

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013881.D
 Acq On : 01 Nov 2019 05:10
 Operator : SY/VA
 Sample : K5552-14
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 05:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 05:55:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	321781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316660	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	137843	28.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.56%
7) Chloroethane-d5	2.89	69	111703	29.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.60%
10) 1,1-Dichloroethene-d2	4.02	63	204178	20.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.32%
20) 2-Butanone-d5	7.08	46	71961	41.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.60%
24) Chloroform-d	7.65	84	284080	28.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	8.31	65	146805	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.64%
29) Benzene-d6	8.27	84	607822	29.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.52%
33) 1,2-Dichloropropane-d6	9.27	67	183591	29.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.44%
37) Toluene-d8	10.32	98	565059	28.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.20%
38) trans-1,3-Dichloropropene-	10.58	79	71303	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
39) 2-Hexanone-d5	10.92	63	59794	42.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130449	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	197776	29.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.80%

Target Compounds

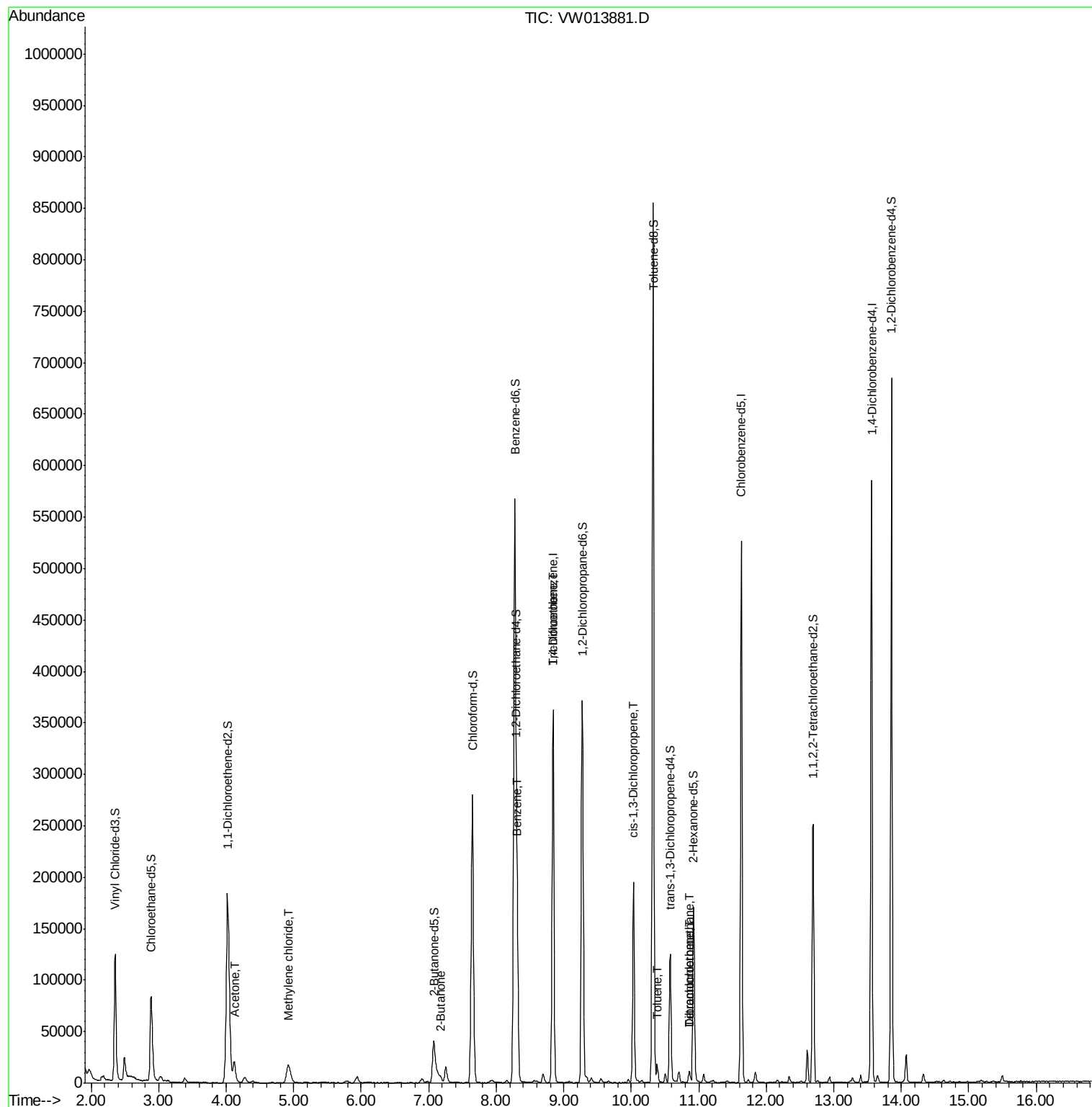
					Ovalue
13) Acetone	4.12	43	34057	21.137 ug/L	97
16) Methylene chloride	4.92	84	15867	2.522 ug/L	94
21) 2-Butanone	7.18	43	7568	3.273 ug/L	100
34) Benzene	8.32	78	13440	0.612 ug/L	100
35) Trichloroethene	8.84	95	9108	1.572 ug/L #	3
42) cis-1,3-Dichloropropene	10.03	75	4409	0.518 ug/L #	65
44) Toluene	10.39	91	12722	0.537 ug/L	98
47) Tetrachloroethene	10.86	164	2968	0.570 ug/L	77
50) Dibromochloromethane	10.86	129	2515	0.495 ug/L #	12

