

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013862.D
 Acq On : 31 Oct 2019 17:19
 Operator : SY/VA
 Sample : K5552-18MSD
 Misc : 4.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:13:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	290857	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160613	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125195	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.08%
7) Chloroethane-d5	2.88	69	97831	28.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.96%
10) 1,1-Dichloroethene-d2	4.02	63	229006	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.40%
20) 2-Butanone-d5	7.07	46	97491	62.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.30%
24) Chloroform-d	7.65	84	253929	28.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.12%
26) 1,2-Dichloroethane-d4	8.31	65	146819	30.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.32%
29) Benzene-d6	8.27	84	538490	28.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.28%
33) 1,2-Dichloropropane-d6	9.27	67	167321	29.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.48%
37) Toluene-d8	10.32	98	505644	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.24%
38) trans-1,3-Dichloropropene-	10.57	79	75279	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.52%
39) 2-Hexanone-d5	10.92	63	82778	63.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155109	29.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	189769	30.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.72%#

Target Compounds

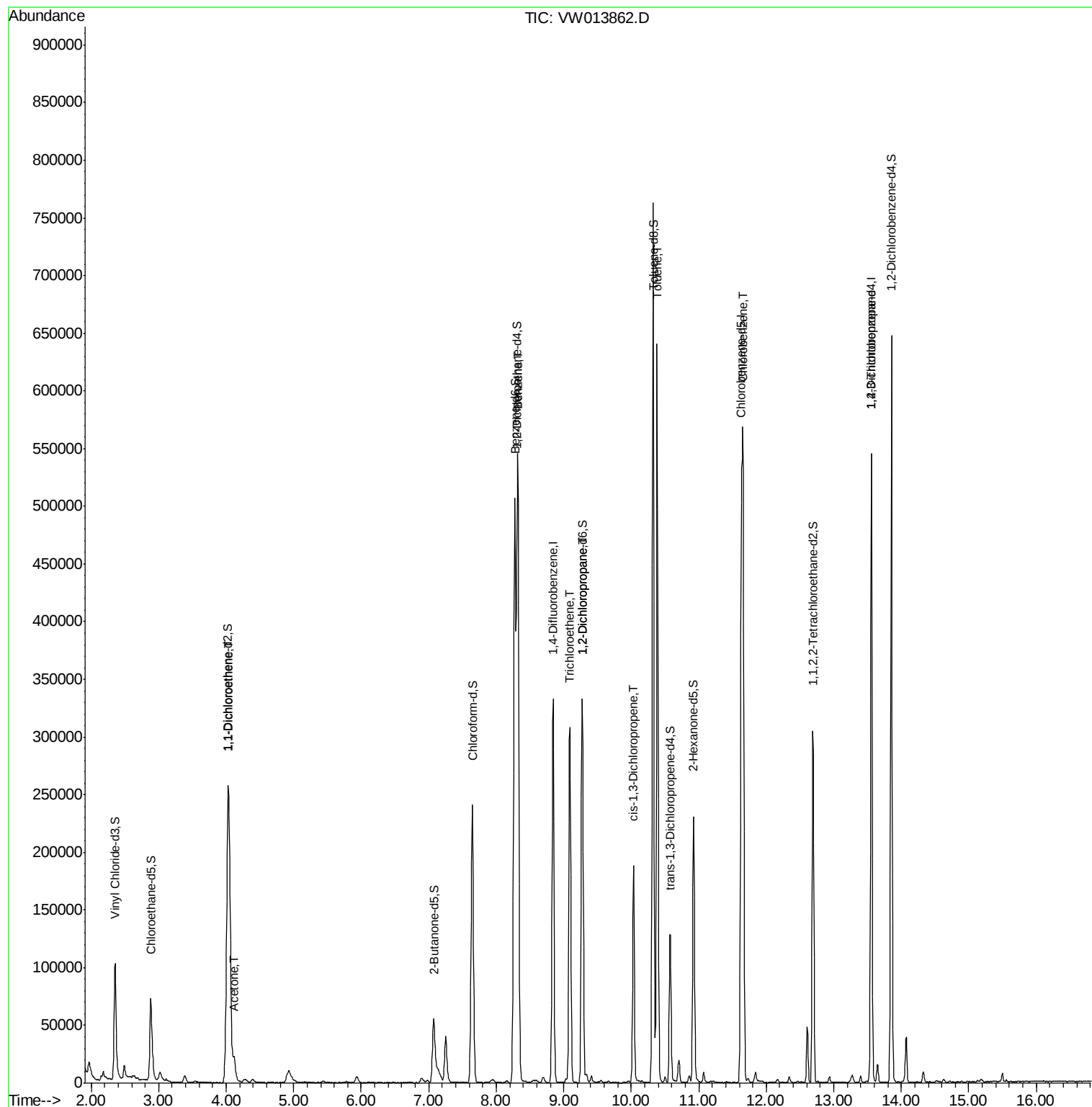
					Ovalue
12) 1,1-Dichloroethene	4.04	96	96000	19.935 ug/L	89
13) Acetone	4.12	43	30248	20.769 ug/L	97
34) Benzene	8.32	78	446153	21.926 ug/L	100
35) Trichloroethene	9.09	95	109386	20.369 ug/L	98
40) 1,2-Dichloropropane	9.27	63	17110	3.404 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4148	0.526 ug/L #	64
44) Toluene	10.38	91	482183	21.946 ug/L	98
52) Chlorobenzene	11.66	112	301284	21.146 ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	16319	4.209 ug/L	90

