

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004899.D
 Acq On : 23 Aug 2018 16:11
 Operator : SY/AP
 Sample : J4624-01
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:02:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	836237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	775783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	364190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	336227	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.08%
7) Chloroethane-d5	2.89	69	254070	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.72%
10) 1,1-Dichloroethene-d2	4.03	63	346167	17.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.60%
20) 2-Butanone-d5	7.09	46	76732	23.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.70%
24) Chloroform-d	7.65	84	416557	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	200781	19.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.60%
29) Benzene-d6	8.28	84	1089813	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.28	67	308340	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.33	98	1064814	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.76%
38) trans-1,3-Dichloropropene-	10.59	79	113797	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.24%
39) 2-Hexanone-d5	10.93	63	81953	28.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.42%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	195078	16.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	369696	25.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.08%

Target Compounds

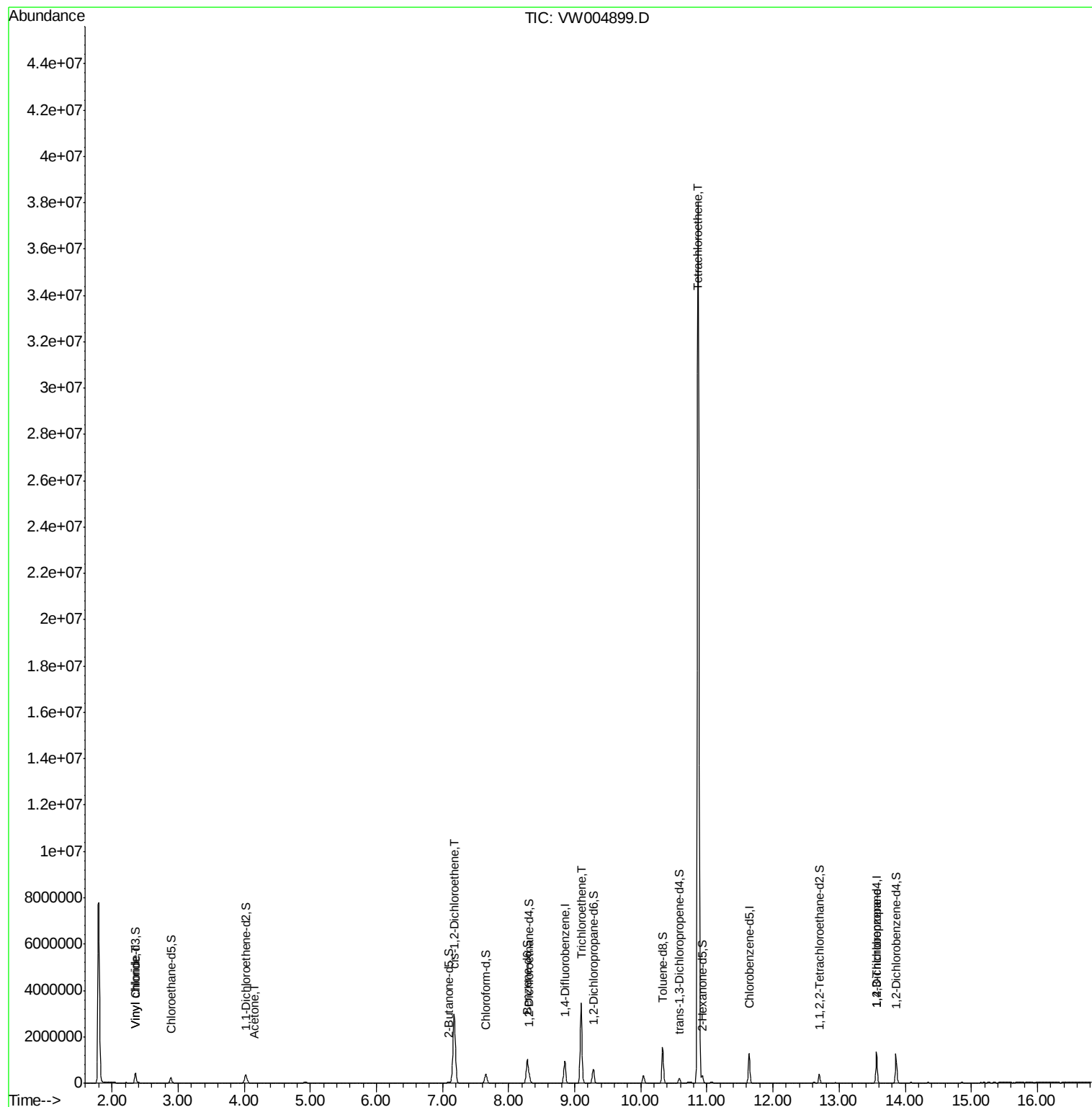
					Ovalue
5) Vinyl chloride	2.36	62	104413	5.783	ug/L 94
13) Acetone	4.15	43	5634	2.261	ug/L 71
22) cis-1,2-Dichloroethene	7.18	96	1886198	172.418	ug/L 97
35) Trichloroethene	9.10	95	1256295	114.218	ug/L 99
47) Tetrachloroethene	10.87	164	9181391	852.641	ug/L 98
59) 1,2,3-Trichloropropane	13.57	75	39845	4.272	ug/L 89

