

Data File : VW013786.D
Acq On : 29 Oct 2019 12:05
Operator : SY/VA
Sample : K5552-01
Misc : 4.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ74

Quant Time: Oct 30 07:01:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	271982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124156	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101764	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
7) Chloroethane-d5	2.89	69	81695	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.44%
10) 1,1-Dichloroethene-d2	4.02	63	154935	19.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.28%
20) 2-Butanone-d5	7.07	46	82168	63.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.58%
24) Chloroform-d	7.65	84	213687	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.31	65	122523	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.20%
29) Benzene-d6	8.27	84	448994	27.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.92%
33) 1,2-Dichloropropane-d6	9.27	67	140724	28.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.32%
37) Toluene-d8	10.32	98	401134	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.48%
38) trans-1,3-Dichloropropene-	10.57	79	61130	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.08%
39) 2-Hexanone-d5	10.92	63	69700	74.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.42%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125552	31.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	113429	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

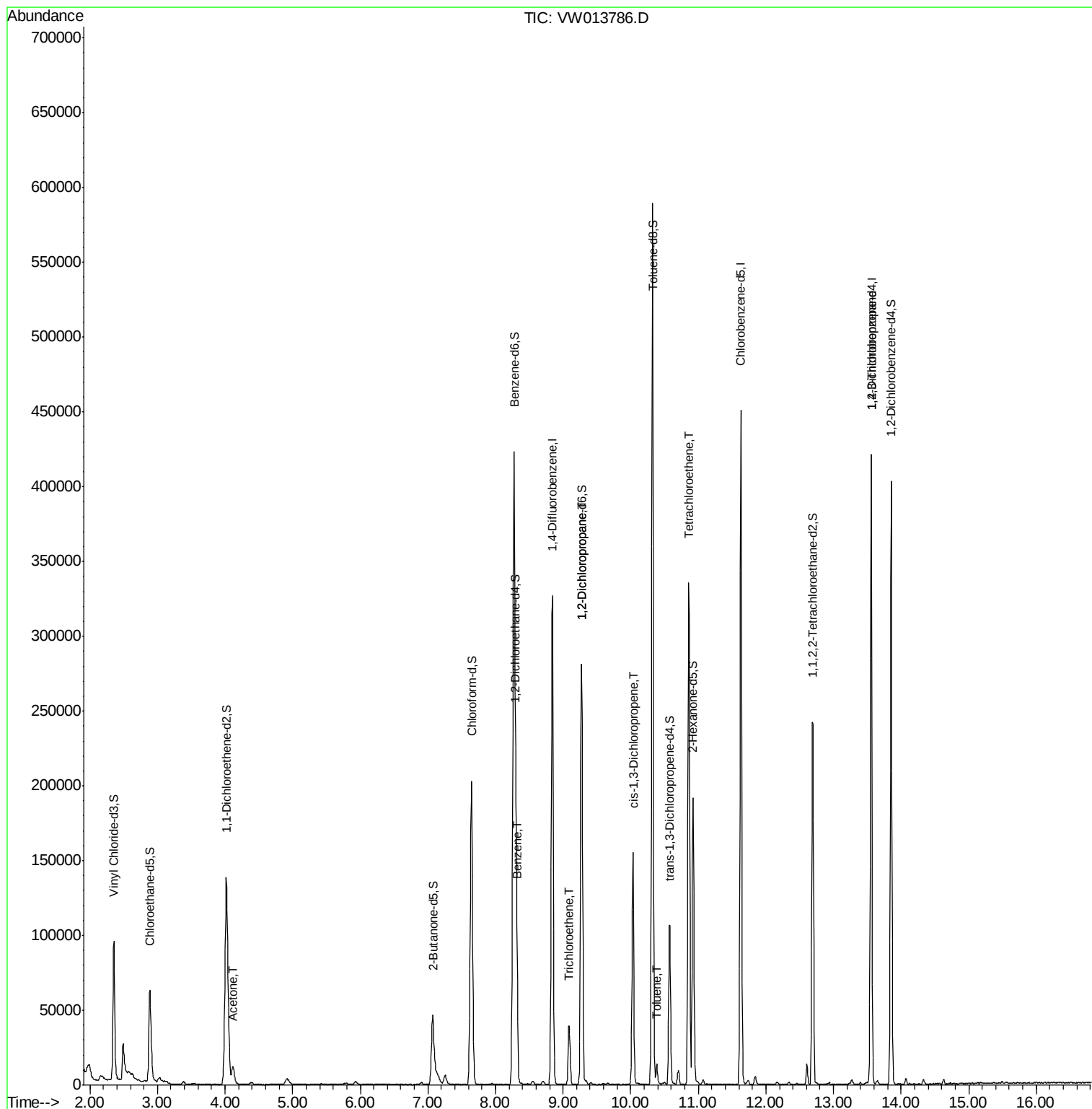
					Qvalue
13) Acetone	4.12	43	20942	14.533 ug/L	92
34) Benzene	8.32	78	8248	0.423 ug/L	100
35) Trichloroethene	9.09	95	14092	2.814 ug/L	98
40) 1,2-Dichloropropane	9.27	63	14755	3.092 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3507	0.466 ug/L #	61
44) Toluene	10.39	91	9368	0.447 ug/L	94
47) Tetrachloroethene	10.86	164	85902	18.743 ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	12336	3.835 ug/L	92

