

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014035.D
 Acq On : 15 Nov 2019 12:42
 Operator : SY/VA
 Sample : K5798-17RE
 Misc : 3.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:08:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	378872	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	163434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113985	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
7) Chloroethane-d5	2.89	69	100321	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.88%
10) 1,1-Dichloroethene-d2	4.01	63	186025	15.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.00%
20) 2-Butanone-d5	7.07	46	92935	52.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.84%
24) Chloroform-d	7.64	84	266355	22.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	8.30	65	147705	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	8.27	84	568619	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	177089	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.32	98	517968	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.48%
38) trans-1,3-Dichloropropene-	10.57	79	70717	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.28%
39) 2-Hexanone-d5	10.92	63	69296	50.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140196	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	156423	23.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

Target Compounds

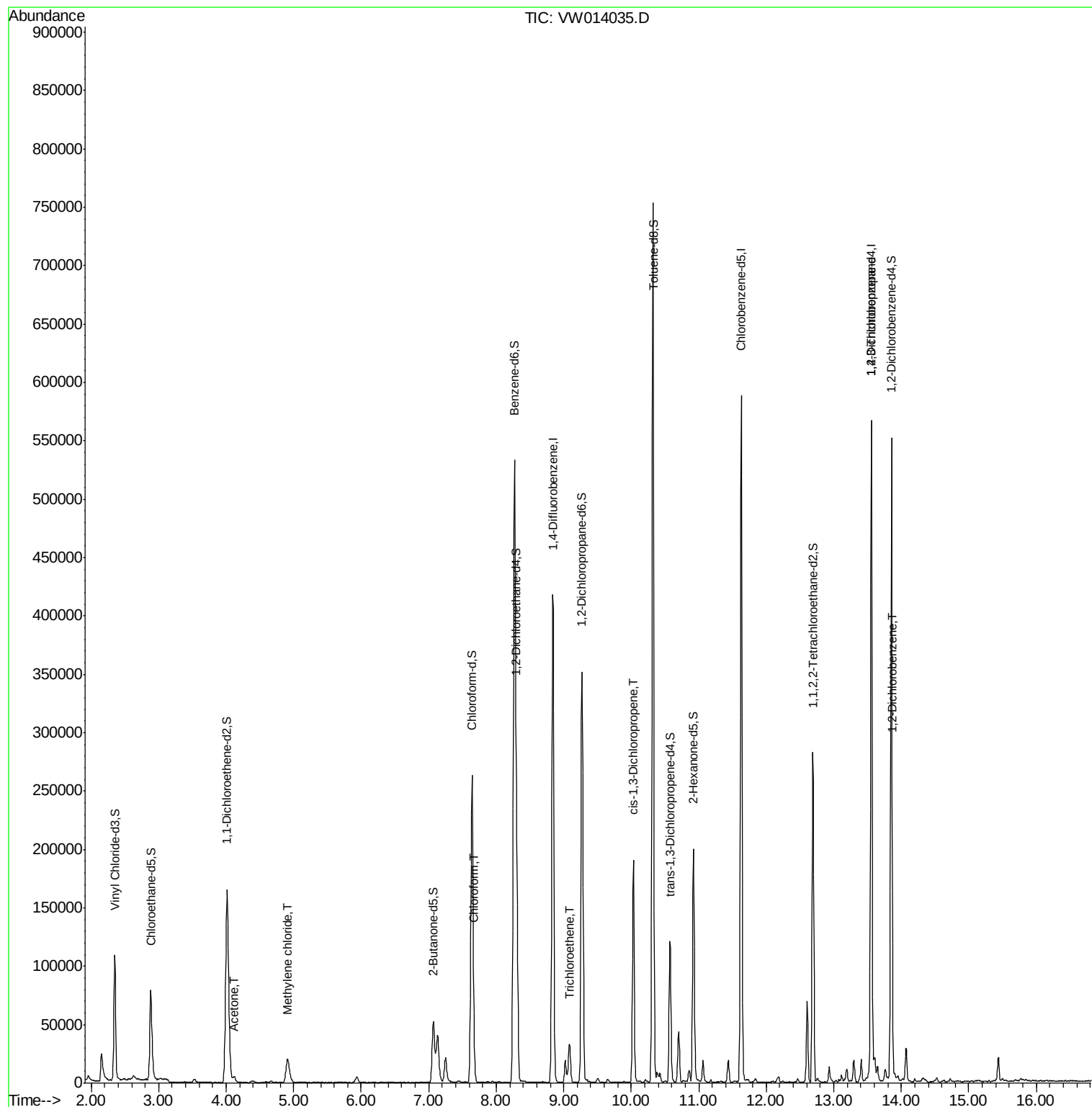
					Ovalue
13) Acetone	4.12	43	8583	4.803 ug/L	46
16) Methylene chloride	4.91	84	18497	2.536 ug/L	94
25) Chloroform	7.67	83	5250	0.476 ug/L	92
35) Trichloroethene	9.09	95	10031	1.473 ug/L #	92
42) cis-1,3-Dichloropropene	10.03	75	4432	0.457 ug/L #	69
59) 1,2,3-Trichloropropane	13.55	75	16993	4.285 ug/L	90
65) 1,2-Dichlorobenzene	13.87	146	4004	0.394 ug/L	90