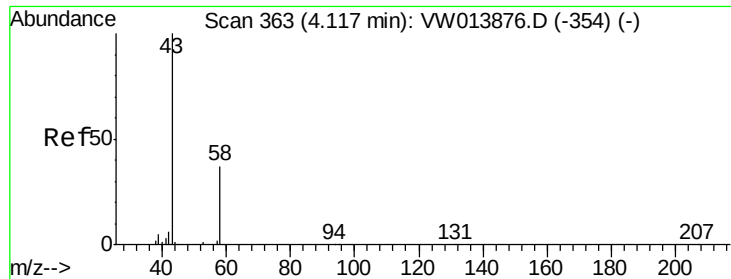
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 01 05:55:58 2019
Response via : Initial Calibration





#13

Acetone

Concen: 21.137 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

Instrument :

MSVOA_W

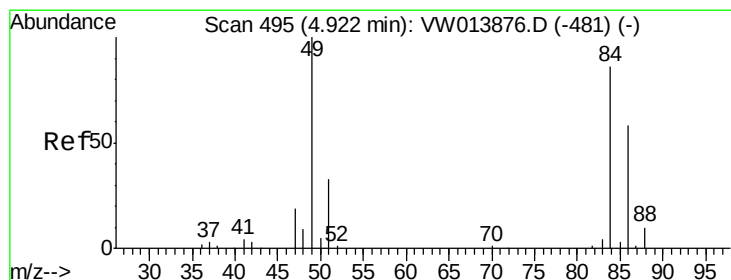
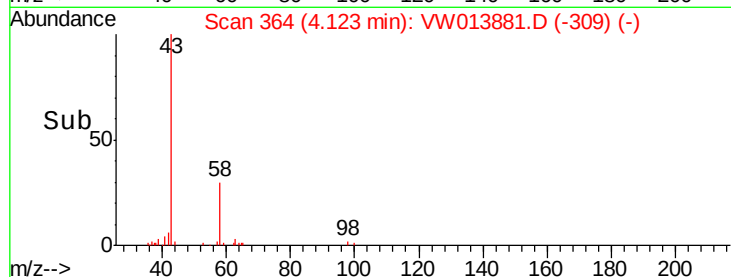
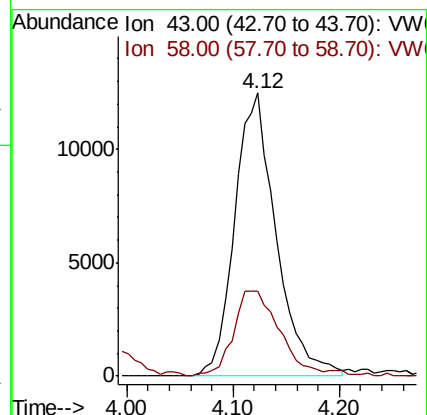
