

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013866.D
 Acq On : 31 Oct 2019 19:04
 Operator : SY/VA
 Sample : K5596-12
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:14:13 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	268630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264196	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138347	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	83384	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.56%
7) Chloroethane-d5	2.89	69	66833	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
10) 1,1-Dichloroethene-d2	4.02	63	127616	15.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.36%
20) 2-Butanone-d5	7.07	46	77481	53.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.82%
24) Chloroform-d	7.65	84	189750	23.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	8.30	65	111183	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
29) Benzene-d6	8.27	84	398662	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
33) 1,2-Dichloropropane-d6	9.27	67	127211	24.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.20%
37) Toluene-d8	10.32	98	359641	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.58	79	49850	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.92	63	64739	54.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123769	26.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	128821	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

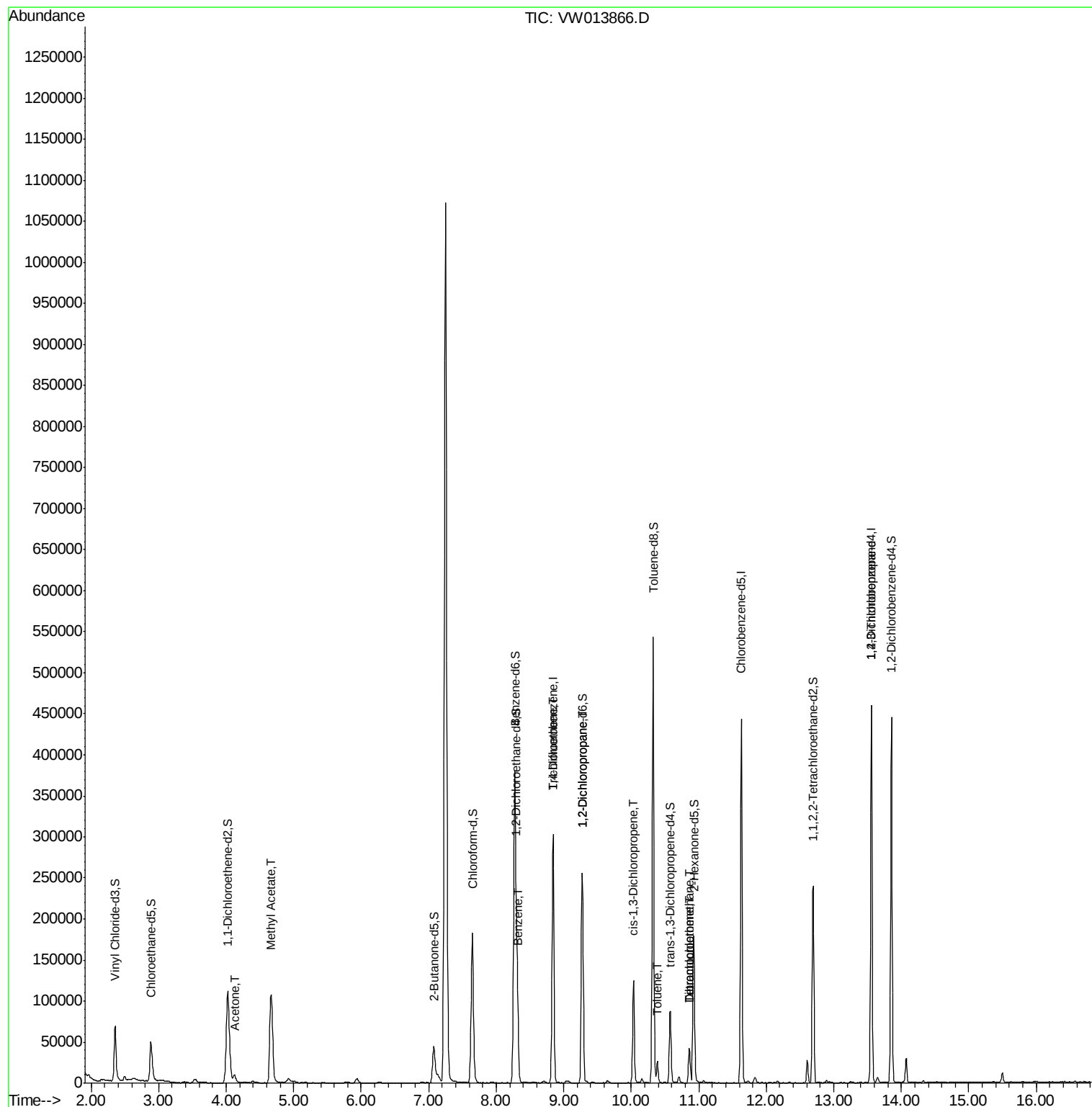
					Ovalue
13) Acetone	4.12	43	14582	10.841	ug/L 76
15) Methyl Acetate	4.67	43	211768	85.503	ug/L 99
34) Benzene	8.32	78	19041	1.039	ug/L 100
35) Trichloroethene	8.84	95	7560	1.564	ug/L # 2
40) 1,2-Dichloropropane	9.27	63	13040	2.881	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	2831	0.398	ug/L # 64
44) Toluene	10.39	91	20274	1.025	ug/L 94
47) Tetrachloroethene	10.86	164	10474	2.412	ug/L 98
50) Dibromochloromethane	10.87	129	9268	2.185	ug/L # 12
59) 1,2,3-Trichloropropane	13.56	75	14063	4.029	ug/L 93

