

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014655.D
 Acq On : 15 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1118-06MS
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 16 01:22:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1458341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1272972	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	598861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	440053	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.89	69	352011	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.96%
10) 1,1-Dichloroethene-d2	4.02	63	821150	21.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.36%
20) 2-Butanone-d5	7.07	46	227322	46.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.94%
24) Chloroform-d	7.65	84	788317	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	404506	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.92%
29) Benzene-d6	8.27	84	1753610	25.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.60%
33) 1,2-Dichloropropane-d6	9.27	67	521327	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	10.32	98	1576436	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.76%
38) trans-1,3-Dichloropropene-	10.58	79	207031	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	10.92	63	181963	52.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.56%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	378804	24.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	530009	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

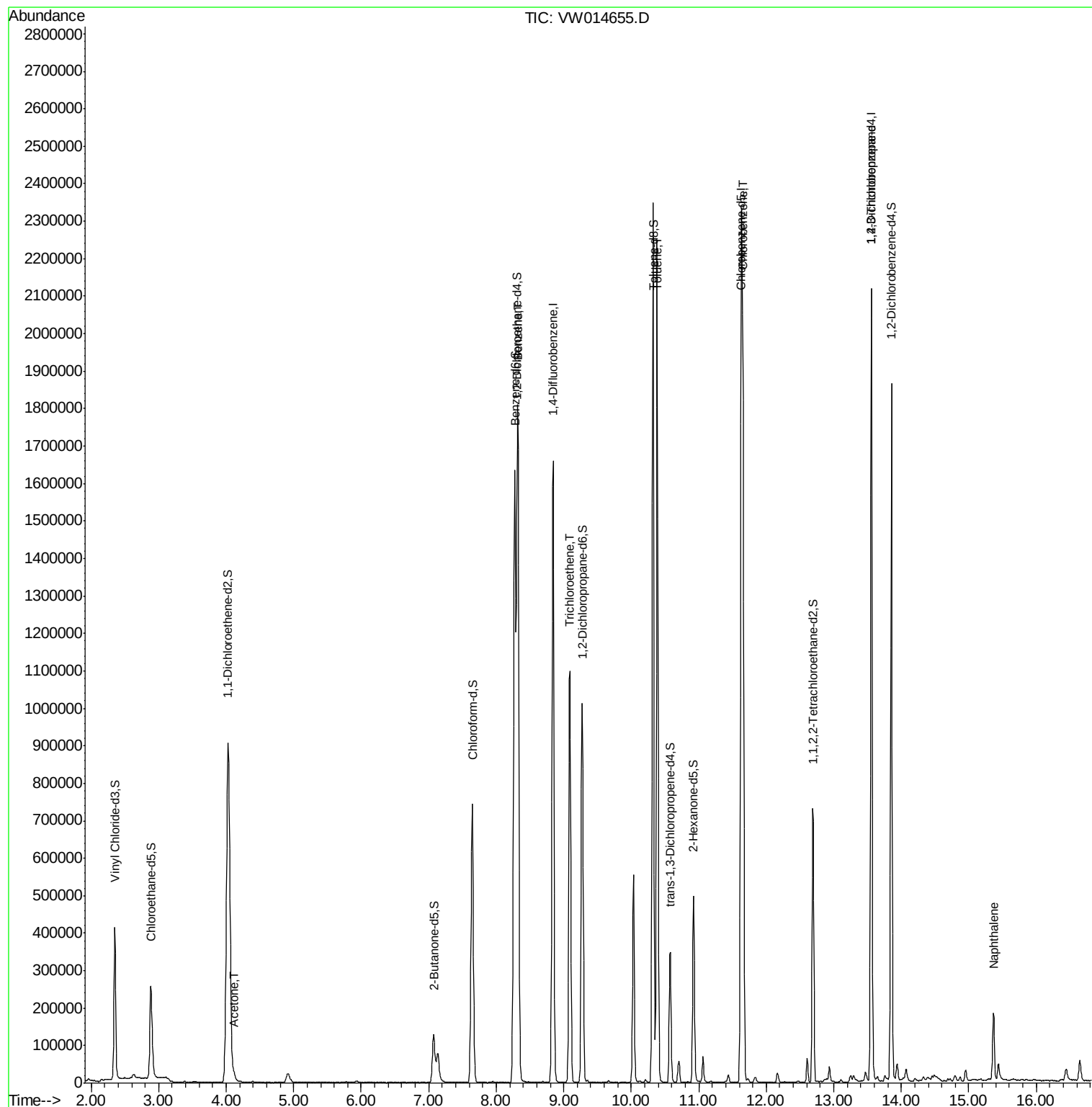
					Ovalue
13) Acetone	4.12	43	23644	3.491 ug/L	99
34) Benzene	8.32	78	1587139	20.718 ug/L	100
35) Trichloroethene	9.09	95	403853	20.427 ug/L	98
44) Toluene	10.38	91	1676547	20.942 ug/L	96
52) Chlorobenzene	11.66	112	1050481	20.758 ug/L	96
59) 1,2,3-Trichloropropane	13.55	75	65886	5.274 ug/L	88
69) Naphthalene	15.36	128	165290	4.547 ug/L	99