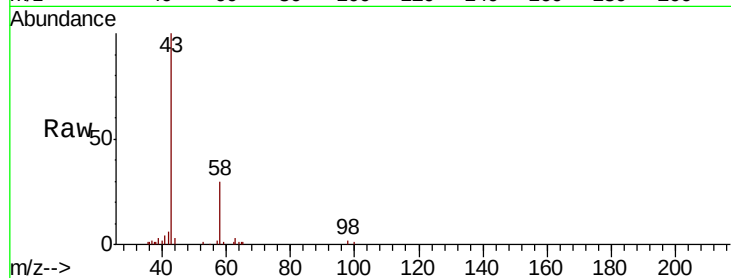
ClientSampleId :

Tot Ion: 43 Resp: 34057

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.4



#16

Methylene chloride

Concen: 2.522 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

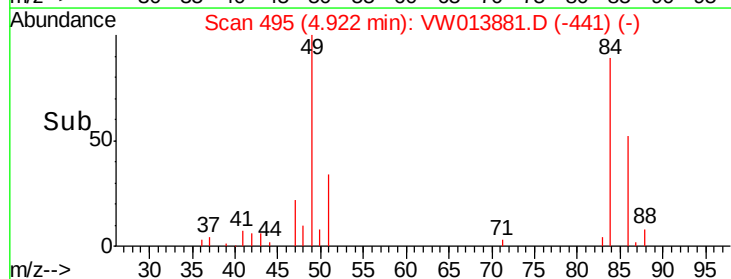
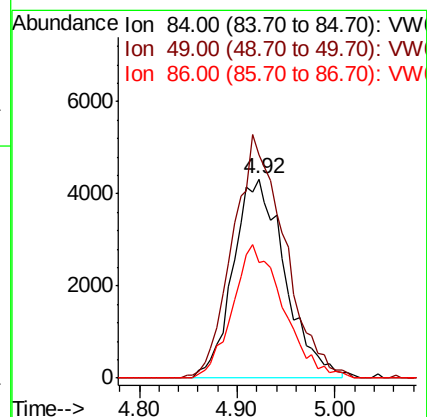
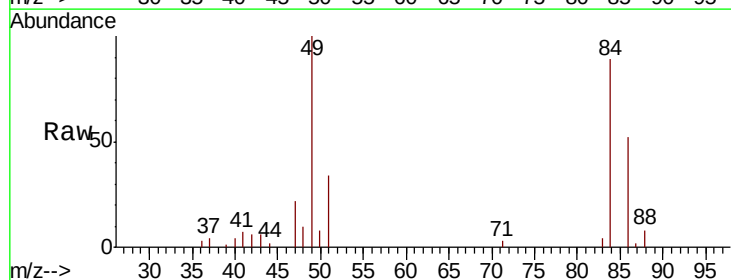
Tgt Ion: 84 Resp: 15867

