

Data File : VW009226.D
Acq On : 18 Mar 2019 13:24
Operator : SY/VA
Sample : K1949-07
Misc : 5.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0Y8

Quant Time: Mar 18 13:50:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 11:10:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362810	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333463	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119410	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.16%
7) Chloroethane-d5	2.90	69	108857	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
10) 1,1-Dichloroethene-d2	4.02	63	177821	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.92%
20) 2-Butanone-d5	7.07	46	74625	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
24) Chloroform-d	7.64	84	238342	24.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	8.31	65	141833	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.12%
29) Benzene-d6	8.27	84	450822	24.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.04%
33) 1,2-Dichloropropane-d6	9.27	67	138430	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	10.32	98	396224	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.20%
38) trans-1,3-Dichloropropene-	10.58	79	60434	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.16%
39) 2-Hexanone-d5	10.93	63	55137	41.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118694	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	131608	24.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.84%

Target Compounds

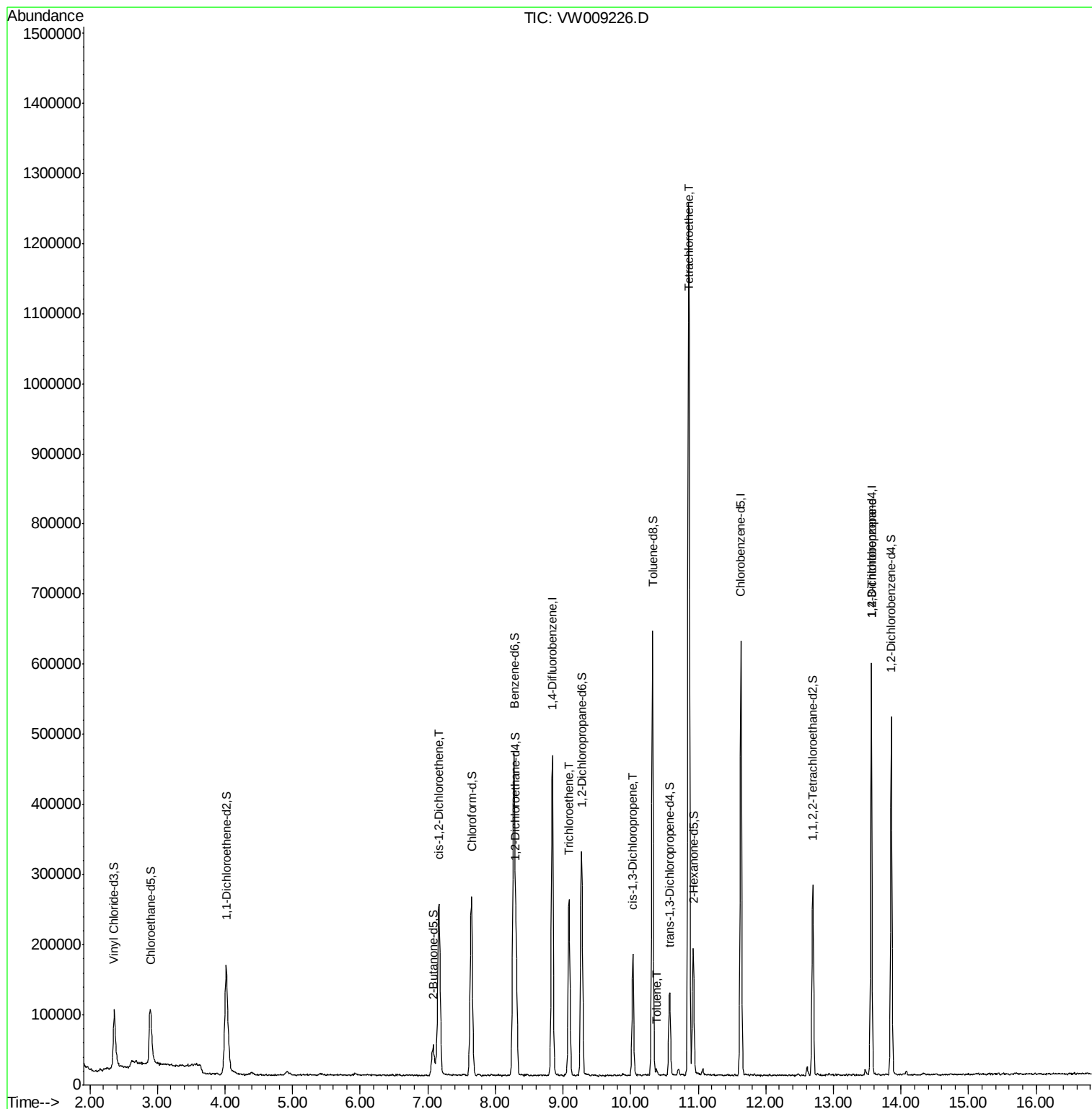
						Qvalue
22) cis-1,2-Dichloroethene	7.16	96	131336	25.811	ug/L	99
35) Trichloroethene	9.09	95	79525	16.352	ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	5290	0.693	ug/L	99
44) Toluene	10.39	91	5555	0.278	ug/L	97
47) Tetrachloroethene	10.86	164	257671	62.704	ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	18442	4.930	ug/L	89

