

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003547.D
 Acq On : 25 Jun 2018 14:37
 Operator : SY/AP
 Sample : J3621-15
 Misc : 7.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ77

Quant Time: Jun 26 03:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	220022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	216010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	91369	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48262	16.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.68%
7) Chloroethane-d5	2.89	69	45541	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.16%
10) 1,1-Dichloroethene-d2	4.01	63	80397	13.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.28%
20) 2-Butanone-d5	7.09	46	62790	66.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.56%
24) Chloroform-d	7.65	84	144129	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	8.31	65	97032	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.84%
29) Benzene-d6	8.28	84	249571	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.28	67	91824	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.33	98	226739	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	10.58	79	36626	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	37673	50.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.60%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	94362	27.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.84%
61) 1,2-Dichlorobenzene-d4	13.87	152	89219	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

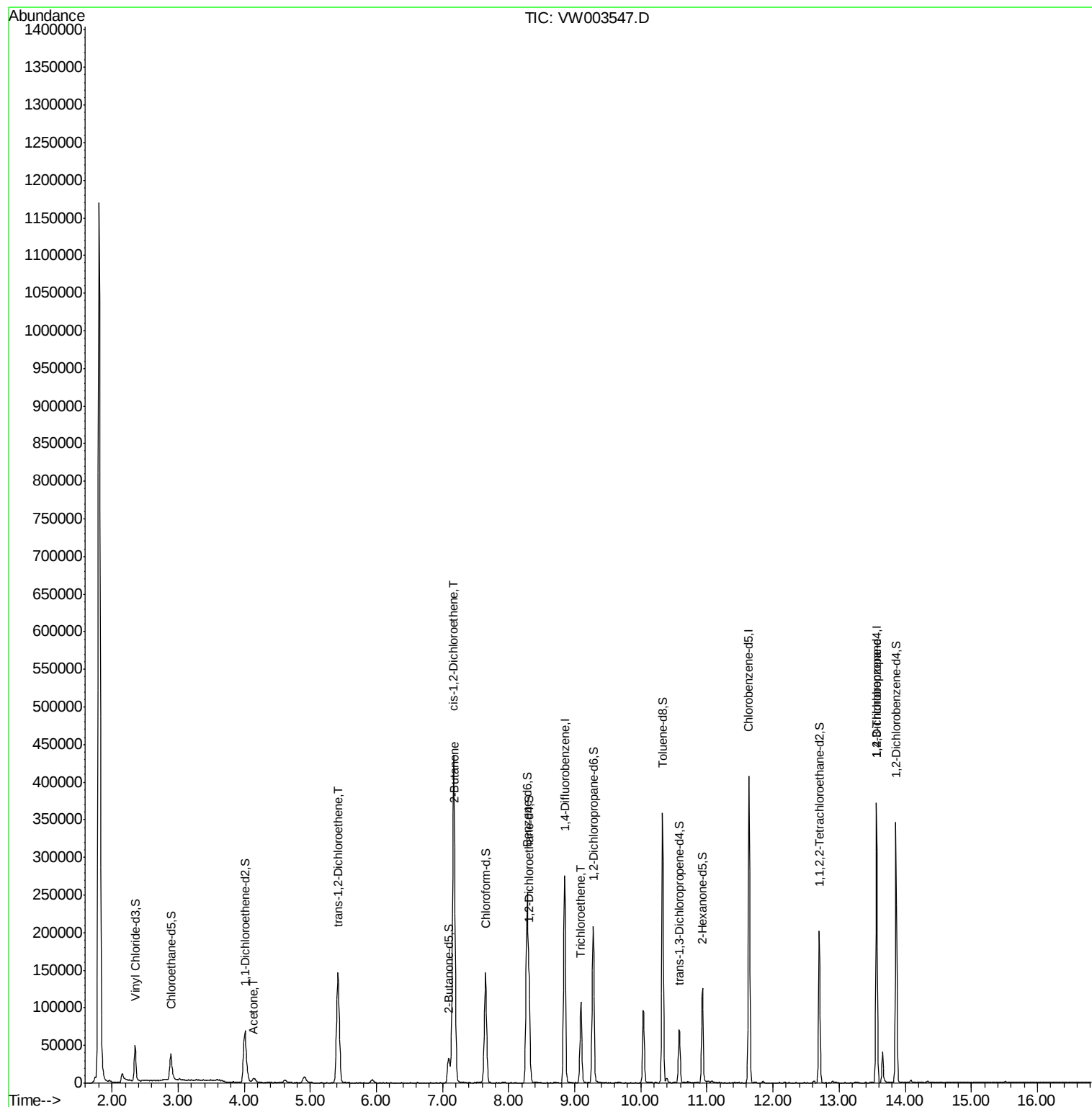
					Qvalue
13) Acetone	4.14	43	10055	10.032 ug/L	60
18) trans-1,2-Dichloroethene	5.42	96	89053	31.076 ug/L	94
21) 2-Butanone	7.19	43	2475	2.101 ug/L #	1
22) cis-1,2-Dichloroethene	7.17	96	249033	81.771 ug/L	97
35) Trichloroethene	9.09	95	36431	10.973 ug/L	98
59) 1,2,3-Trichloropropane	13.57	75	11727	4.797 ug/L #	85