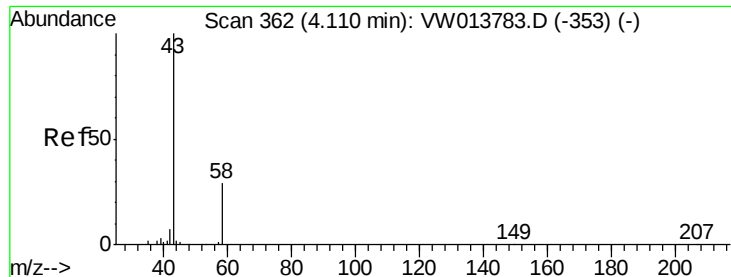
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.533 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

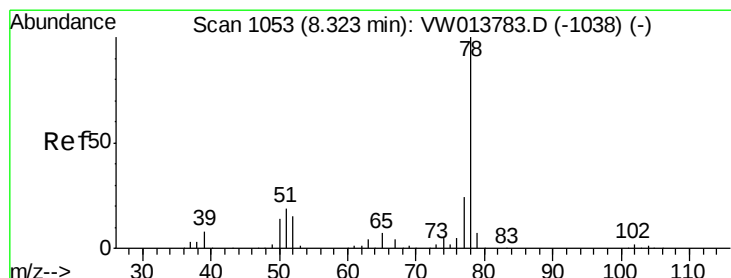
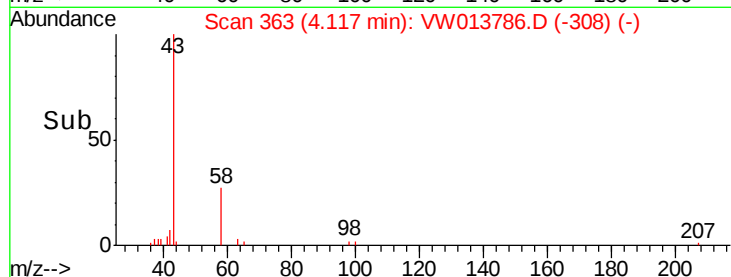
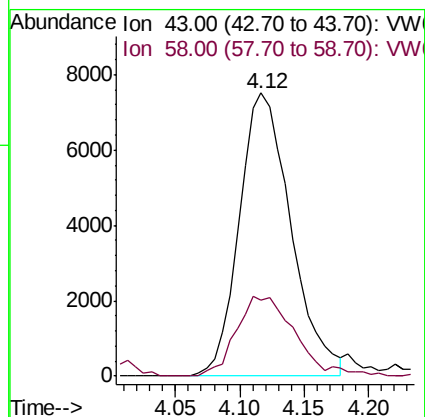
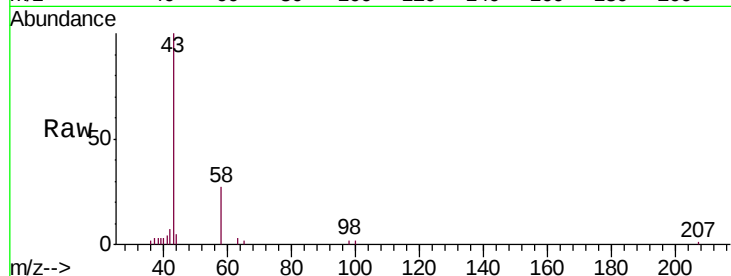
GAQ74