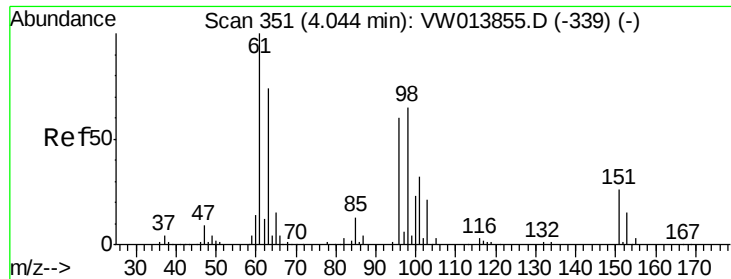
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 19.935 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW013862.D

Acq: 31 Oct 2019 17:19

Instrument :
MSVOA_W
ClientSampled :

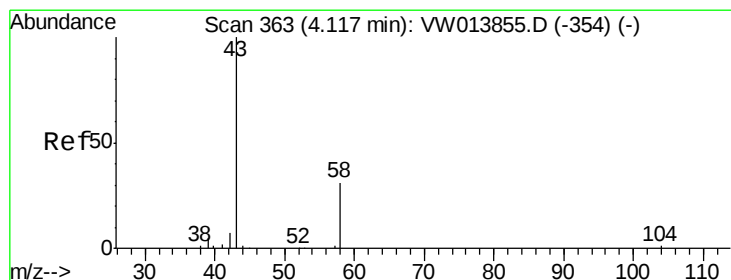
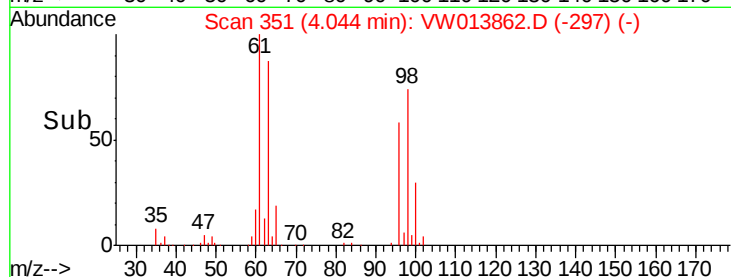
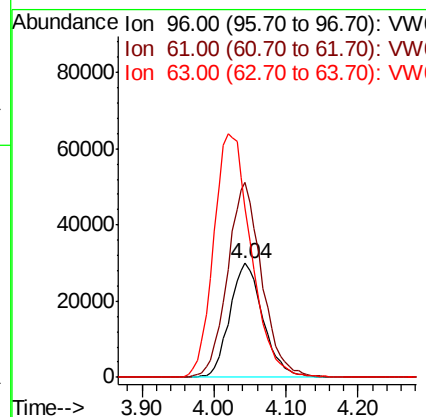
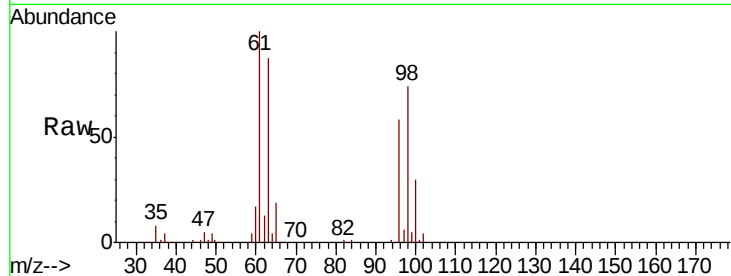
Tot Ion: 96 Resp: 96000