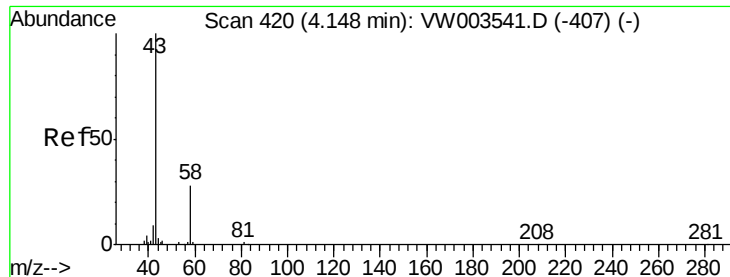
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 03:05:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 10.032 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

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Acq: 25 Jun 2018 14:37

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MSVOA_W

ClientSampleId :

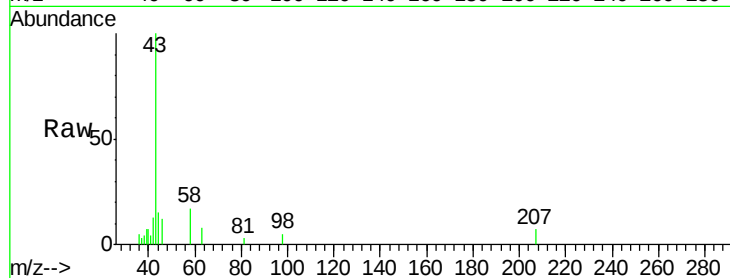
DAZ77

Tgt Ion: 43 Resp: 10055

Ion Ratio Lower Upper

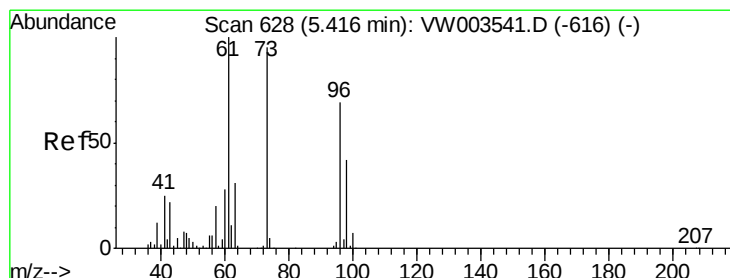
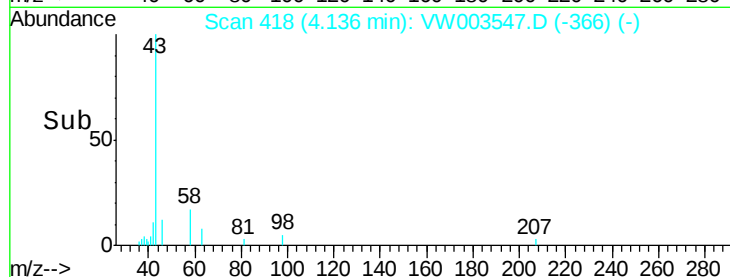
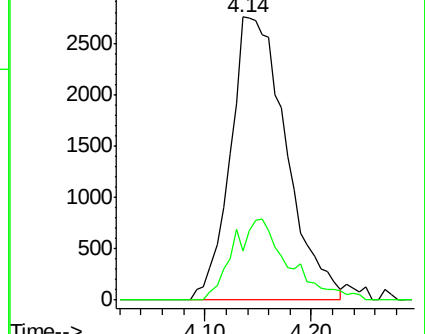
43 100