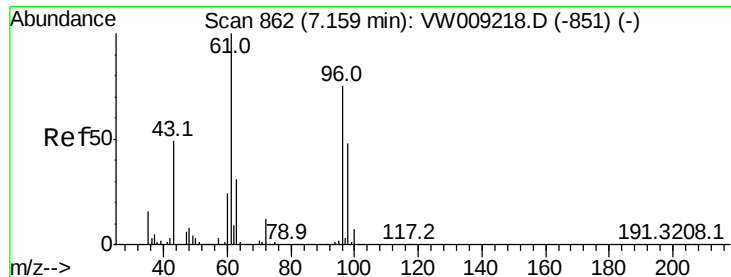
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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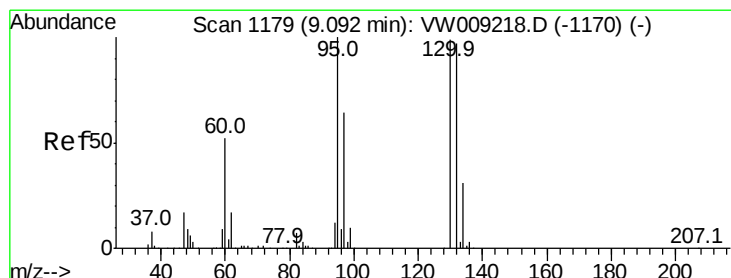
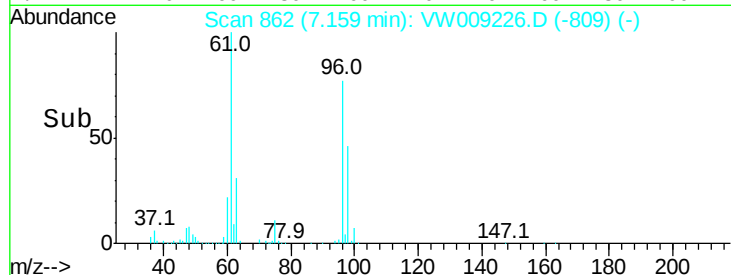
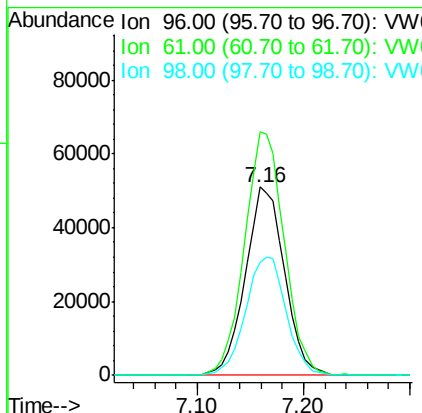
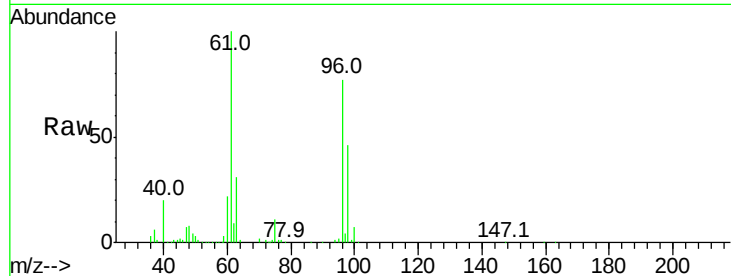