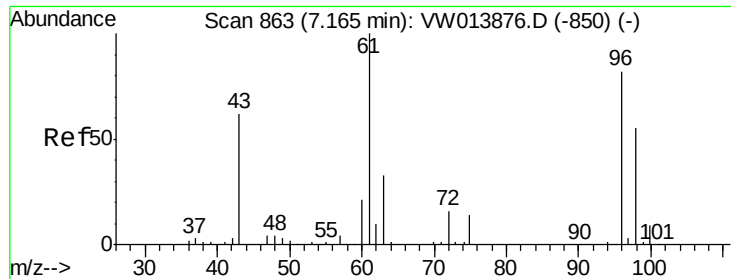
Ion Ratio Lower Upper

84 100

49 112.2 82.2 152.6

86 57.9 45.6 84.8





#21

2-Butanone

Concen: 3.273 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

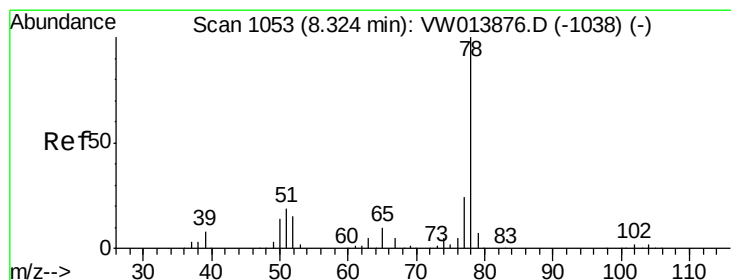
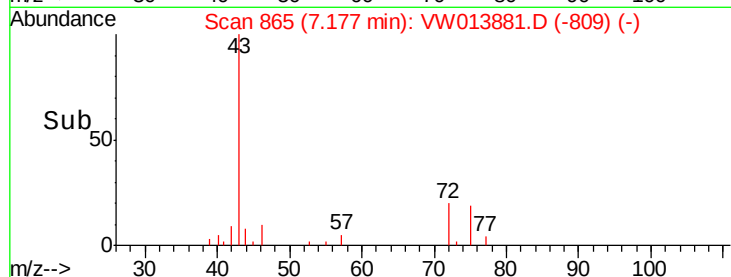
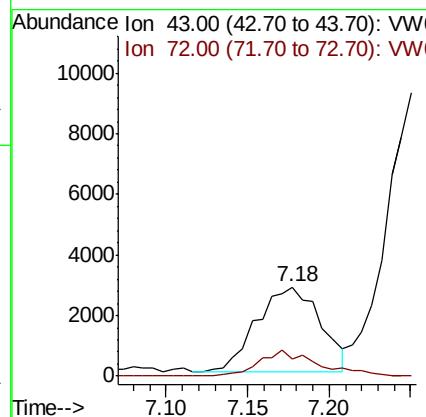
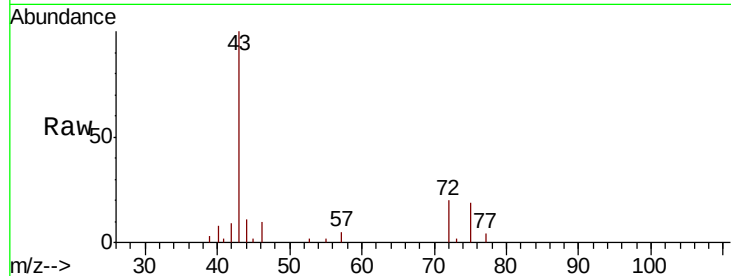
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7568