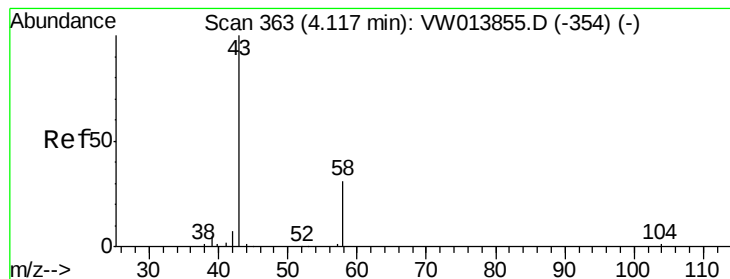
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.841 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013866.D

Acq: 31 Oct 2019 19:04

Instrument :

MSVOA_W

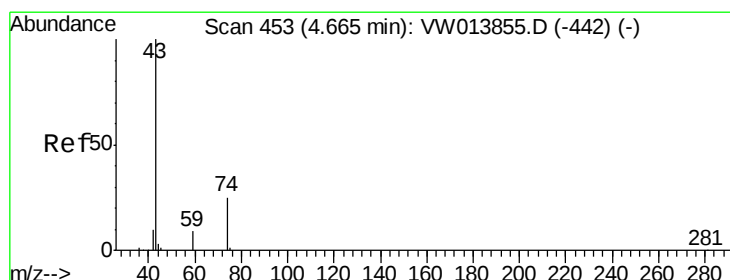
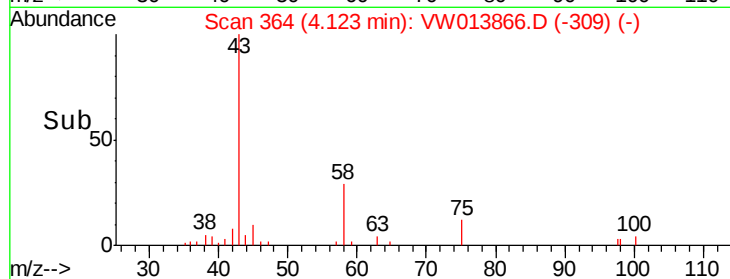
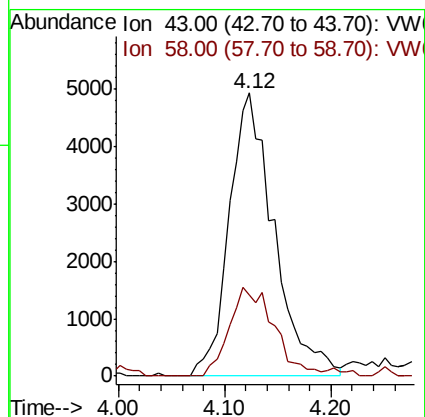
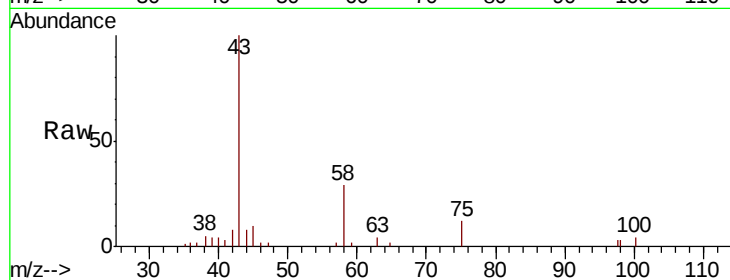
ClientSampled :