#22

cis-1,2-Dichloroethene
Concen: 25.811 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009226.D
Acq: 18 Mar 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
BF0Y8

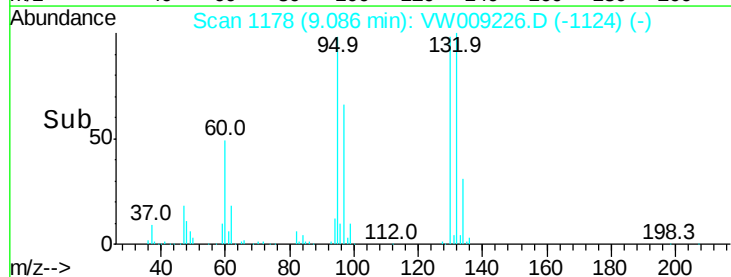
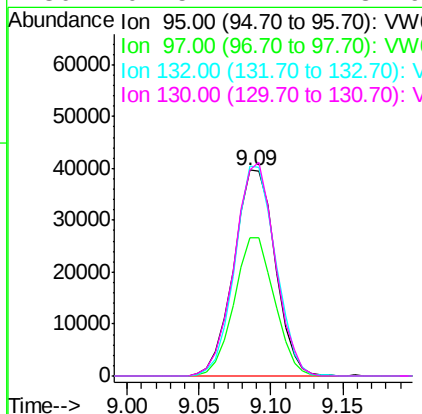
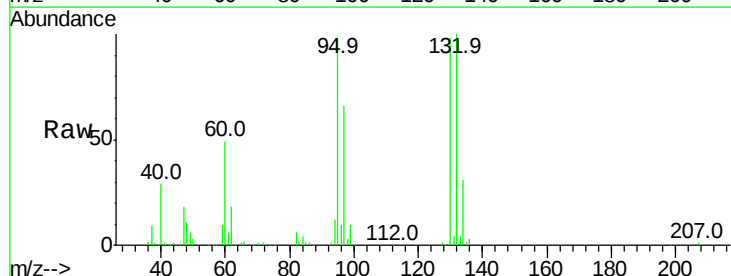
Tgt Ion: 96 Resp: 131336
Ion Ratio Lower Upper
96 100
61 129.4 90.6 168.3
98 60.1 44.0 81.8

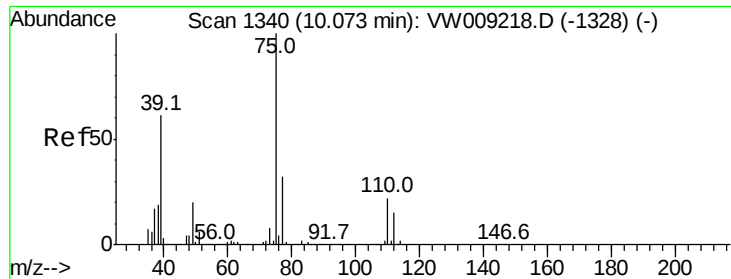


#35

Trichloroethene
Concen: 16.352 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009226.D
Acq: 18 Mar 2019 13:24

Tgt Ion: 95 Resp: 79525
Ion Ratio Lower Upper
95 100
97 65.5 44.7 82.9
132 99.8 69.0 128.2
130 101.5 72.7 134.9