Tgt Ion: 43 Resp: 20942

Ion Ratio Lower Upper

43 100

58 30.5 0.0 70.4



#34

Benzene

Concen: 0.423 ug/L

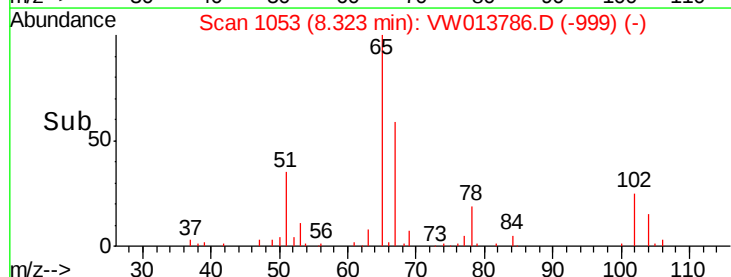
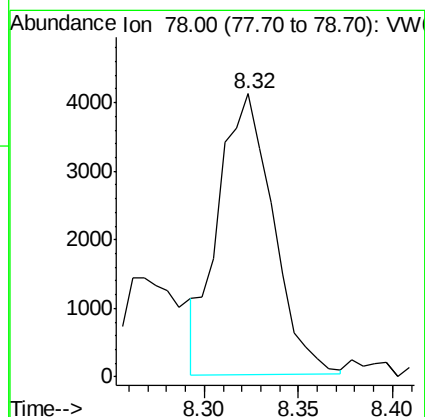
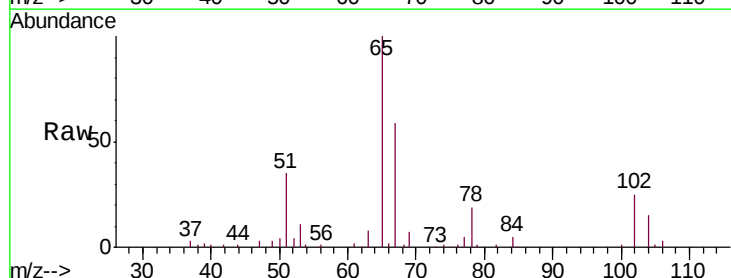
RT: 8.32 min Scan# 1053

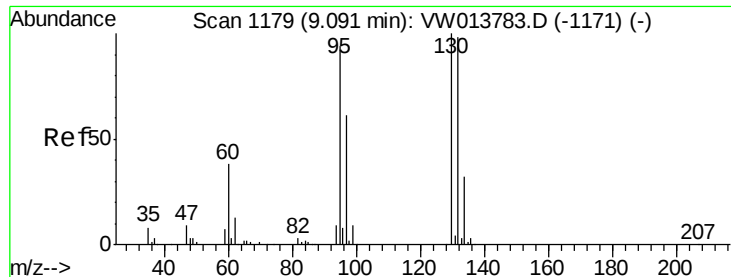
Delta R.T. 0.00 min

Lab File: VW013786.D

Acq: 29 Oct 2019 12:05

Tgt Ion: 78 Resp: 8248





#35

Trichloroethene

Concen: 2.814 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013786.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