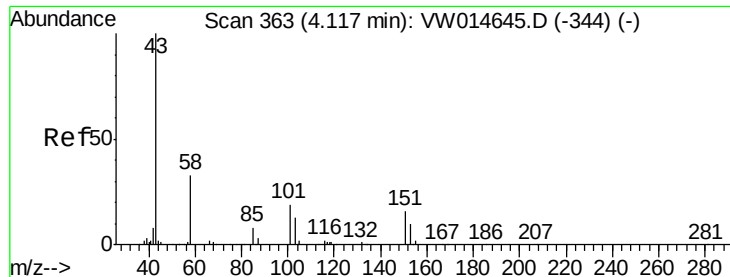
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 01:18:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.491 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

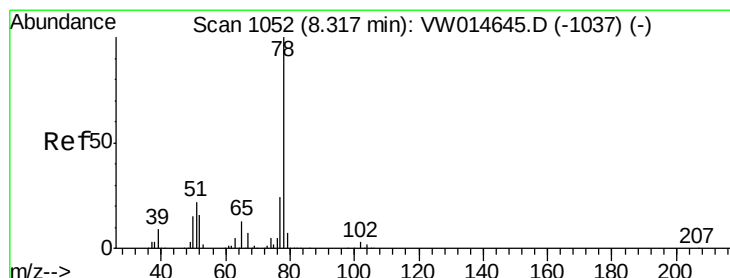
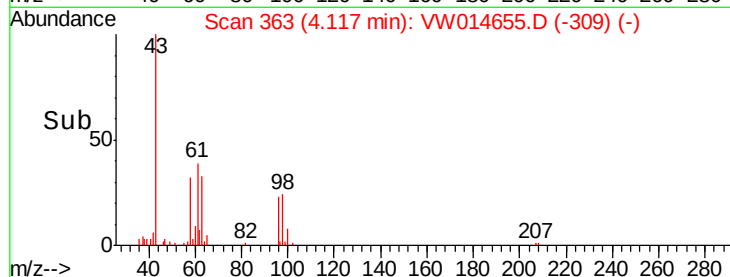
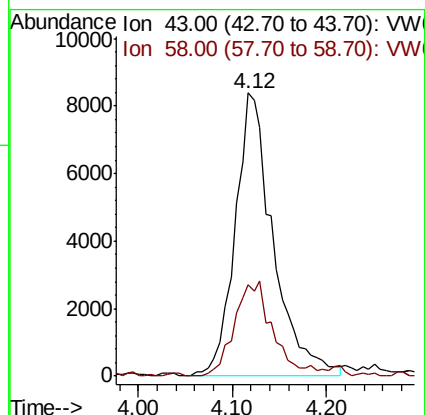
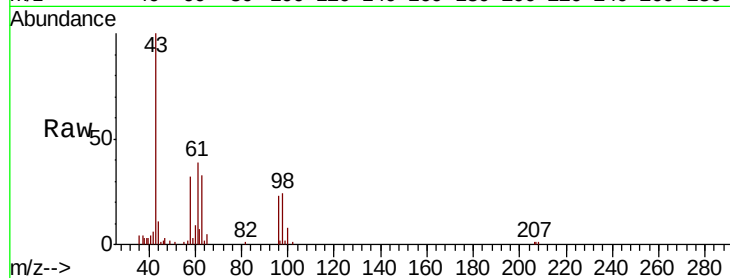
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 23644

