 Acq: 23 Jul 2019 22:59

Tgt Ion: 96 Resp: 5442
 Ion Ratio Lower Upper
 96 100
 61 133.8 89.0 165.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

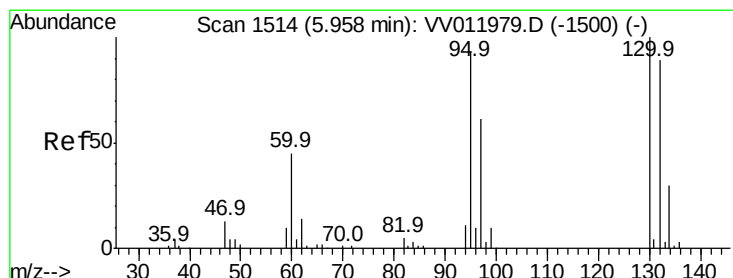
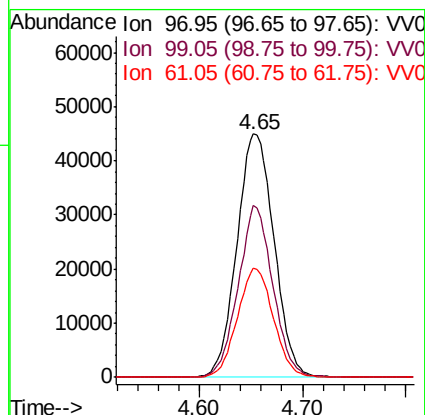
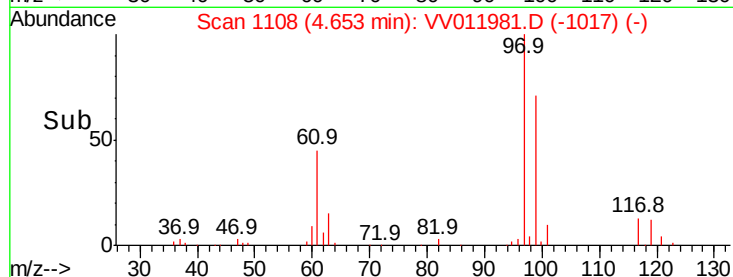
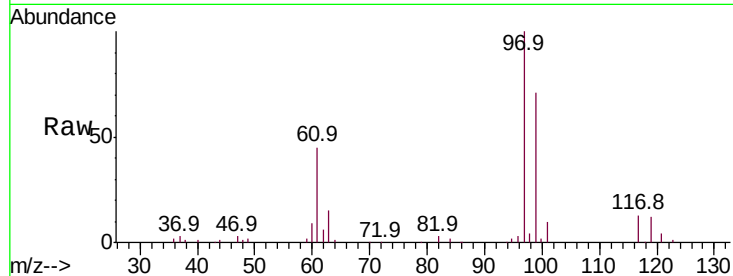




#29
1,1,1-Trichloroethane
Concen: 8.919 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VV011981.D
Acq: 23 Jul 2019 22:59

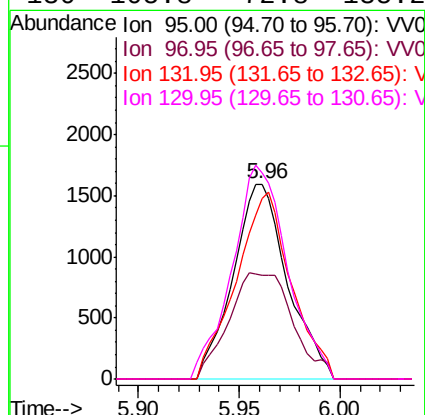
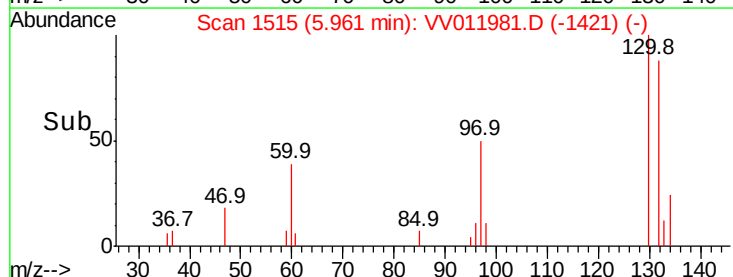
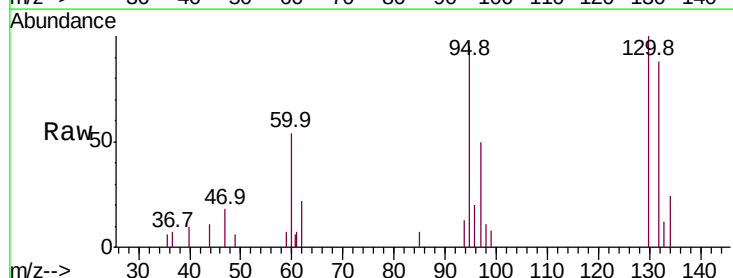
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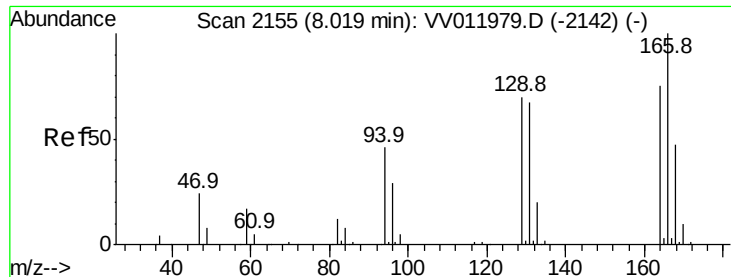
Tot Ion: 97 Resp: 112780
Ion Ratio Lower Upper
97 100
99 65.6 51.7 77.5
61 43.5 35.1 52.7



#34
Trichloroethene
Concen: 0.372 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011981.D
Acq: 23 Jul 2019 22:59

Tgt Ion: 95 Resp: 3003
Ion Ratio Lower Upper
95 100
97 52.9 45.6 84.6
132 92.6 71.3 132.3
130 105.8 72.8 135.2





#47

Tetrachloroethene

Concen: 0.539 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011981.D

Acq: 23 Jul 2019 22:59

Instrument :

MSVOA_V

ClientSampleId :

A52K0DL

Tot Ion:164 Resp: 3757

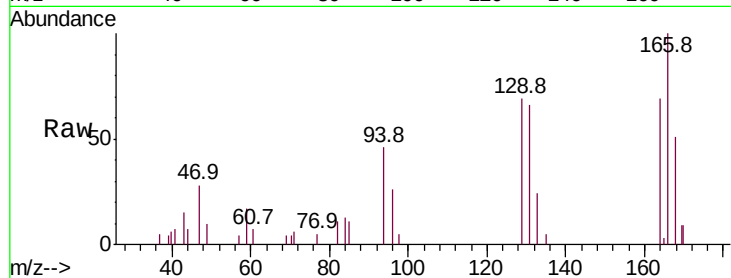
Ion Ratio Lower Upper

164 100

129 100.1 62.5 116.1

131 96.1 58.6 108.8

166 144.8 88.2 163.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