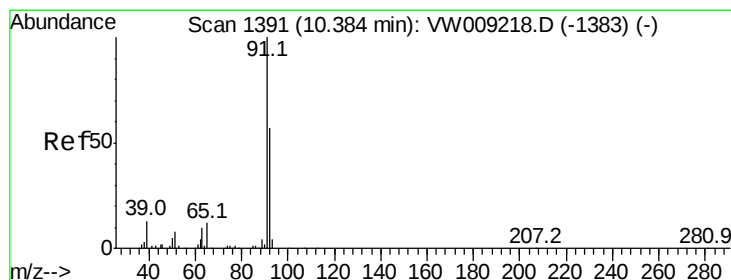
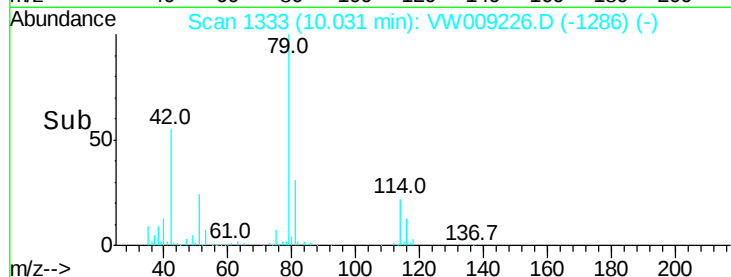
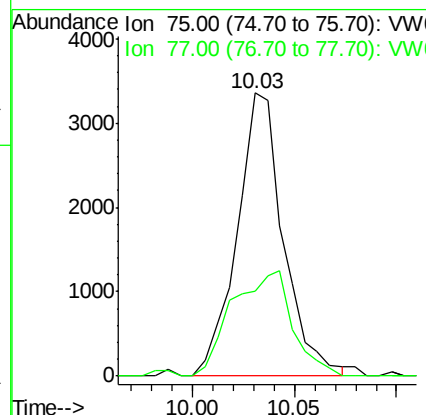
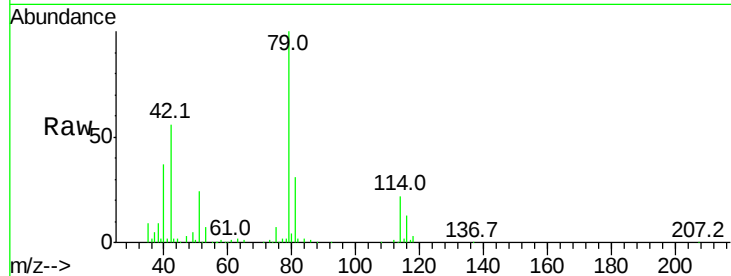




#42
 cis-1,3-Dichloropropene
 Concen: 0.693 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009226.D
 Acq: 18 Mar 2019 13:24

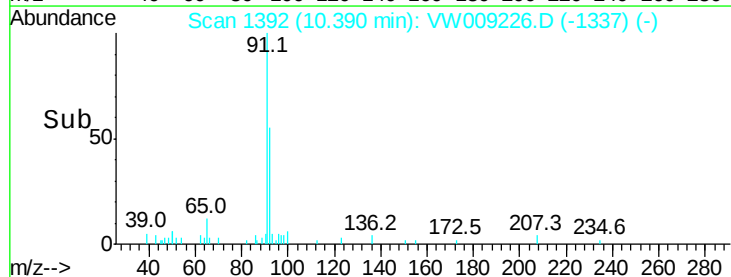
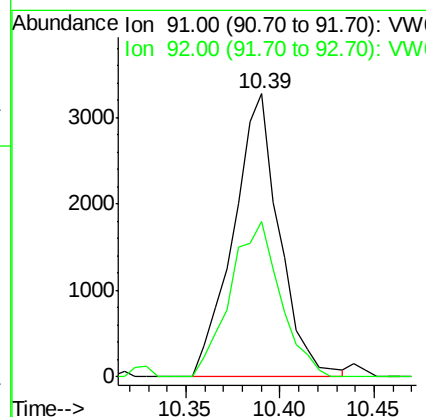
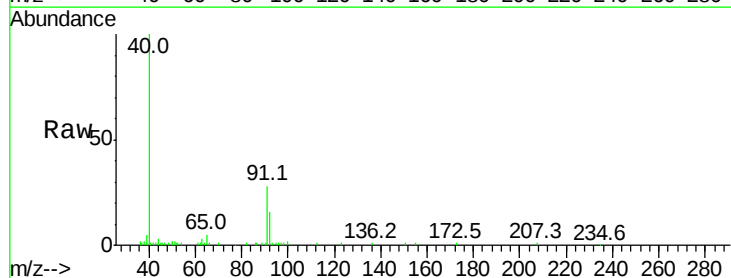
Instrument :
 MSVOA_W
 ClientSampled :
 BF0Y8

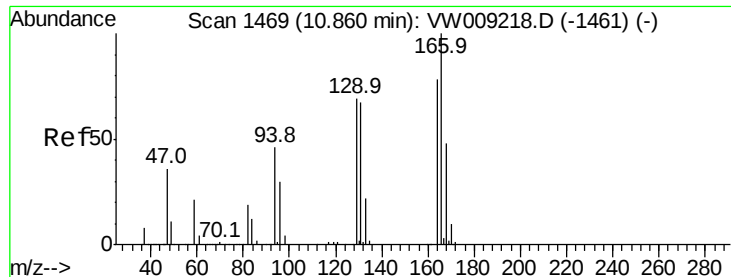
Tgt Ion: 75 Resp: 5290
 Ion Ratio Lower Upper
 75 100
 77 30.1 21.6 40.2