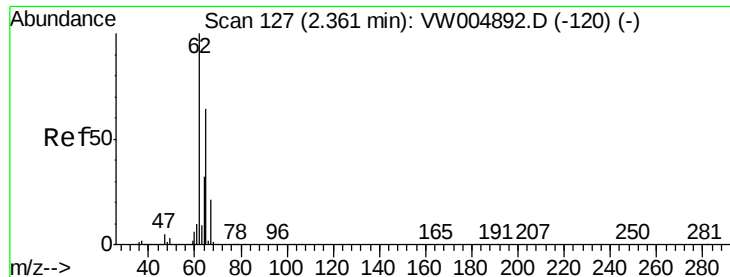
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.783 ug/L

RT: 2.36 min Scan# 127

Delta R.T. 0.00 min

Lab File: VW004899.D

Acq: 23 Aug 2018 16:11

Instrument :

MSVOA_W

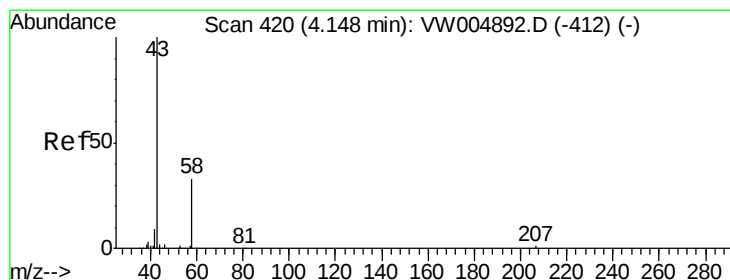
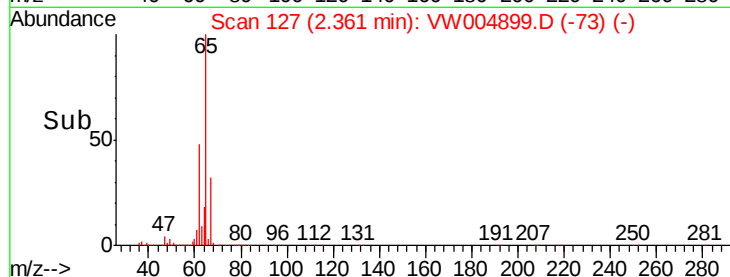
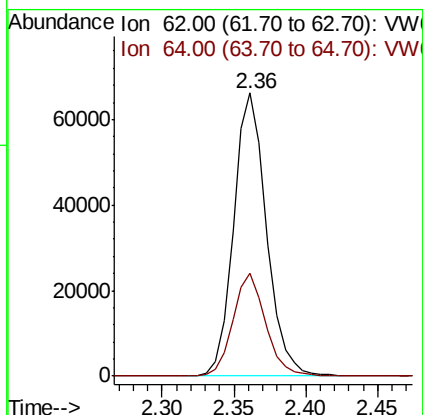
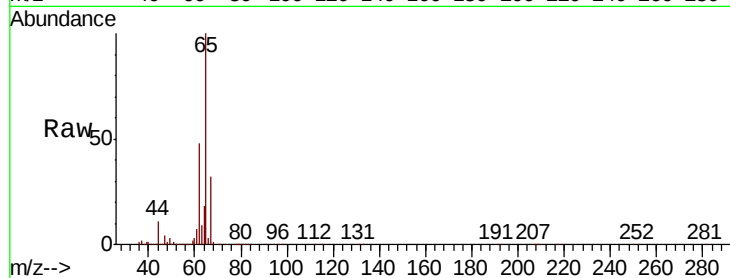
ClientSampled :