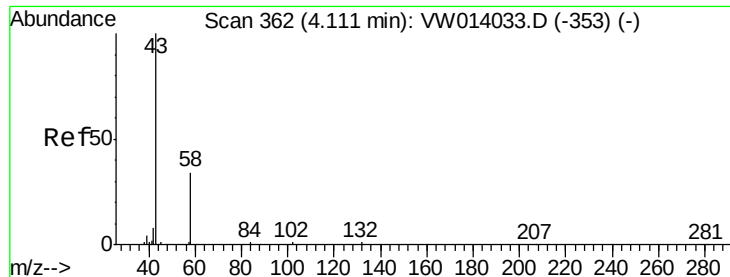
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111519\
Data File : VW014035.D
Acq On : 15 Nov 2019 12:42
Operator : SY/VA
Sample : K5798-17RE
Misc : 3.88G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 16 04:08:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.803 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014035.D

Acq: 15 Nov 2019 12:42

Instrument :

MSVOA_W

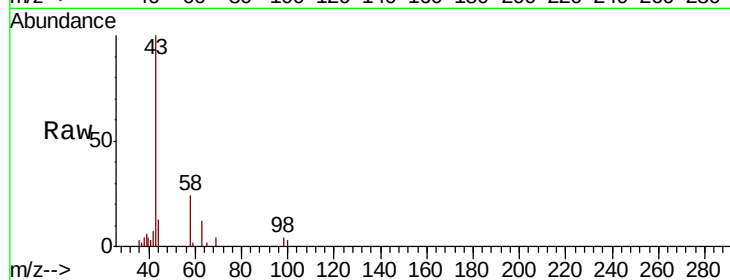
ClientSampleId :