Tot Ion: 43 Resp: 14582

Ion Ratio Lower Upper

43 100

58 18.6 0.0 63.4



#15

Methyl Acetate

Concen: 85.503 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013866.D

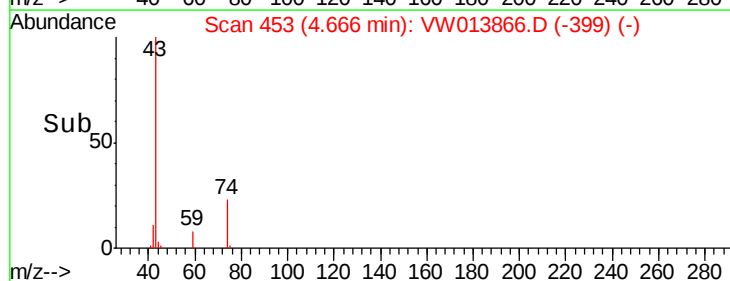
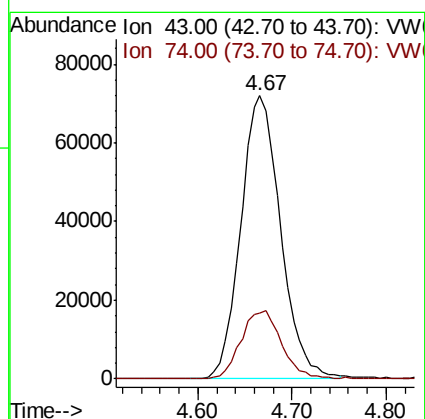
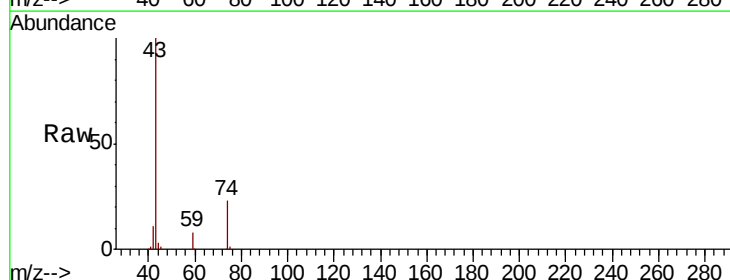
Acq: 31 Oct 2019 19:04