Tot Ion: 62 Resp: 104413

Ion Ratio Lower Upper

62 100

64 36.6 23.3 43.3



#13

Acetone

Concen: 2.261 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004899.D

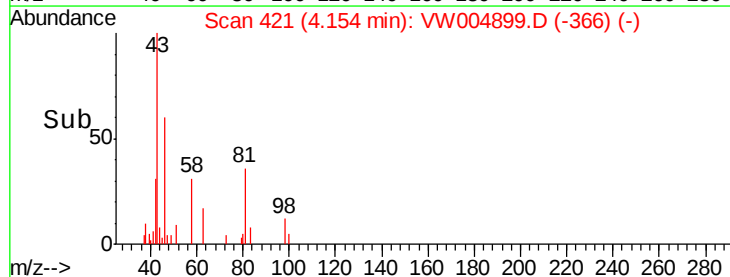
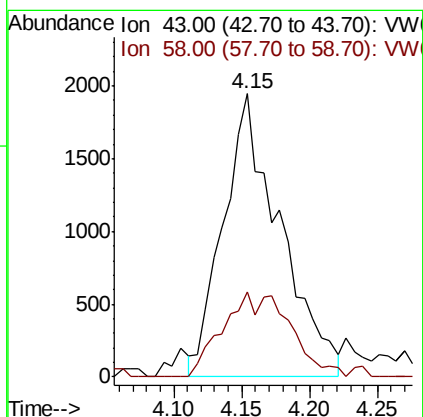
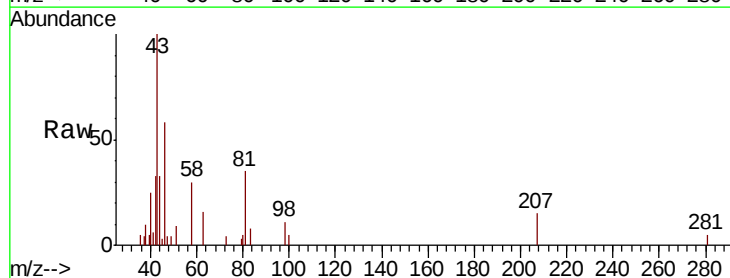
Acq: 23 Aug 2018 16:11