58 7.6 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

trans-1,2-Dichloroethene

Concen: 31.076 ug/L

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003547.D

Acq: 25 Jun 2018 14:37

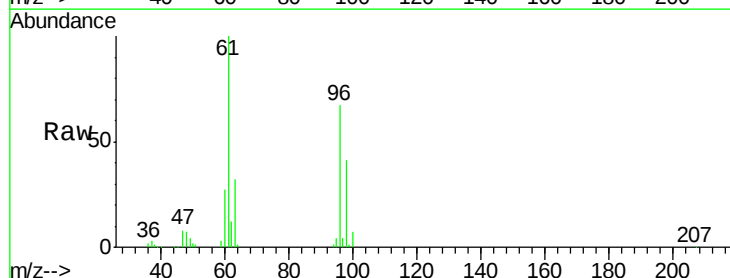
Tgt Ion: 96 Resp: 89053

Ion Ratio Lower Upper

96 100

61 148.5 98.0 182.0

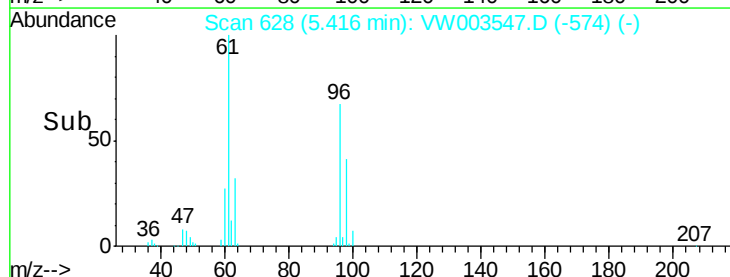
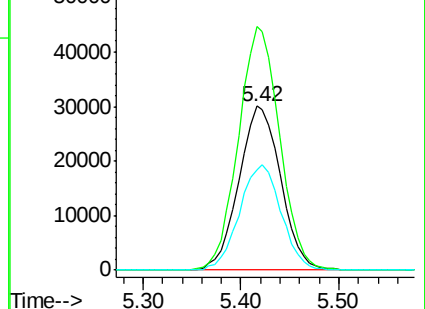
98 61.1 44.2 82.2

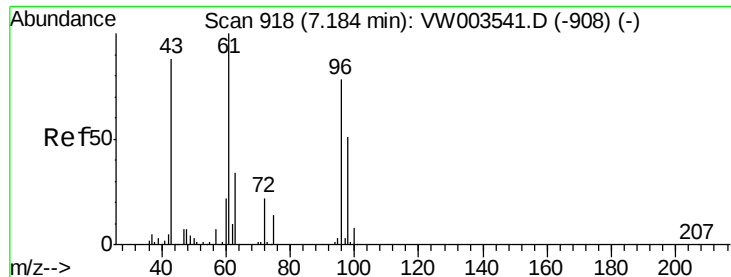


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#21

2-Butanone

Concen: 2.101 ug/L

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003547.D

Acq: 25 Jun 2018 14:37

Instrument :

MSVOA_W

ClientSampled :