Tot Ion: 43 Resp: 8583

Ion Ratio Lower Upper

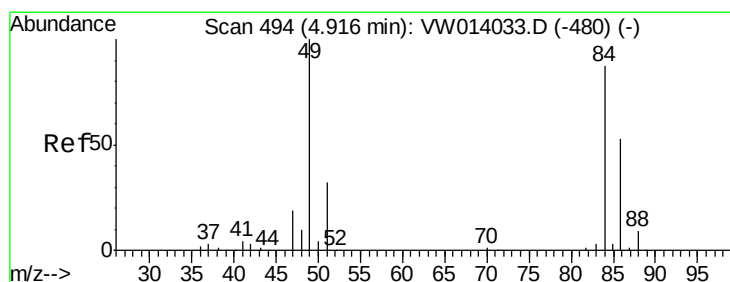
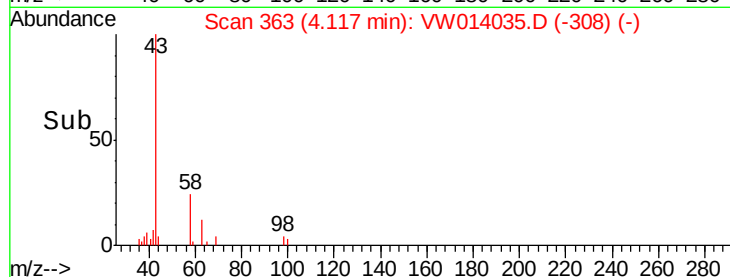
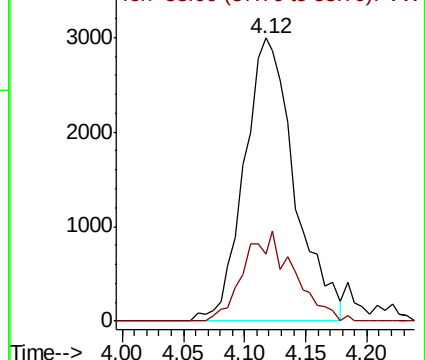
43 100

58 2.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.536 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014035.D

Acq: 15 Nov 2019 12:42

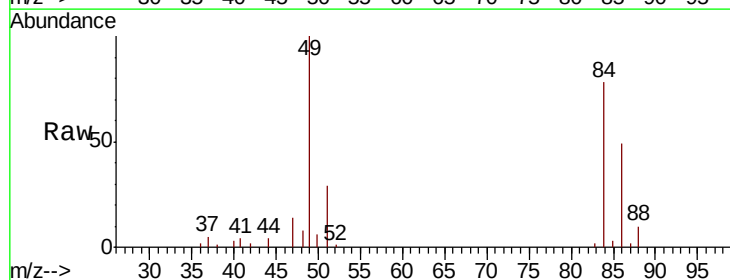
Tgt Ion: 84 Resp: 18497

Ion Ratio Lower Upper

84 100

49 128.9 84.2 156.4

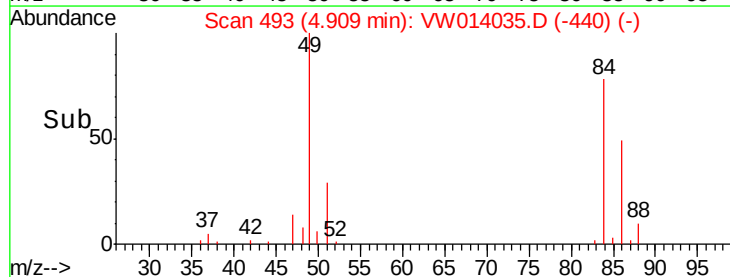
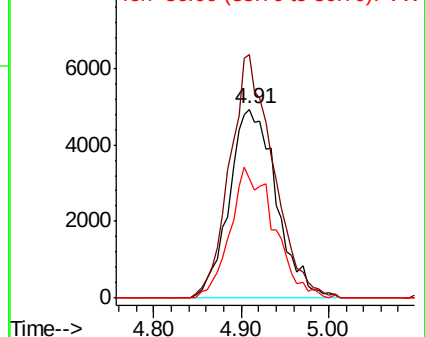
86 63.3 43.7 81.1

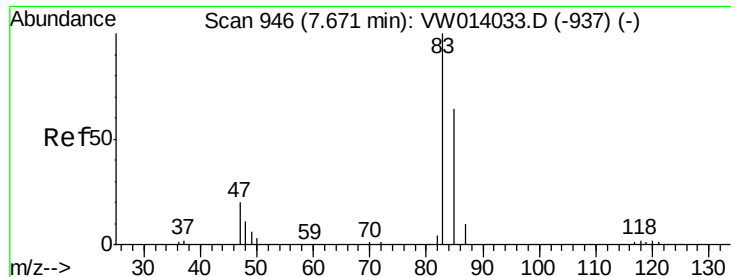


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

Chloroform

Concen: 0.476 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW014035.D

Acq: 15 Nov 2019 12:42

Instrument :