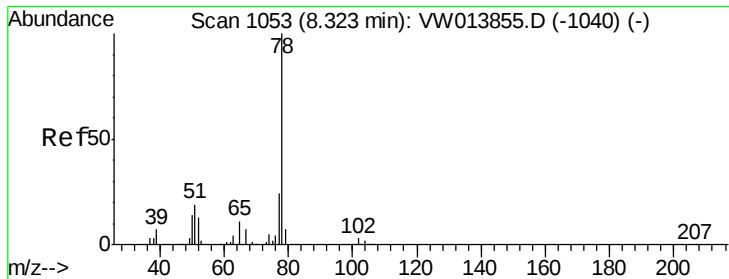
Tgt Ion: 43 Resp: 211768

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8





#34

Benzene

Concen: 1.039 ug/L

RT: 8.32 min Scan# 1053

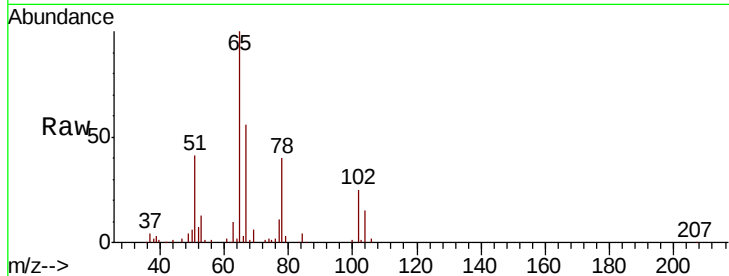
Delta R.T. 0.00 min

Lab File: VW013866.D

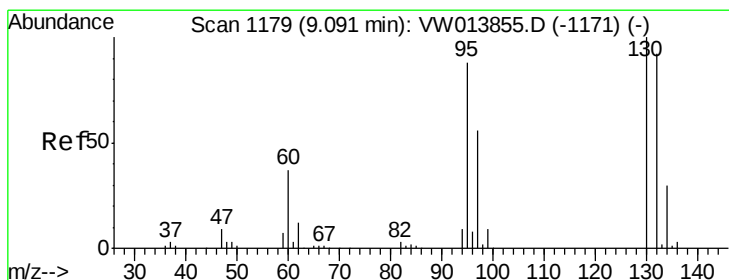
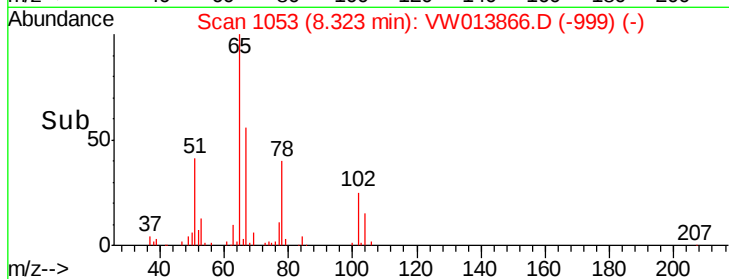
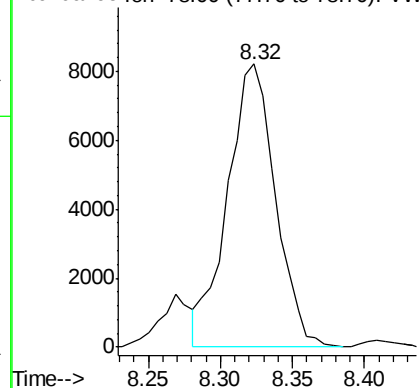
Acq: 31 Oct 2019 19:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 78 Resp: 19041



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.564 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013866.D

Acq: 31 Oct 2019 19:04

Tgt Ion: 95 Resp: 7560

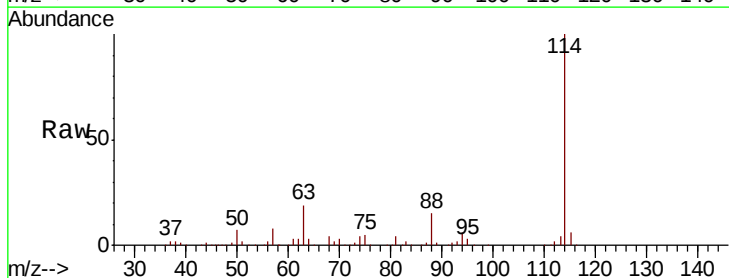
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 72.4 134.4#