Ion Ratio Lower Upper

96 100

61 171.3 110.4 205.0

63 149.3 95.5 177.3



#13

Acetone

Concen: 20.769 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013862.D

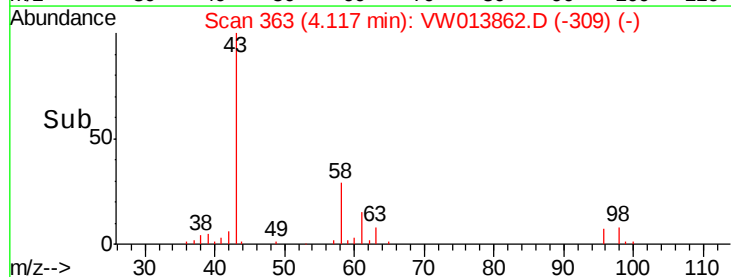
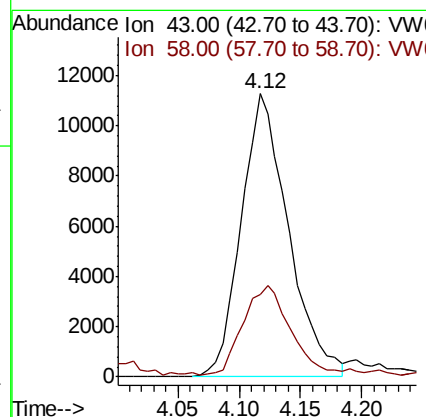
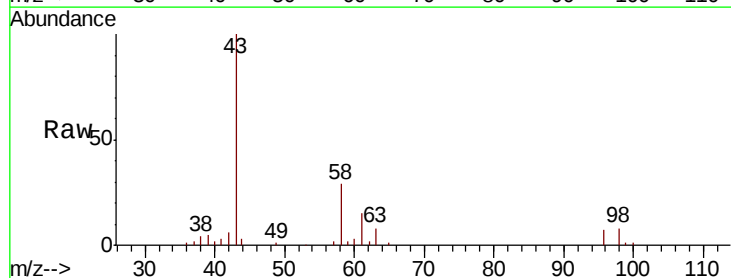
Acq: 31 Oct 2019 17:19