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.0



#34

Benzene

Concen: 20.718 ug/L

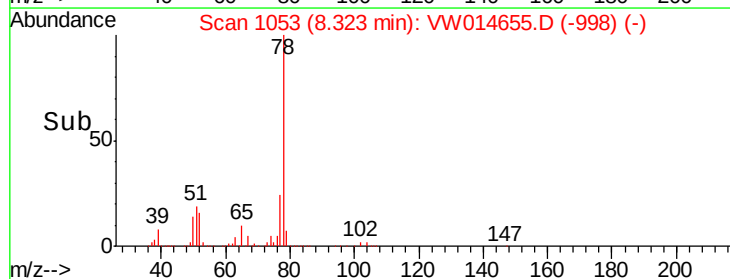
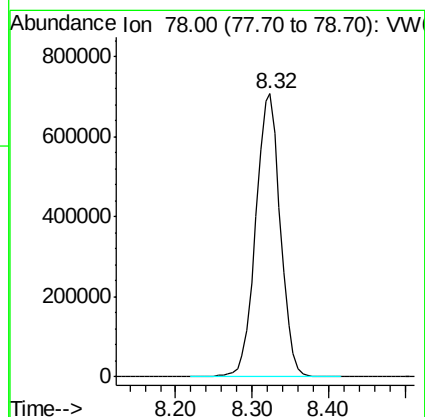
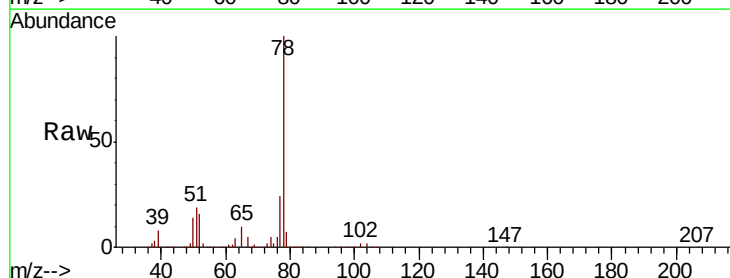
RT: 8.32 min Scan# 1053

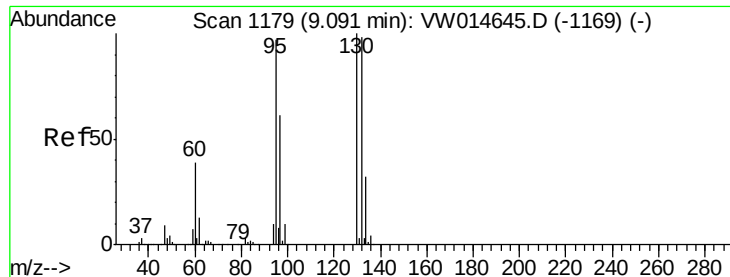
Delta R.T. 0.01 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Tgt Ion: 78 Resp: 1587139