130 0.0 76.6 142.3#

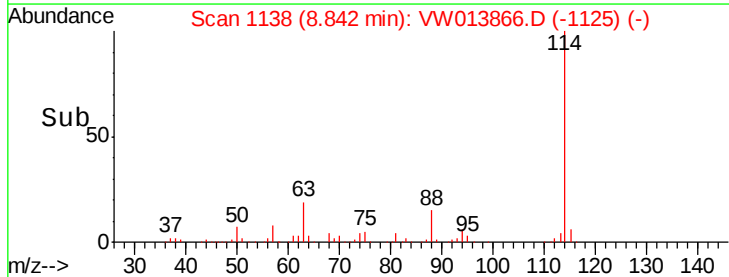
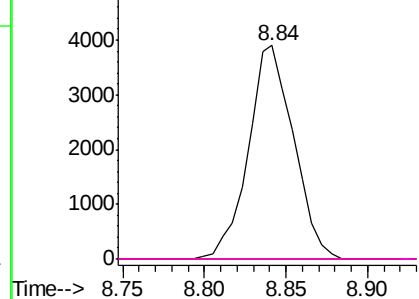


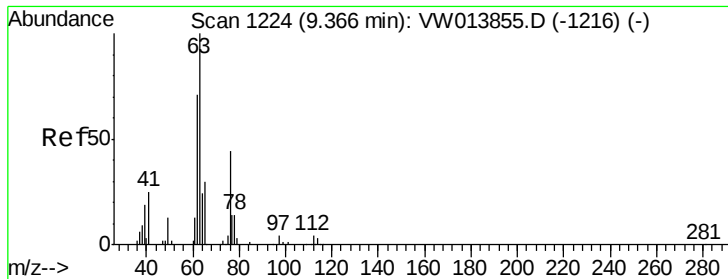
Abundance Ion 95.00 (94.70 to 95.70): VW

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

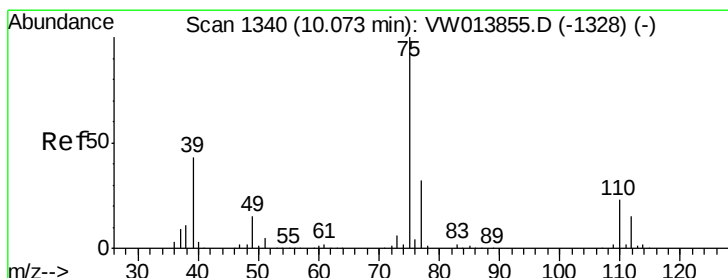
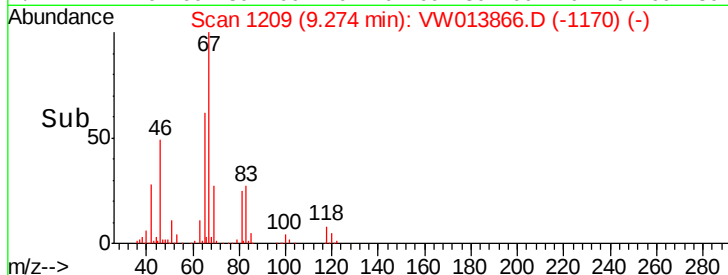
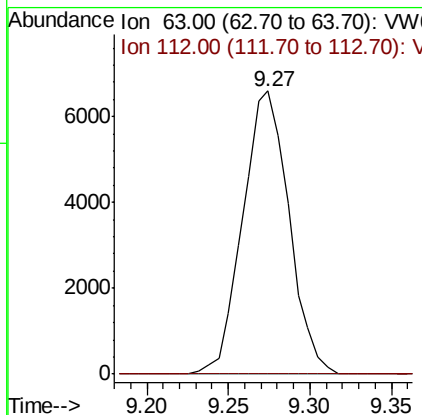
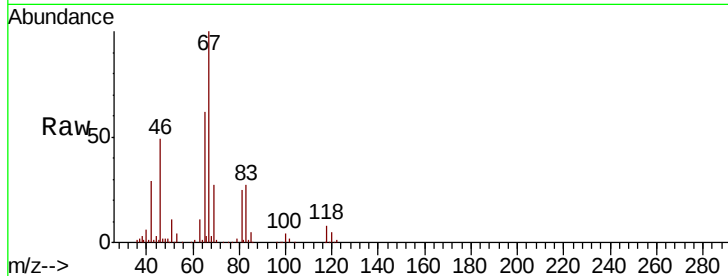




#40
 1,2-Dichloropropane
 Concen: 2.881 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW013866.D
 Acq: 31 Oct 2019 19:04