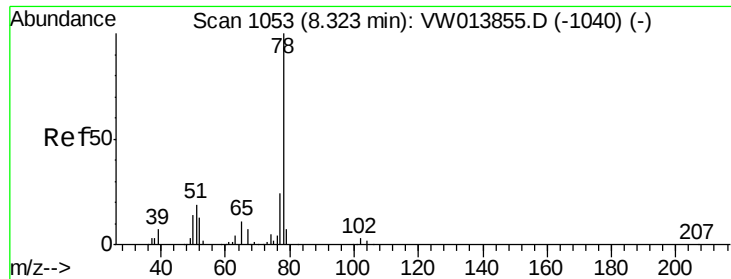
Tgt Ion: 43 Resp: 30248

Ion Ratio Lower Upper

43 100

58 33.2 0.0 63.4





#34

Benzene

Concen: 21.926 ug/L

RT: 8.32 min Scan# 1053

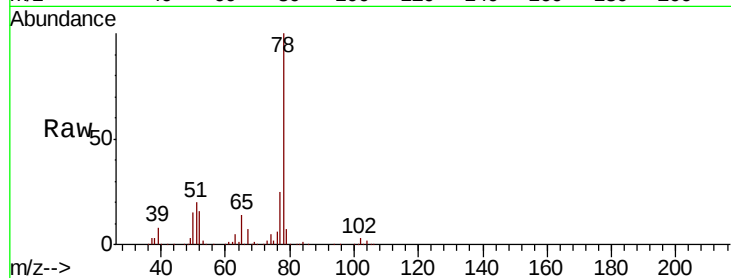
Delta R.T. 0.00 min

Lab File: VW013862.D

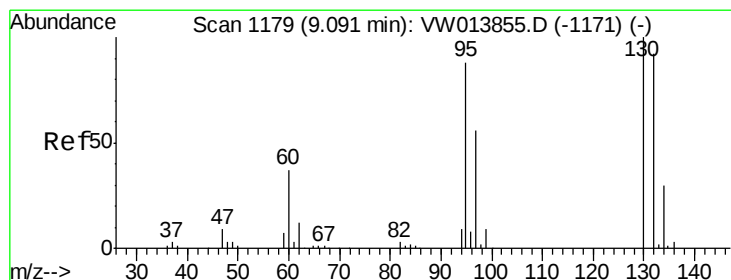
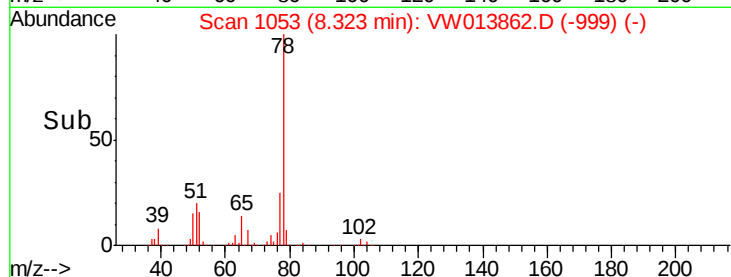
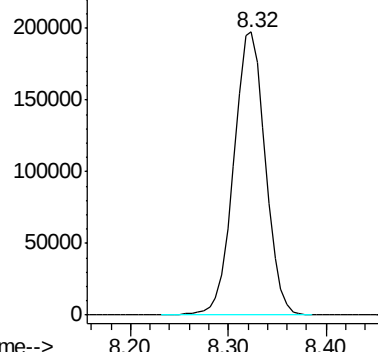
Acq: 31 Oct 2019 17:19

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 446153



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 20.369 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013862.D

Acq: 31 Oct 2019 17:19

Tgt Ion: 95 Resp: 109386

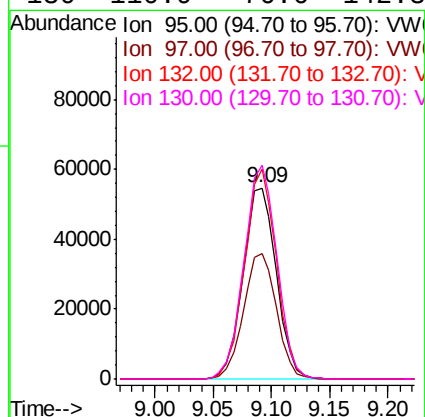
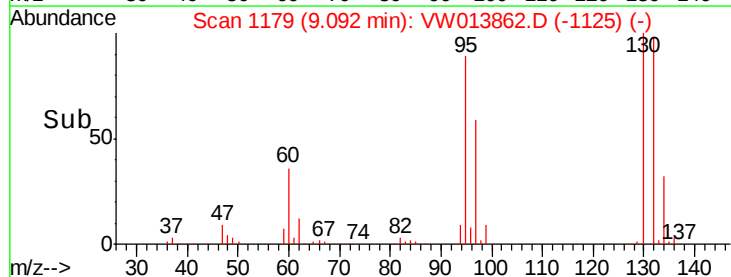
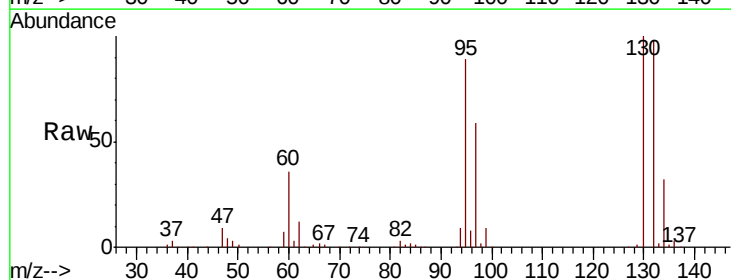
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.0	83.6
132	105.3	72.4	134.4
130	110.9	76.6	142.3