MSVOA_W

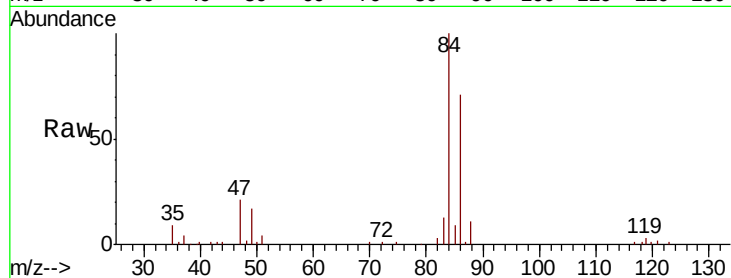
ClientSampleId :

Tot Ion: 83 Resp: 5250

Ion Ratio Lower Upper

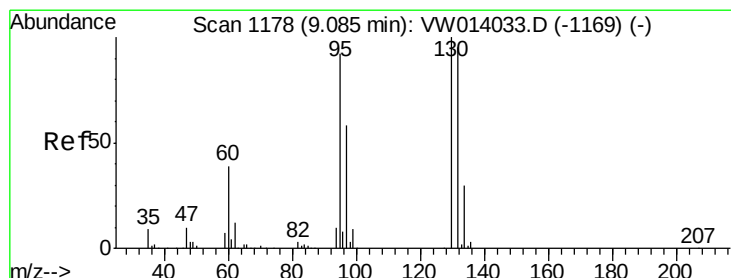
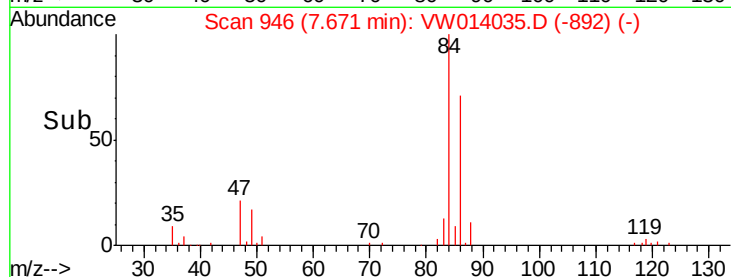
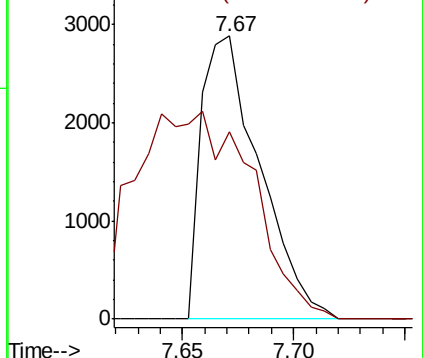
83 100