Ion Ratio Lower Upper

43 100

72 28.1 14.0 41.9



#34

Benzene

Concen: 0.612 ug/L

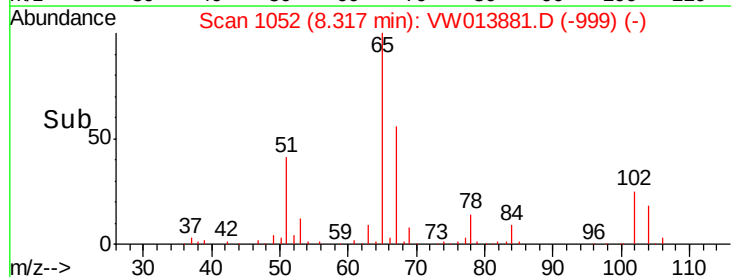
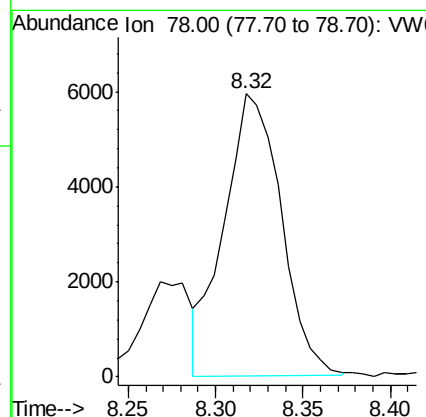
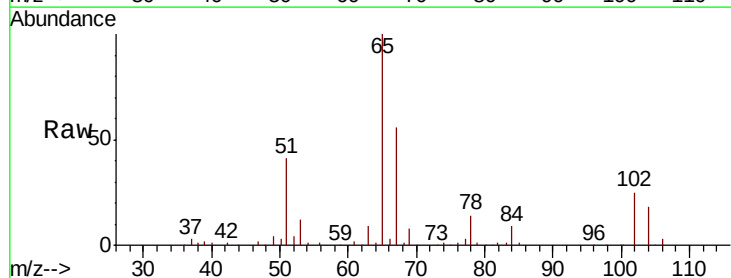
RT: 8.32 min Scan# 1052

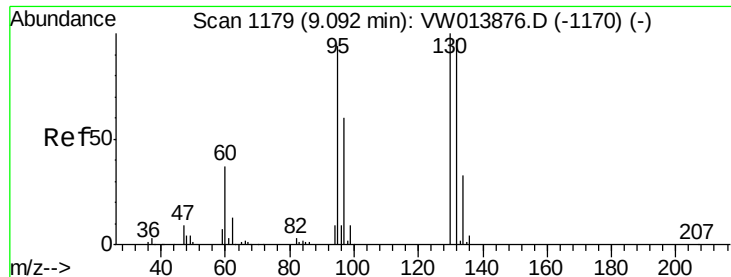
Delta R.T. -0.01 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

Tgt Ion: 78 Resp: 13440





#35

Trichloroethene

Concen: 1.572 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 9108

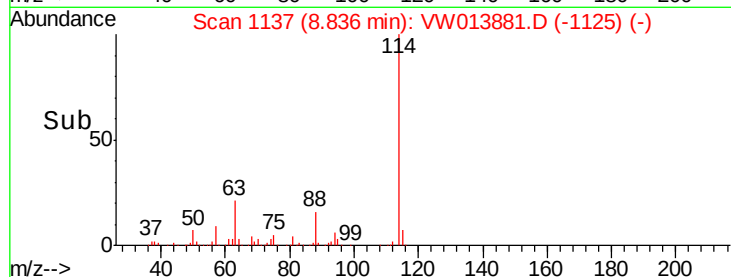
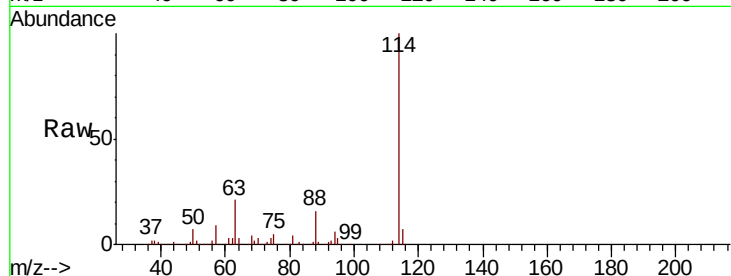
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.7 72.4 134.4#