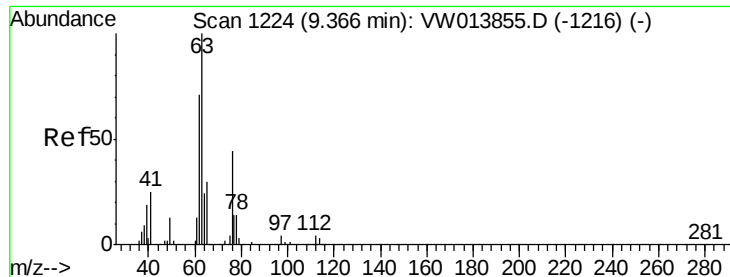
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.404 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013862.D

Acq: 31 Oct 2019 17:19

Instrument :

MSVOA_W

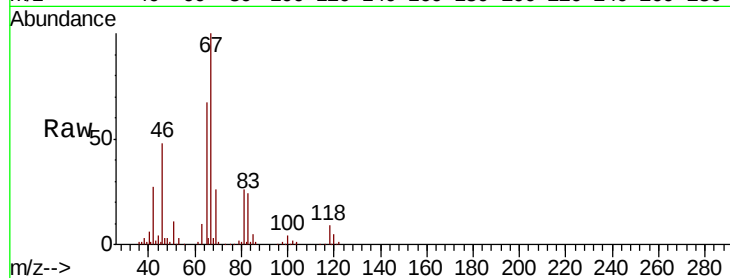
ClientSampleId :

Tot Ion: 63 Resp: 17110

Ion Ratio Lower Upper

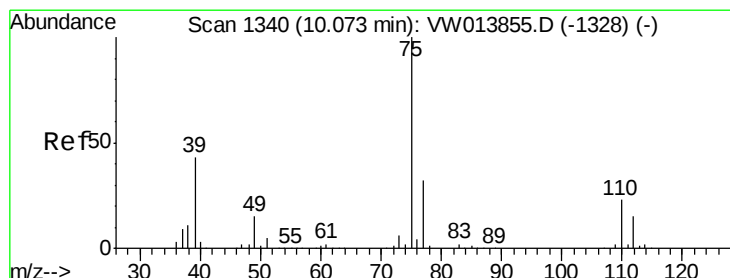
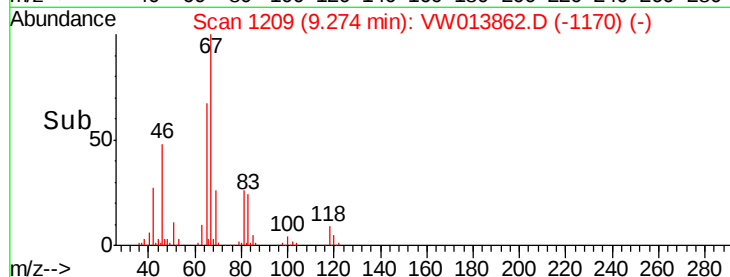
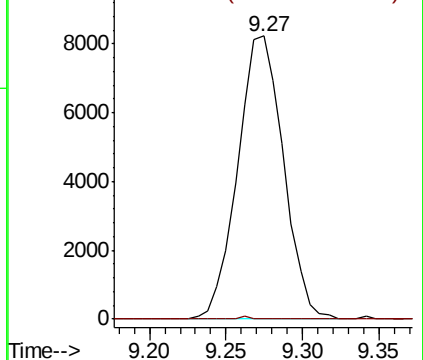
63 100

112 0.0 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.526 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013862.D