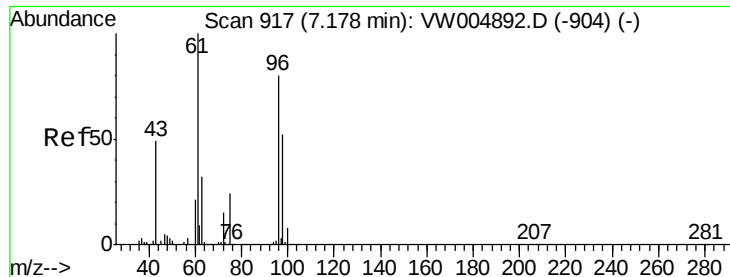
Tgt Ion: 43 Resp: 5634

Ion Ratio Lower Upper

43 100

58 17.9 0.0 69.4



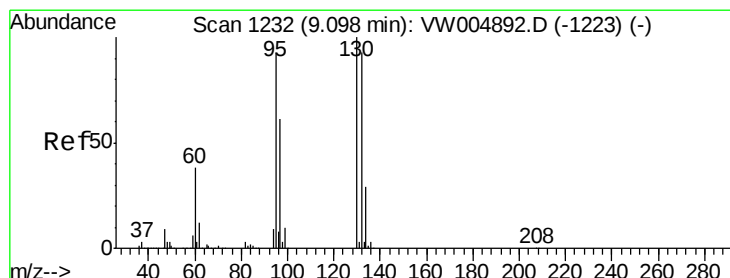
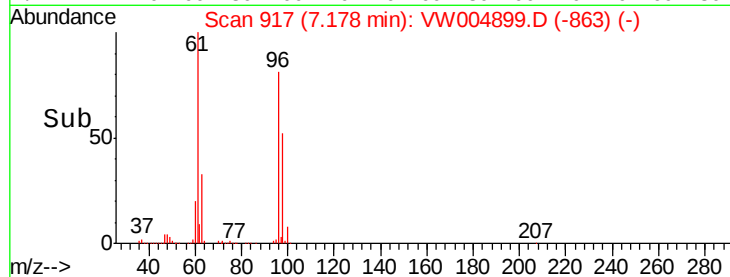
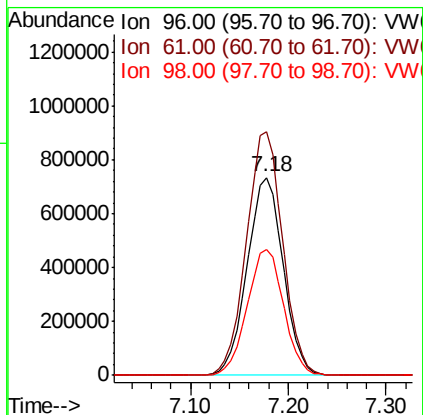
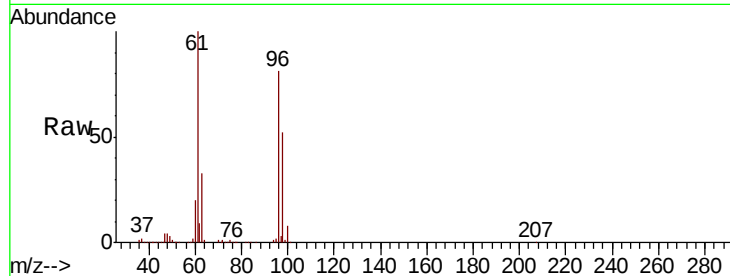


#22

cis-1,2-Dichloroethene
 Concen: 172.418 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW004899.D
 Acq: 23 Aug 2018 16:11

Instrument :
 MSVOA_W
 ClientSampleId :

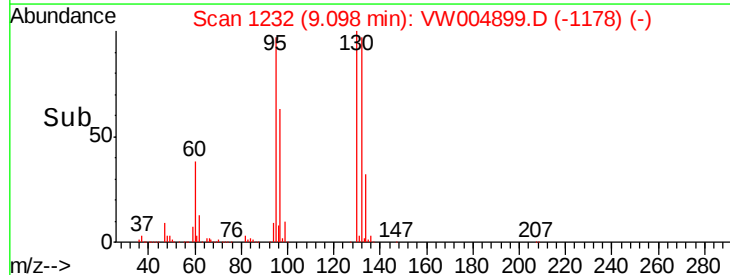
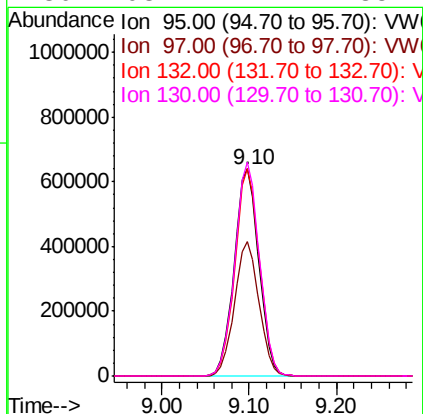
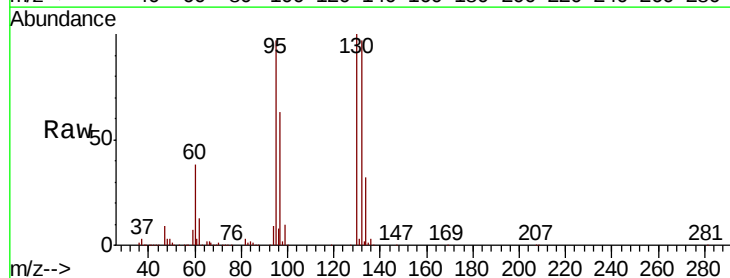
Tot Ion: 96 Resp: 1886198
 Ion Ratio Lower Upper
 96 100
 61 123.2 89.7 166.7
 98 63.7 45.0 83.6