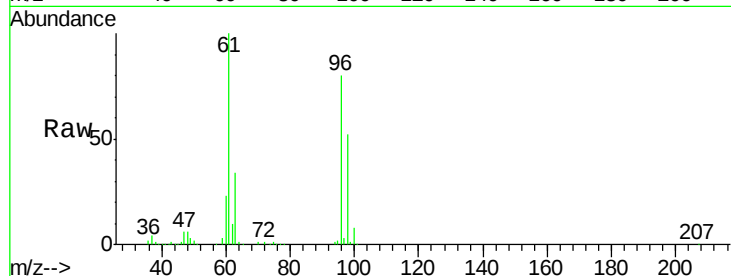
DAZ77

Tgt Ion: 43 Resp: 2475

Ion Ratio Lower Upper

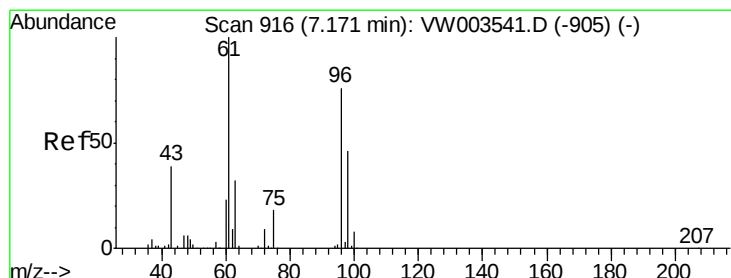
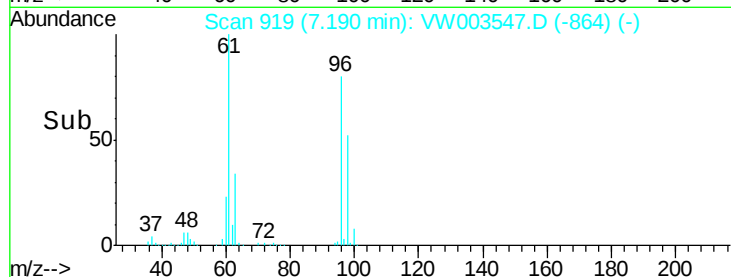
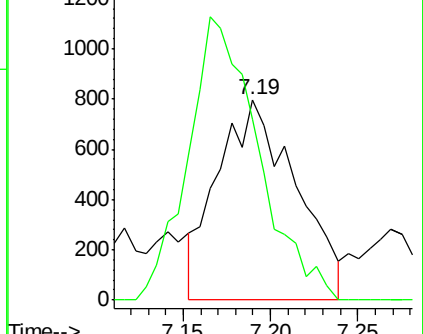
43 100

72 126.9 12.5 37.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#22

cis-1,2-Dichloroethene

Concen: 81.771 ug/L

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003547.D

Acq: 25 Jun 2018 14:37

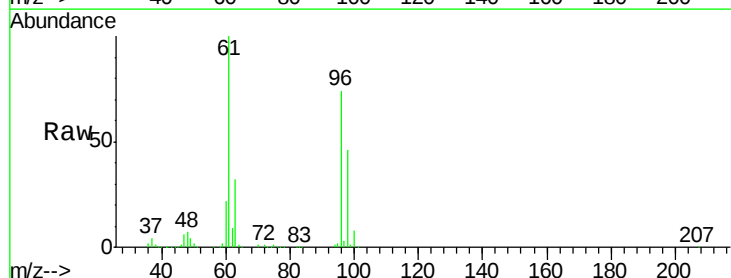
Tgt Ion: 96 Resp: 249033

Ion Ratio Lower Upper

96 100

61 135.9 97.7 181.5

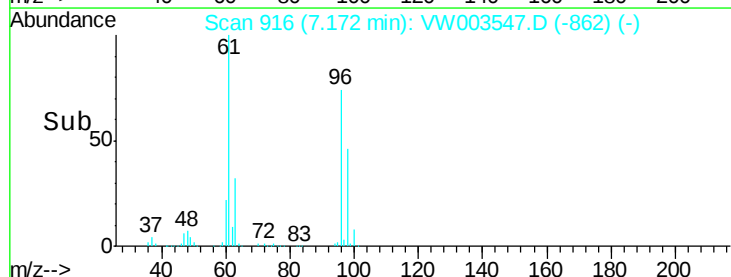
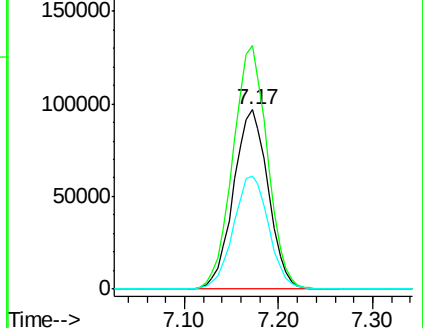
98 63.0 45.0 83.6