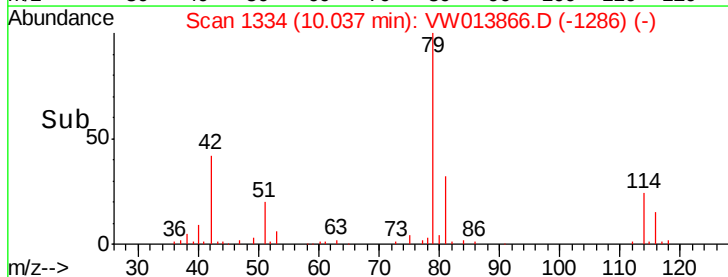
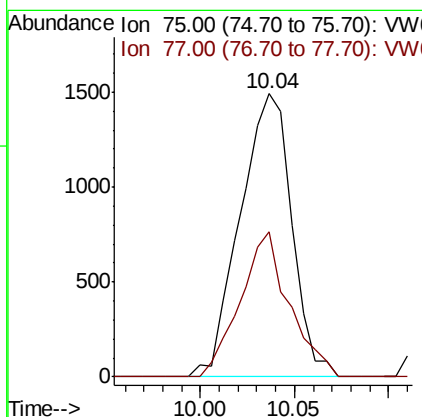
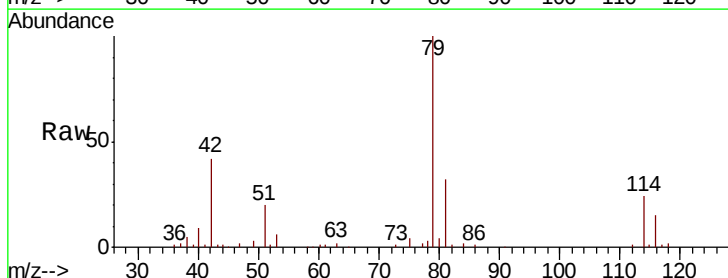
Instrument :
 MSVOA_W
 ClientSampled :

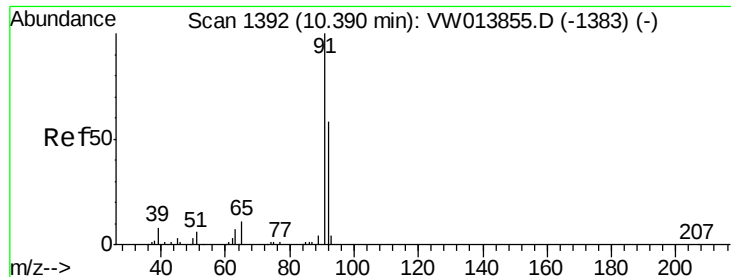
Tot Ion: 63 Resp: 13040
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.398 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW013866.D
 Acq: 31 Oct 2019 19:04

Tgt Ion: 75 Resp: 2831
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.1 41.1#





#44

Toluene

Concen: 1.025 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013866.D

Acq: 31 Oct 2019 19:04

Instrument :