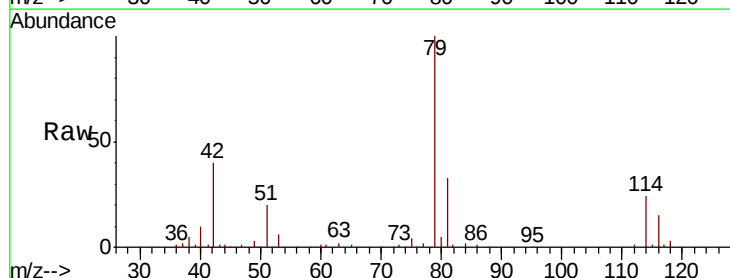
Acq: 31 Oct 2019 17:19

Tgt Ion: 75 Resp: 4148

Ion Ratio Lower Upper

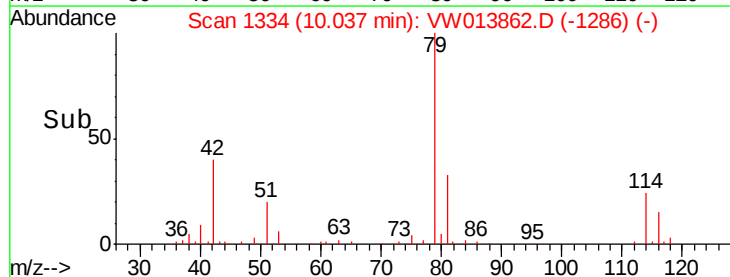
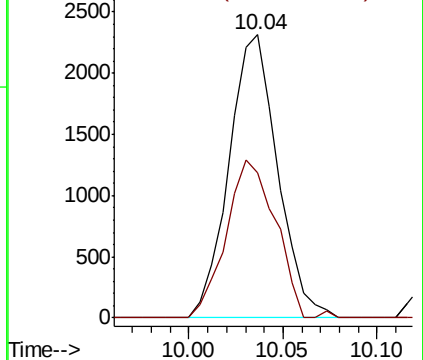
75 100

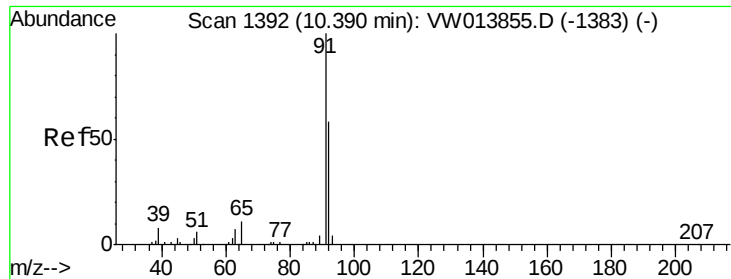
77 51.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 21.946 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013862.D

Acq: 31 Oct 2019 17:19

Instrument :

MSVOA_W

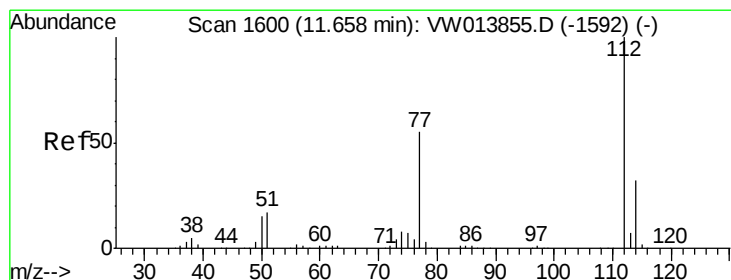
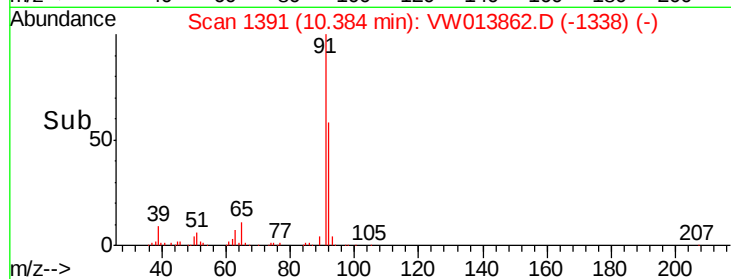
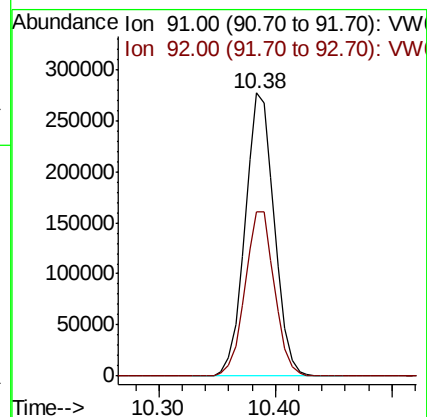
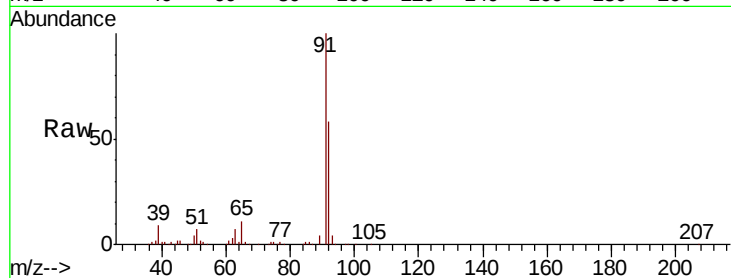
ClientSampleId :