GAQ74

Tgt Ion: 95 Resp: 14092

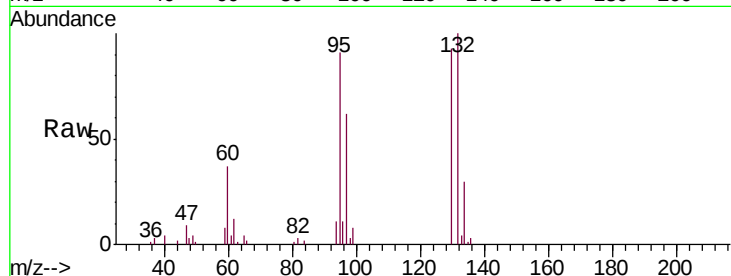
Ion Ratio Lower Upper

95 100

97 65.1 45.8 85.2

132 106.4 74.3 138.1

130 105.0 76.6 142.3

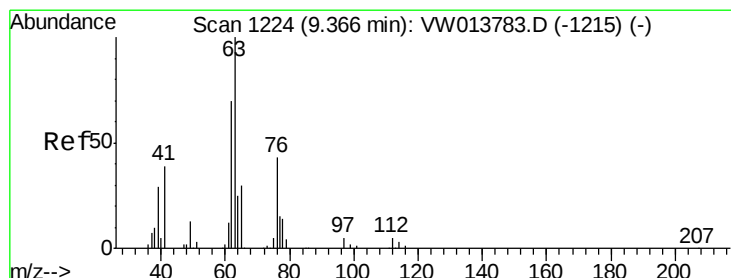
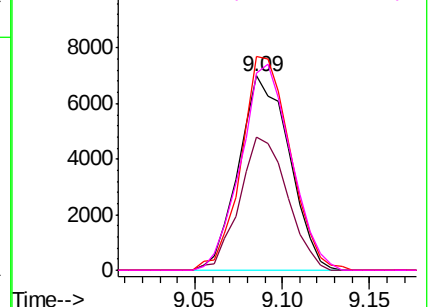
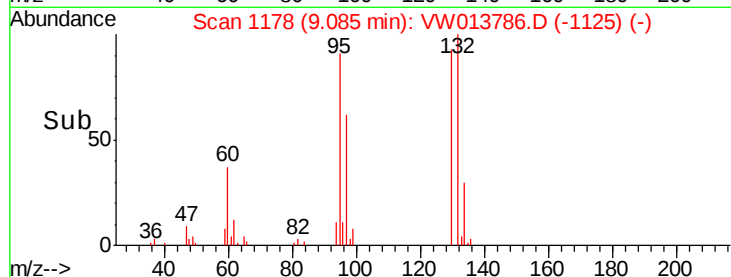


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.092 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013786.D

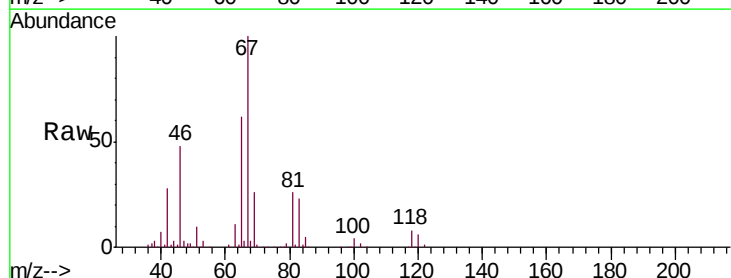
Acq: 29 Oct 2019 12:05

Tgt Ion: 63 Resp: 14755

Ion Ratio Lower Upper

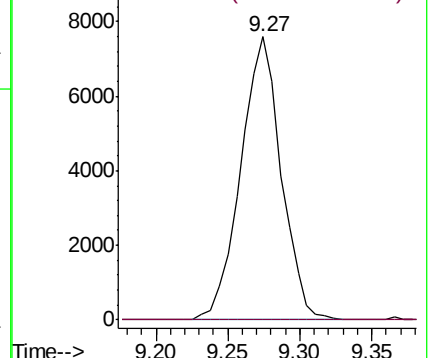
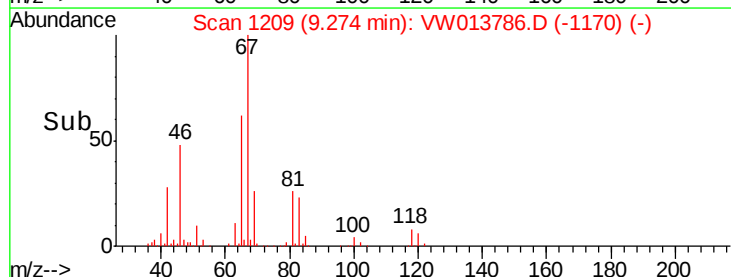
63 100

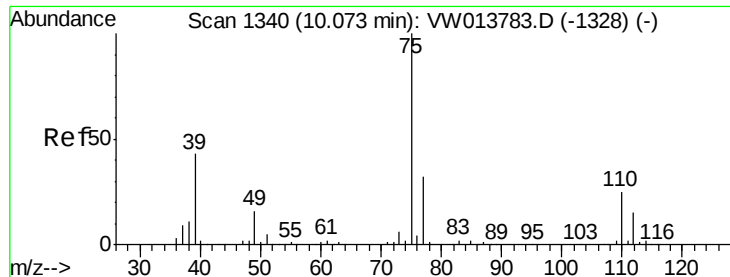
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013786.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