MSVOA_W

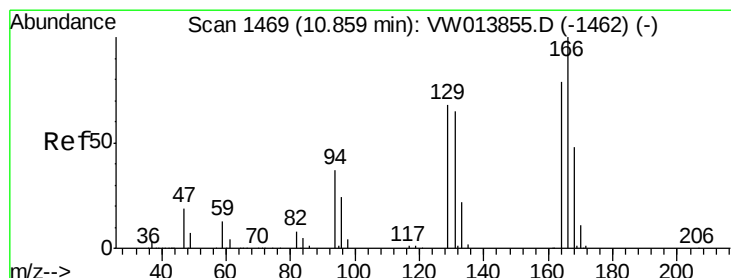
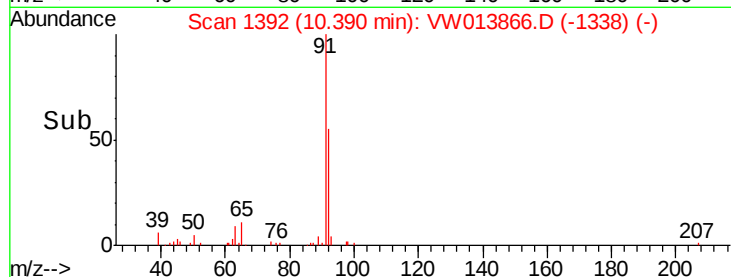
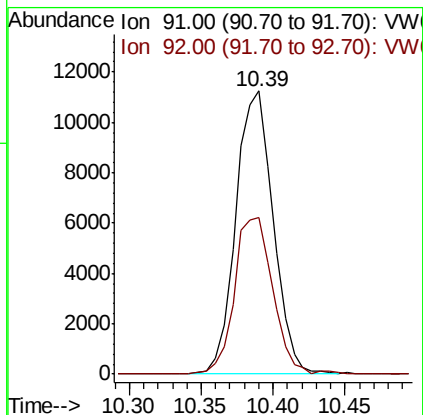
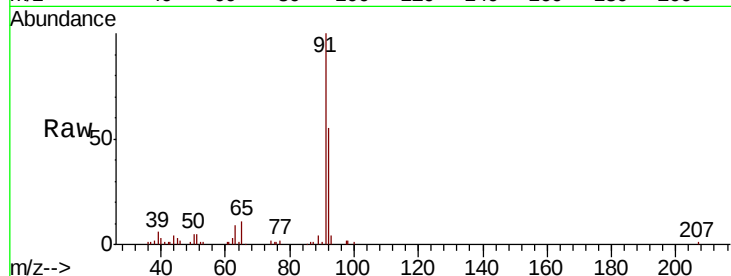
ClientSampled :

Tot Ion: 91 Resp: 20274

Ion Ratio Lower Upper

91 100

92 55.2 42.0 78.0



#47

Tetrachloroethene

Concen: 2.412 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013866.D

Acq: 31 Oct 2019 19:04

Tgt Ion: 164 Resp: 10474

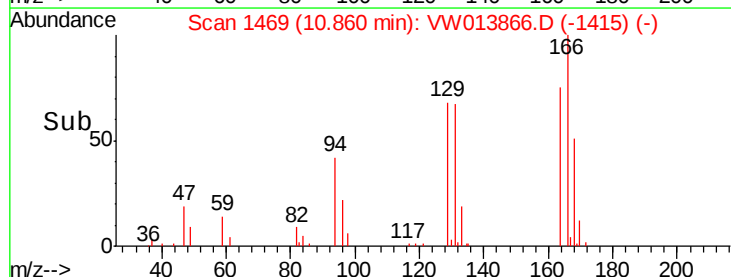
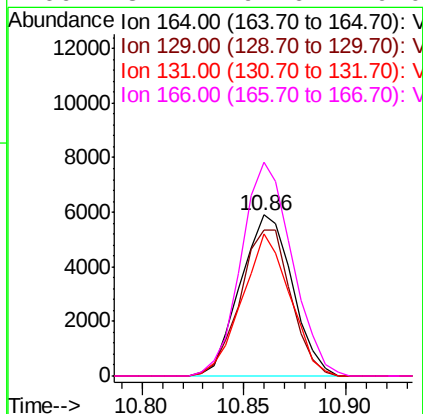
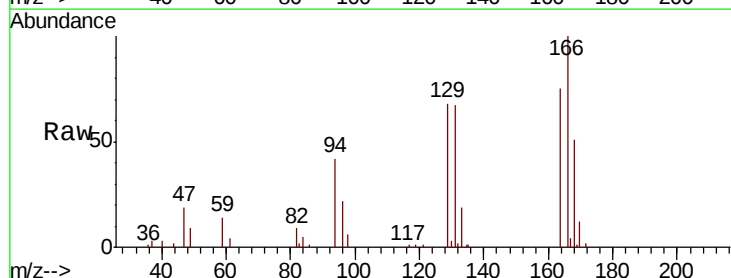
Ion Ratio Lower Upper