Tot Ion: 91 Resp: 482183

Ion Ratio Lower Upper

91 100

92 58.3 42.0 78.0



#52

Chlorobenzene

Concen: 21.146 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW013862.D

Acq: 31 Oct 2019 17:19

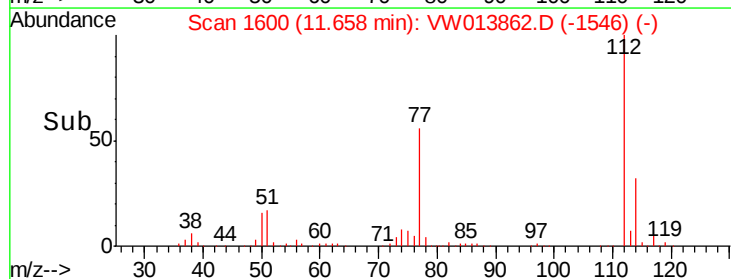
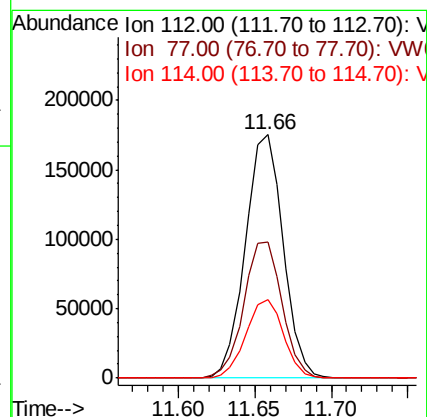
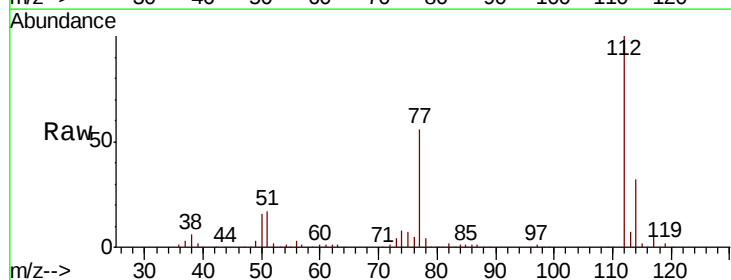
Tgt Ion: 112 Resp: 301284

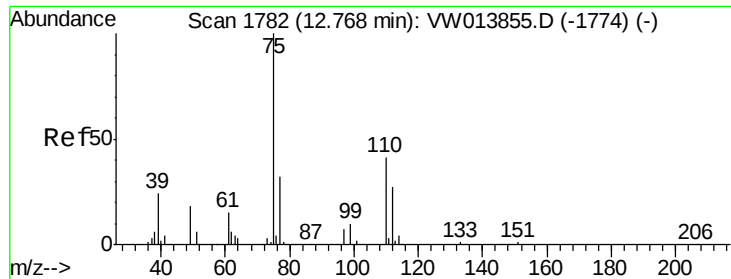
Ion Ratio Lower Upper

112 100

77 55.9 44.7 67.1

114 32.1 23.1 42.9





#59

1,2,3-Trichloropropane

Concen: 4.209 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013862.D

Acq: 31 Oct 2019 17:19

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 16319

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8