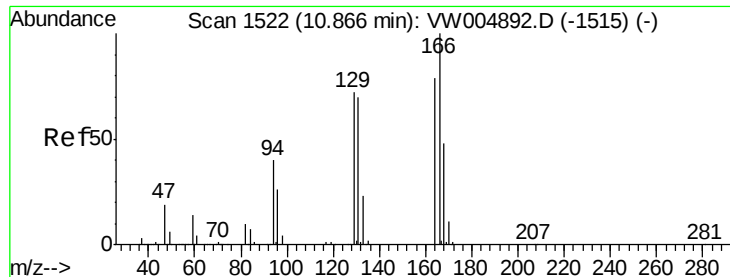


#35

Trichloroethene
 Concen: 114.218 ug/L
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW004899.D
 Acq: 23 Aug 2018 16:11

Tgt Ion: 95 Resp: 1256295
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.9 85.3
 132 99.5 69.2 128.4
 130 103.1 72.7 135.1





#47

Tetrachloroethene

Concen: 852.641 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004899.D

Acq: 23 Aug 2018 16:11

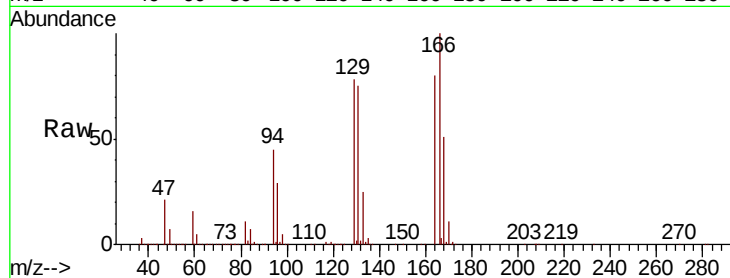
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 9181391

Ion	Ratio	Lower	Upper
164	100		
129	96.5	66.8	124.0
131	93.0	64.0	119.0
166	124.4	89.8	166.8

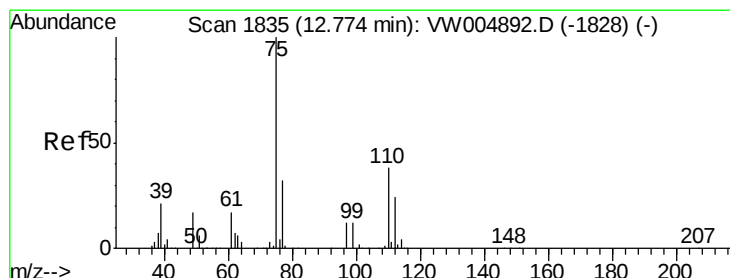
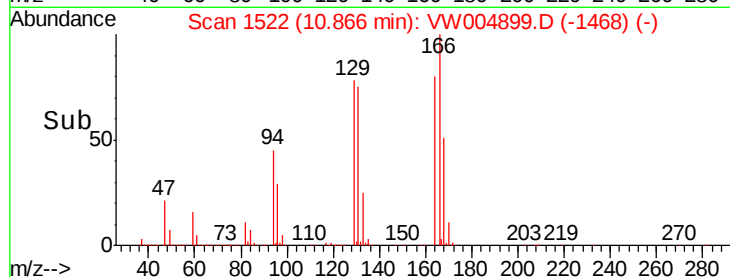


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 4.272 ug/L

RT: 13.57 min Scan# 1965

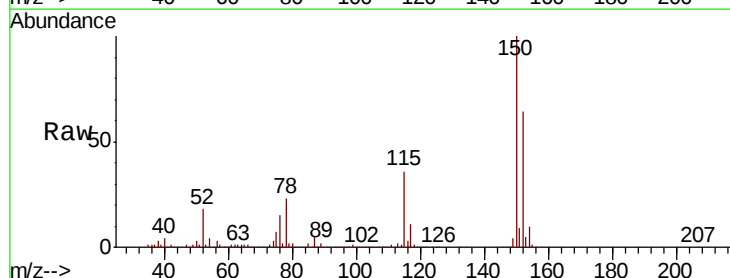
Delta R.T. 0.79 min

Lab File: VW004899.D

Acq: 23 Aug 2018 16:11

Tgt Ion: 75 Resp: 39845

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.3	37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