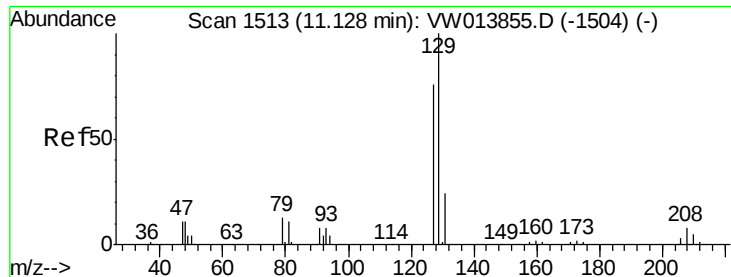
164 100

129 90.4 62.5 116.1

131 88.3 59.8 111.0

166 132.7 91.6 170.0





#50

Dibromochloromethane

Concen: 2.185 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW013866.D

Acq: 31 Oct 2019 19:04

Instrument :

MSVOA_W

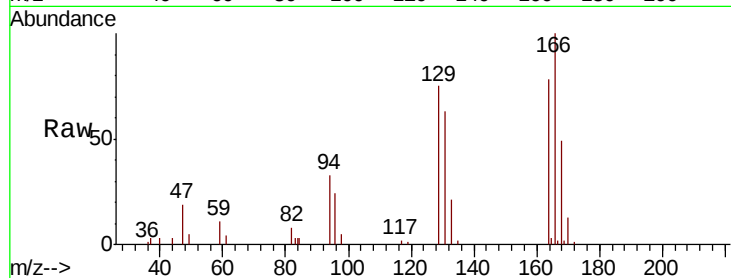
ClientSampleId :

Tot Ion:129 Resp: 9268

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

6000

5000

4000

3000

2000

1000

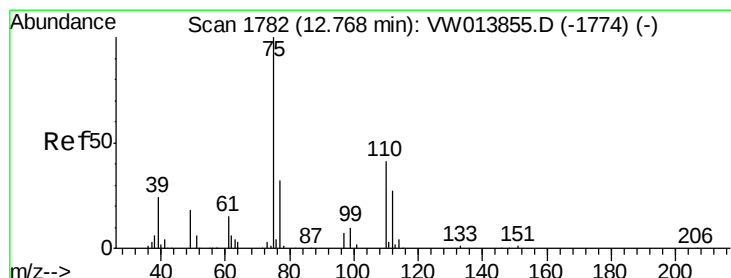
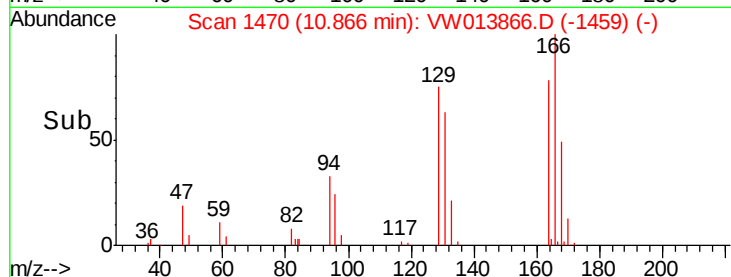
0

10.80

10.85

10.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.029 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013866.D

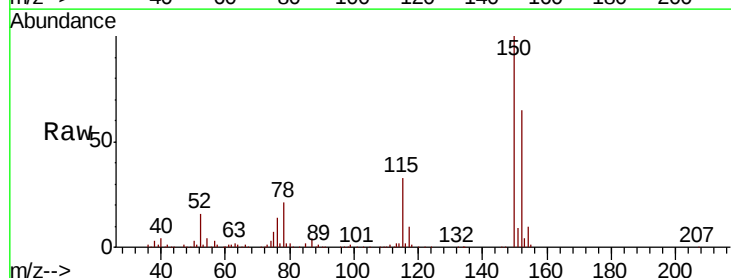
Acq: 31 Oct 2019 19:04

Tgt Ion: 75 Resp: 14063

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10000

8000

6000

4000

2000

0

13.50

13.55

13.60

Time-->