#44
 Toluene
 Concen: 0.278 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW009226.D
 Acq: 18 Mar 2019 13:24

Tgt Ion: 91 Resp: 5555
 Ion Ratio Lower Upper
 91 100
 92 54.9 39.8 73.8





#47

Tetrachloroethene

Concen: 62.704 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009226.D

Acq: 18 Mar 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

BF0Y8

Tgt Ion:164 Resp: 257671

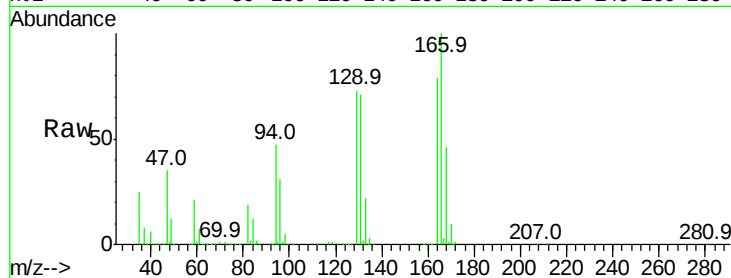
Ion Ratio Lower Upper

164 100

129 92.0 66.5 123.5

131 90.3 62.6 116.3

166 126.3 91.6 170.0

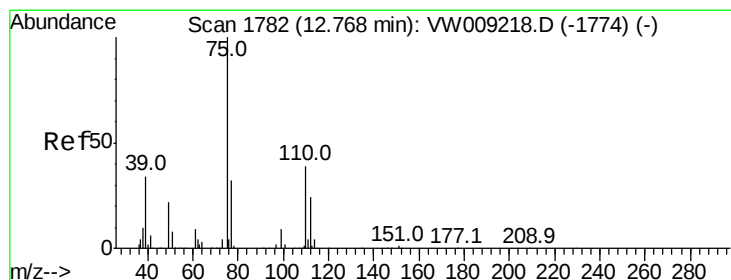
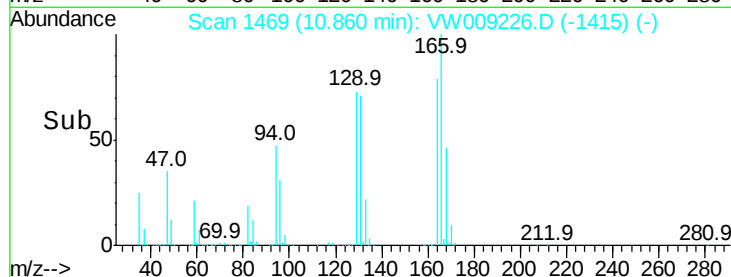
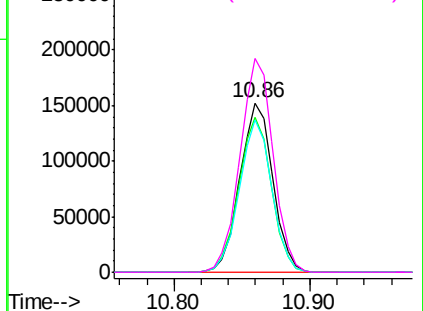


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.930 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009226.D

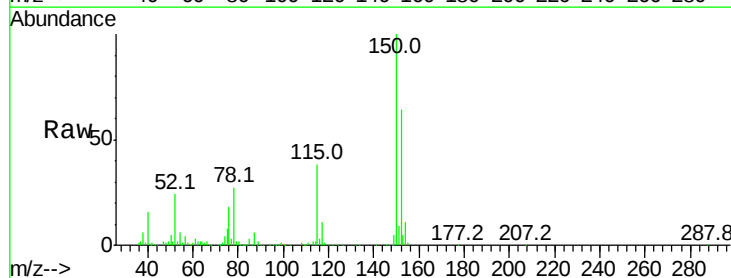
Acq: 18 Mar 2019 13:24

Tgt Ion: 75 Resp: 18442

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