#35

Trichloroethene

Concen: 20.427 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 403853

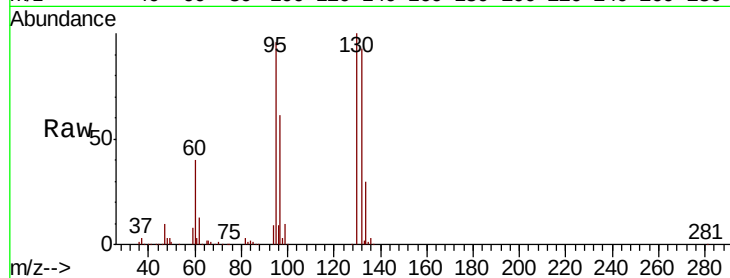
Ion Ratio Lower Upper

95 100

97 64.2 44.3 82.3

132 101.1 69.2 128.6

130 105.4 72.3 134.3

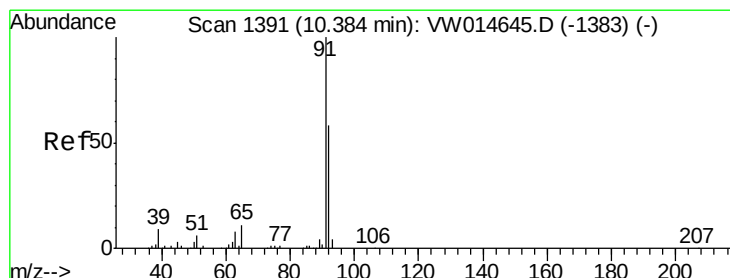
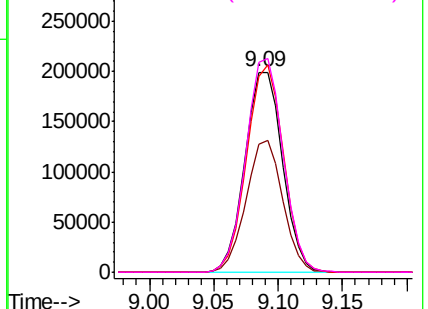
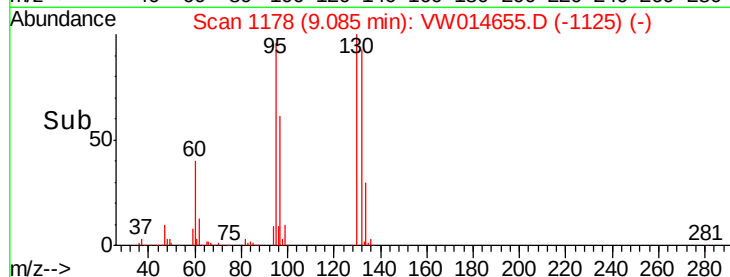


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#44

Toluene

Concen: 20.942 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014655.D

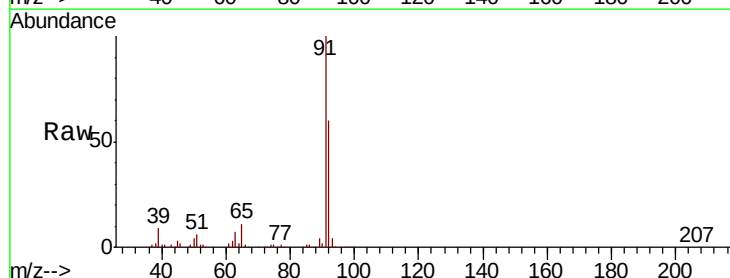
Acq: 15 Jan 2020 17:04

Tgt Ion: 91 Resp: 1676547

Ion Ratio Lower Upper

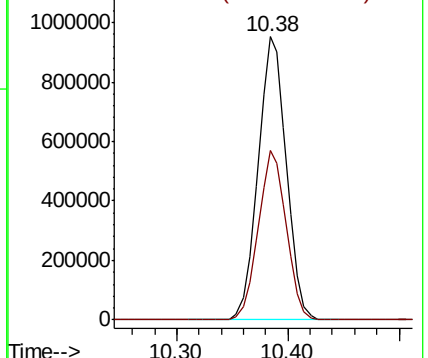
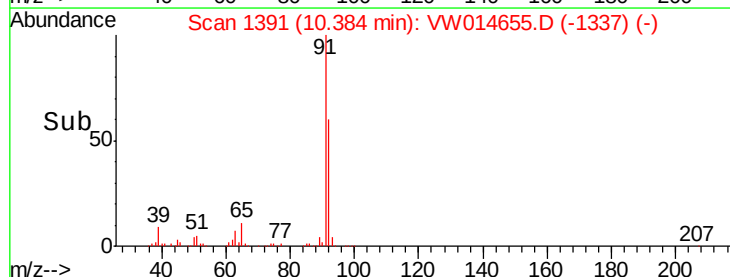
91 100