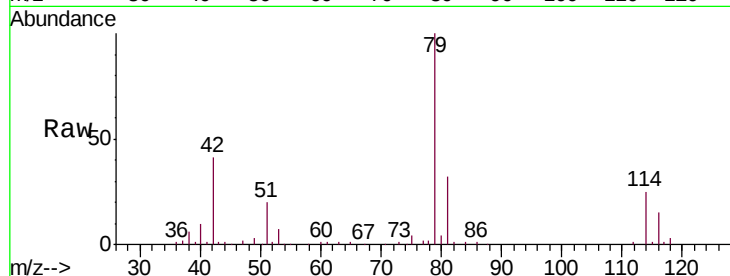
GAQ74

Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

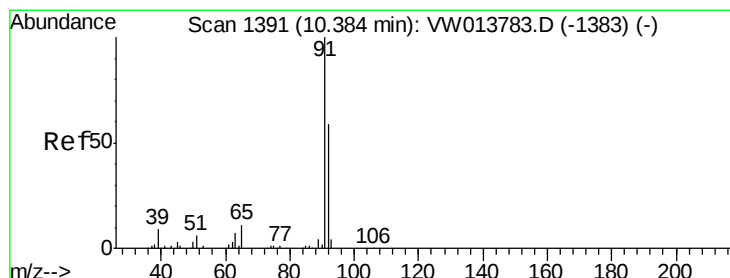
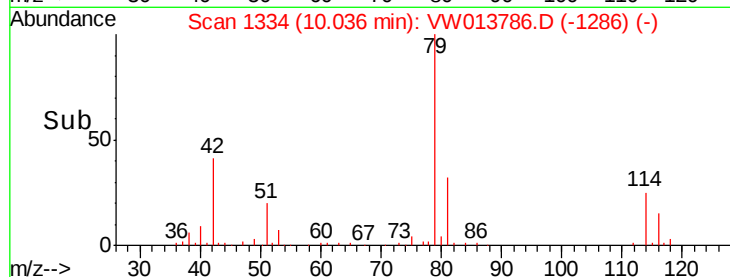
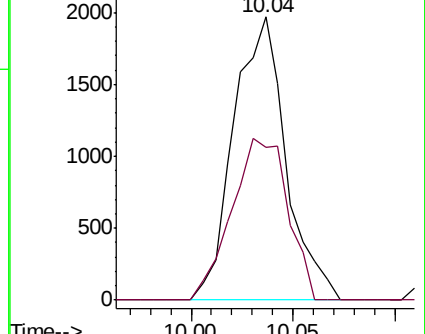
75 100

77 53.9 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.447 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013786.D

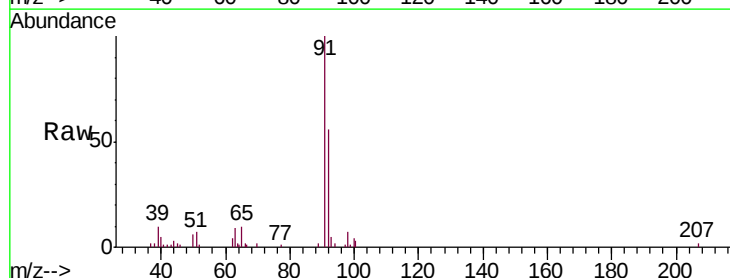
Acq: 29 Oct 2019 12:05

Tgt Ion: 91 Resp: 9368

Ion Ratio Lower Upper

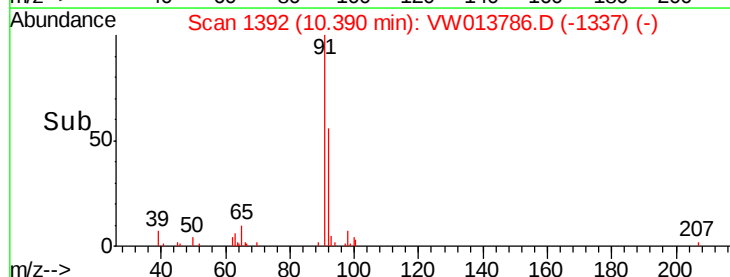
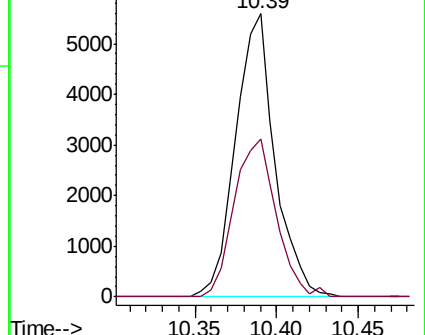
91 100