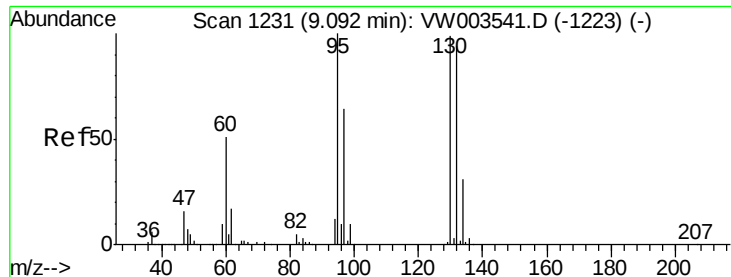


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 10.973 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003547.D

Acq: 25 Jun 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

DAZ77

Tgt Ion: 95 Resp: 36431

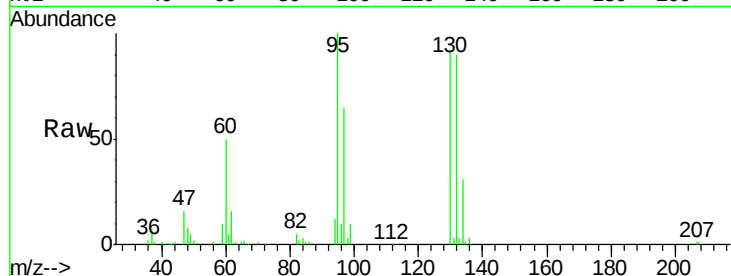
Ion Ratio Lower Upper

95 100

97 66.1 45.6 84.6

132 96.2 67.8 125.8

130 98.3 70.6 131.0

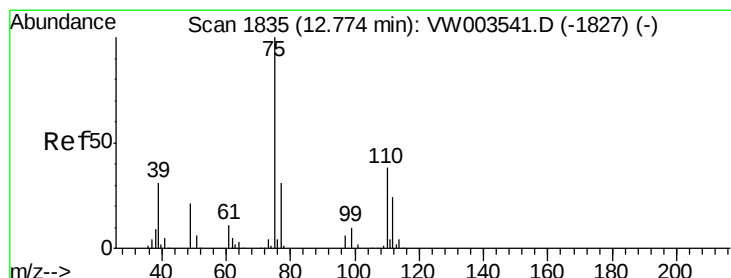
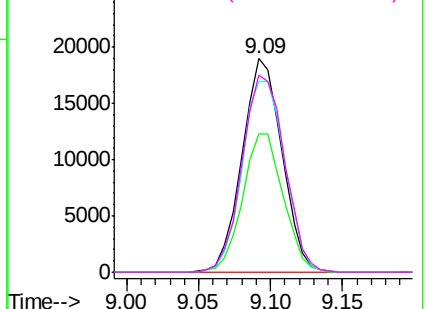
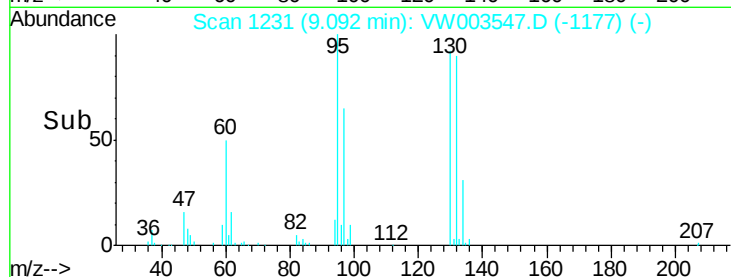


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#59

1,2,3-Trichloropropane

Concen: 4.797 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003547.D

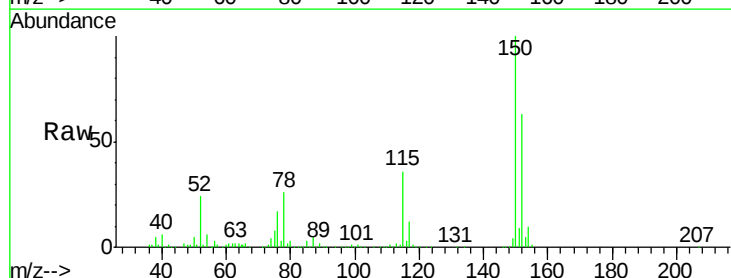
Acq: 25 Jun 2018 14:37

Tgt Ion: 75 Resp: 11727

Ion Ratio Lower Upper

75 100

77 40.9 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