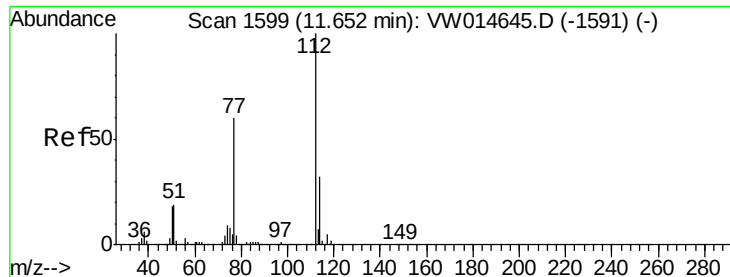
92 60.0 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 20.758 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Instrument :

MSVOA_W

ClientSampleId :

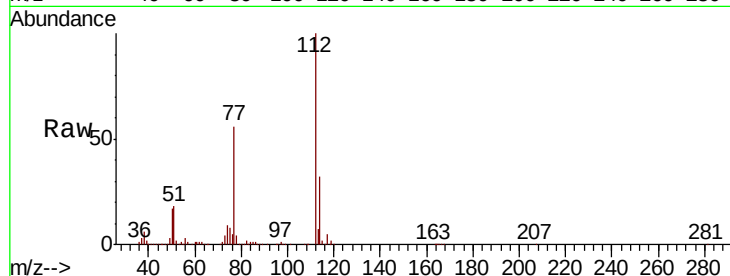
Tot Ion:112 Resp: 1050481

Ion Ratio Lower Upper

112 100

77 55.5 48.2 72.2

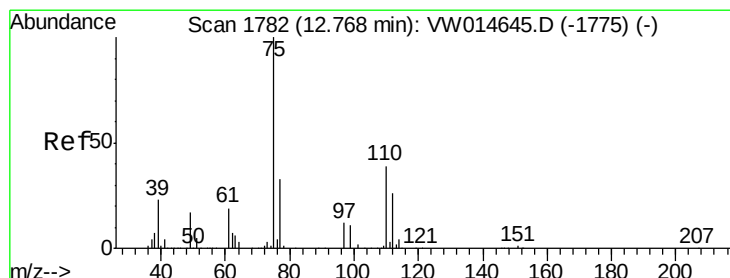
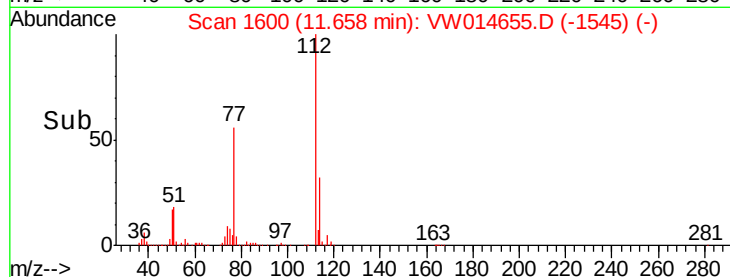
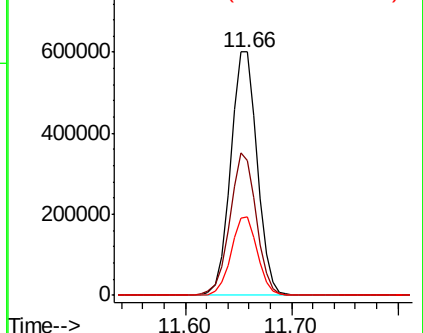
114 32.1 22.9 42.5



Abundance Ion 112.00 (111.70 to 112.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.274 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014655.D