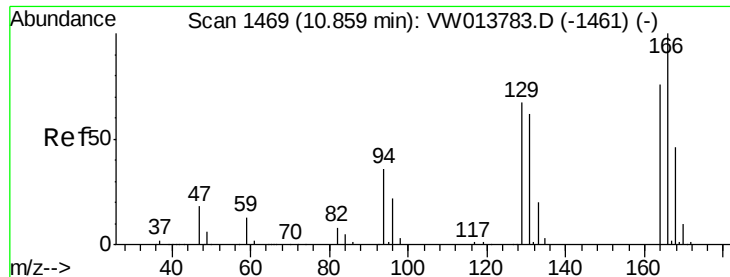
92 55.8 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 18.743 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013786.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

GAQ74

Tgt Ion:164 Resp: 85902

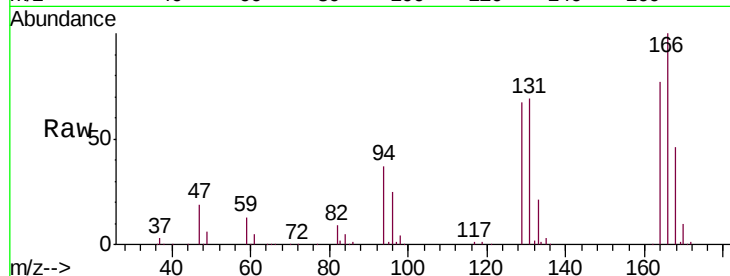
Ion Ratio Lower Upper

164 100

129 87.0 61.8 114.8

131 89.5 59.2 110.0

166 129.9 89.2 165.8

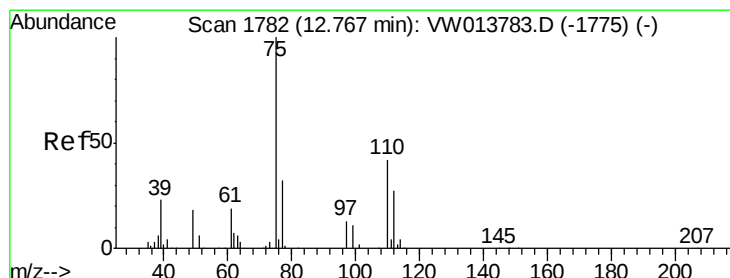
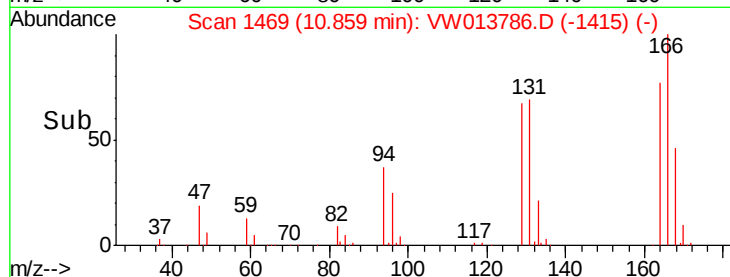
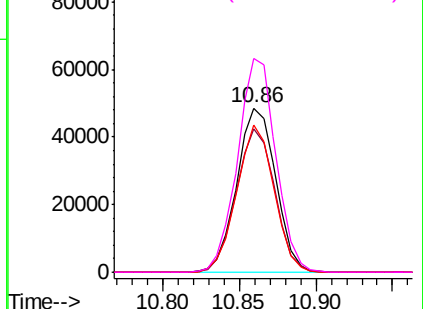


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.835 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013786.D

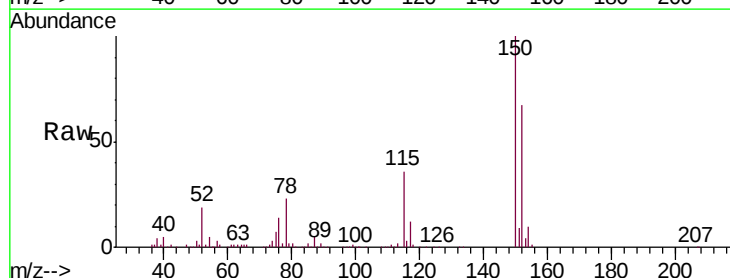
Acq: 29 Oct 2019 12:05

Tgt Ion: 75 Resp: 12336

Ion Ratio Lower Upper

75 100

77 37.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