85 59.3 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#35

Trichloroethene

Concen: 1.473 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014035.D

Acq: 15 Nov 2019 12:42

Tgt Ion: 95 Resp: 10031

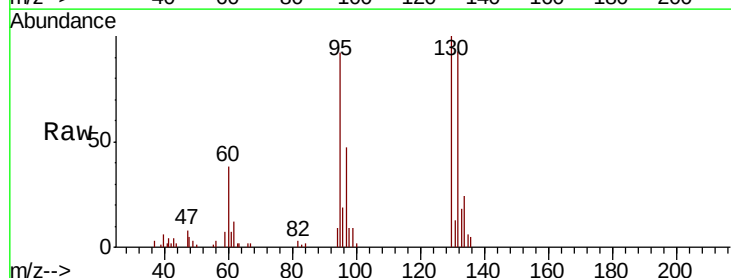
Ion Ratio Lower Upper

95 100

97 42.4 45.1 83.9#

132 107.6 73.7 136.9

130 107.1 76.6 142.2

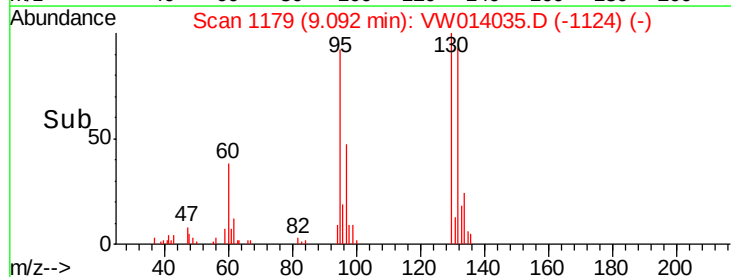
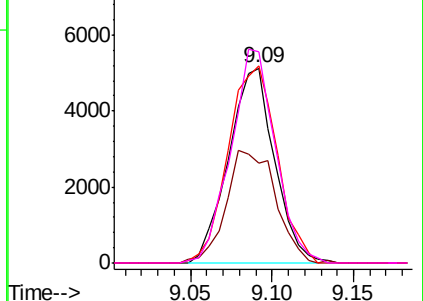


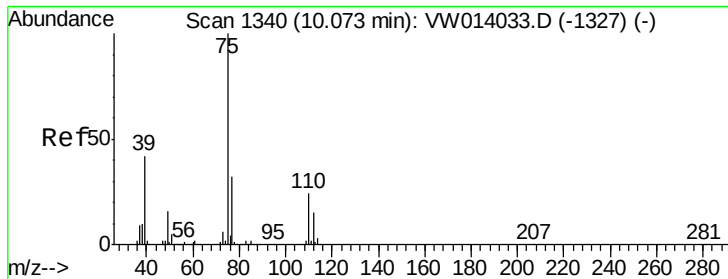
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#42

cis-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014035.D

Acq: 15 Nov 2019 12:42

Instrument :

MSVOA_W

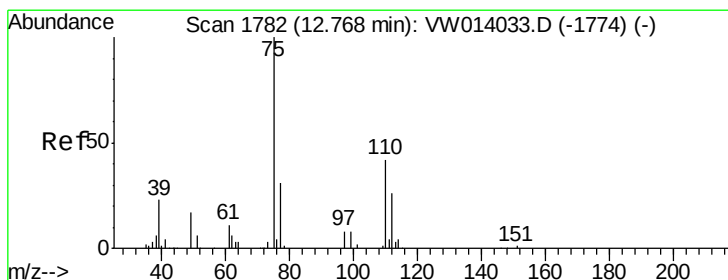
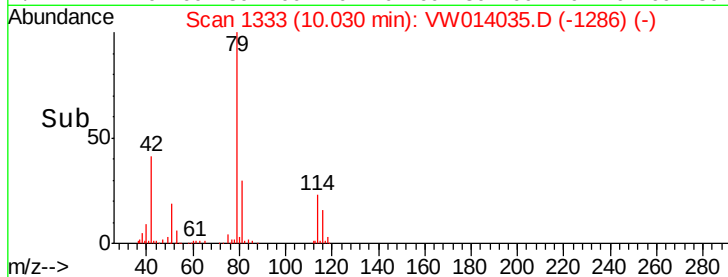
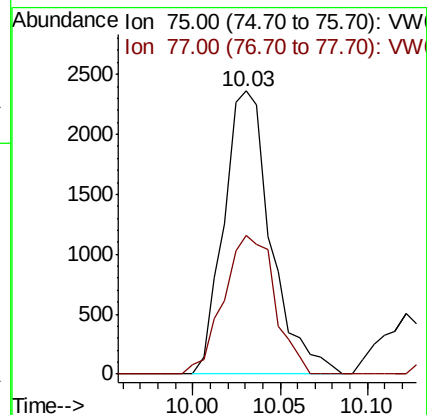
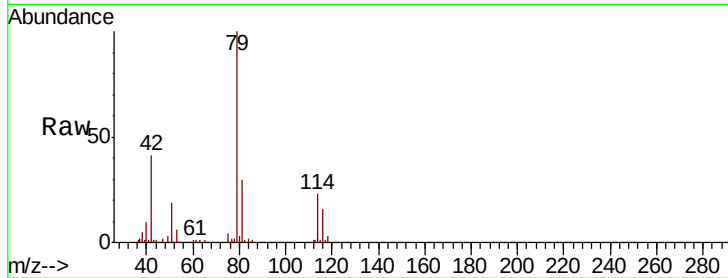
ClientSampleId :