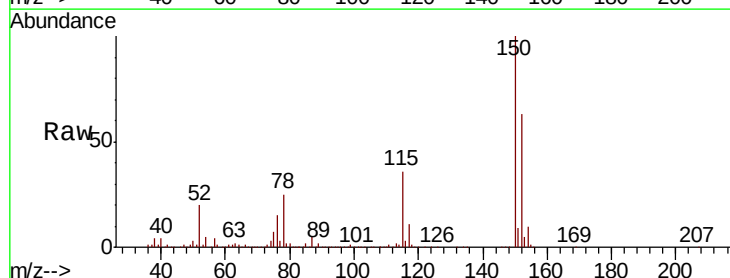
Acq: 15 Jan 2020 17:04

Tgt Ion: 75 Resp: 65886

Ion Ratio Lower Upper

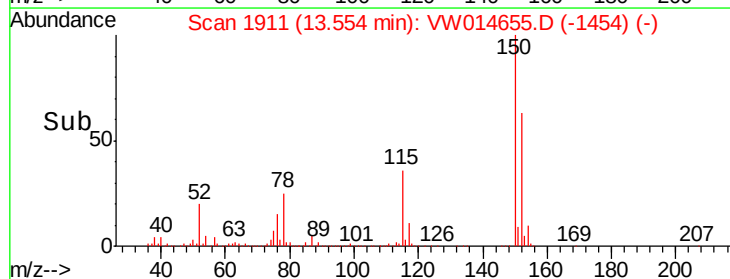
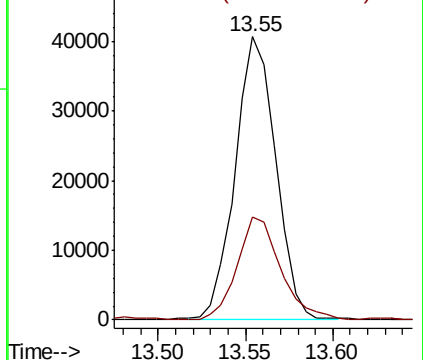
75 100

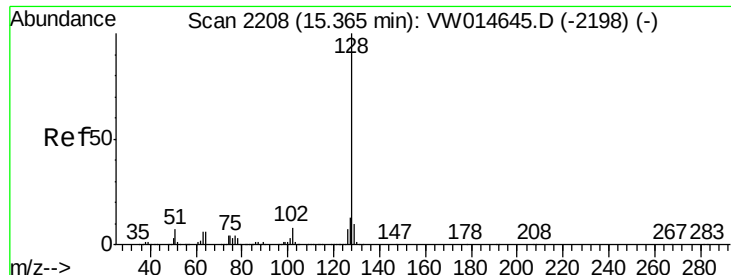
77 39.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#69

Naphthalene

Concen: 4.547 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

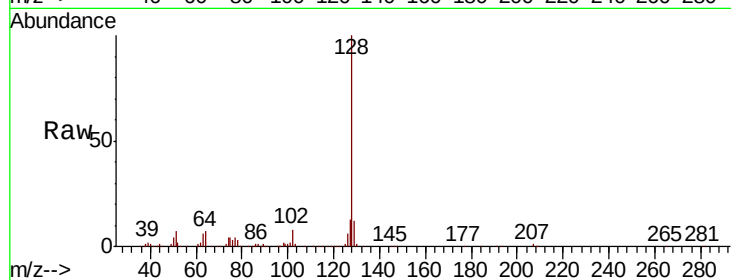
Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Instrument :

MSVOA_W

ClientSampleId :



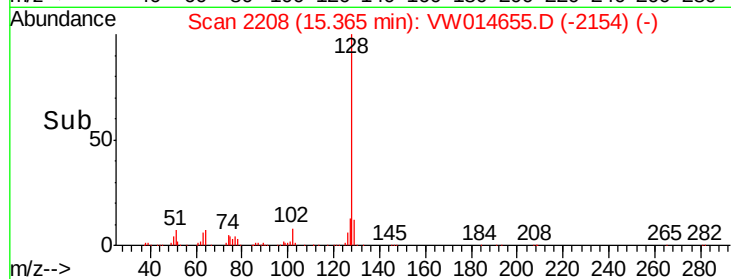
Tot Ion:128 Resp: 165290

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 12.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