Tot Ion: 75 Resp: 4432

Ion Ratio Lower Upper

75 100

77 49.0 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 4.285 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014035.D

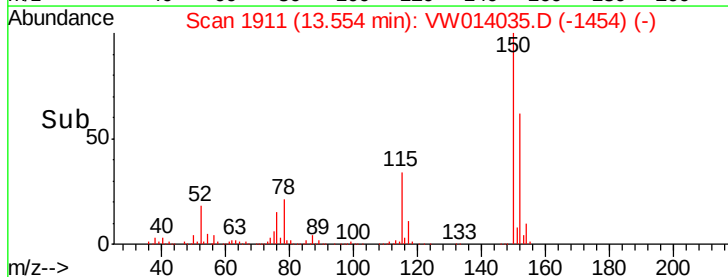
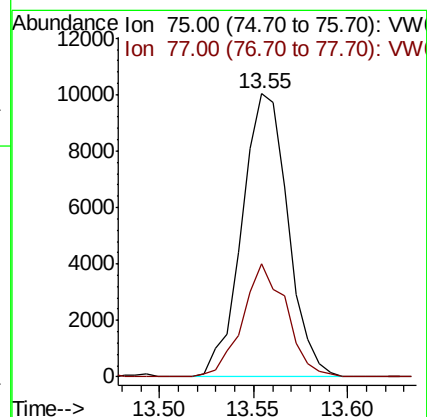
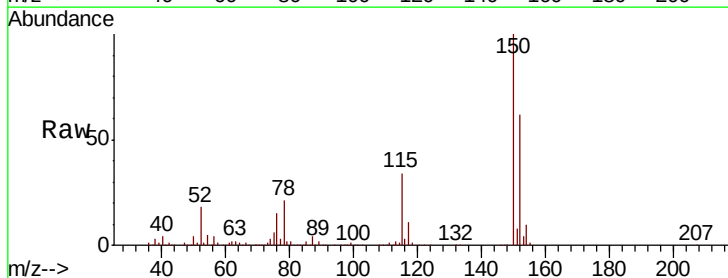
Acq: 15 Nov 2019 12:42

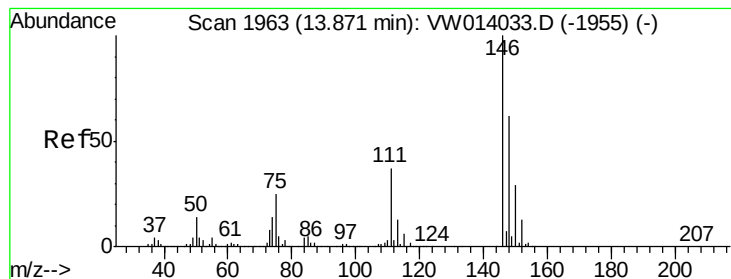
Tgt Ion: 75 Resp: 16993

Ion Ratio Lower Upper

75 100

77 38.3 25.9 38.9





#65

1,2-Dichlorobenzene

Concen: 0.394 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW014035.D

Acq: 15 Nov 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

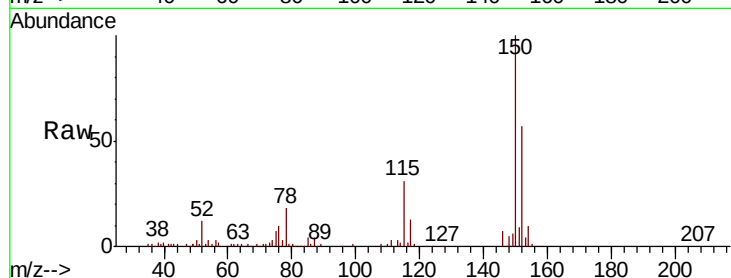
Tot Ion:146 Resp: 4004

Ion Ratio Lower Upper

146 100

111 41.6 30.5 45.7

148 72.0 49.4 74.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