130 1.5 76.6 142.3#

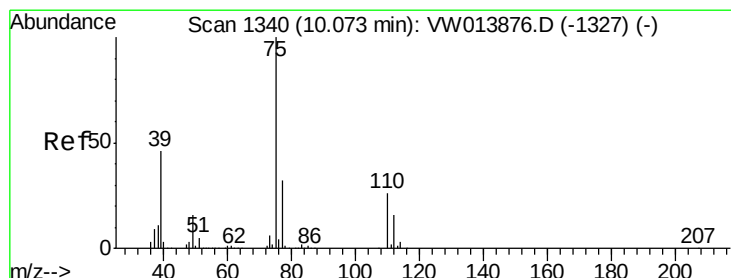
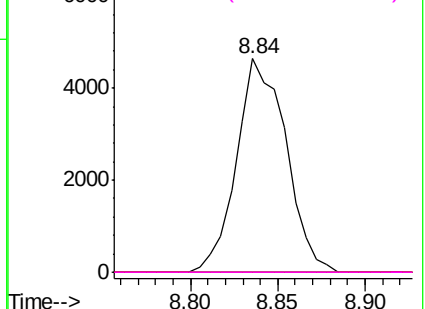


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013881.D

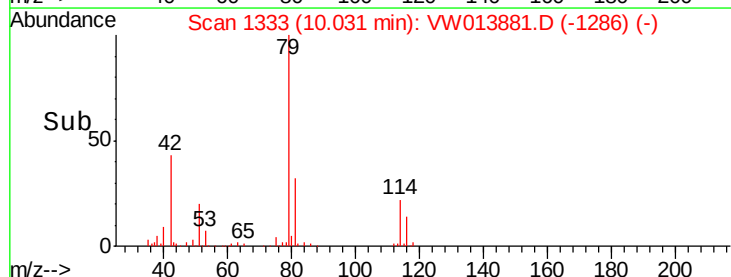
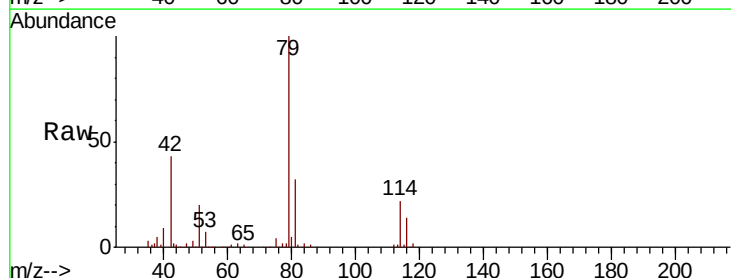
Acq: 01 Nov 2019 05:10

Tgt Ion: 75 Resp: 4409

Ion Ratio Lower Upper

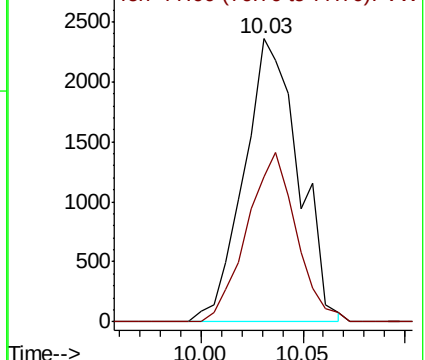
75 100

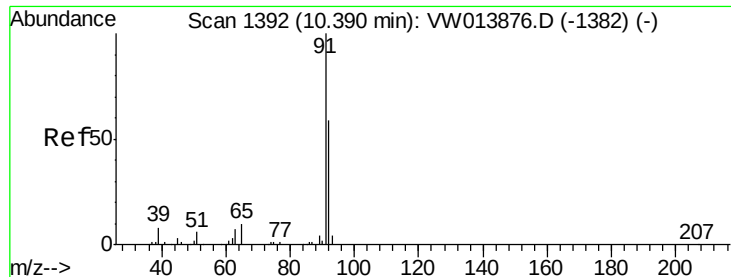
77 51.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.537 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

Instrument :

MSVOA_W

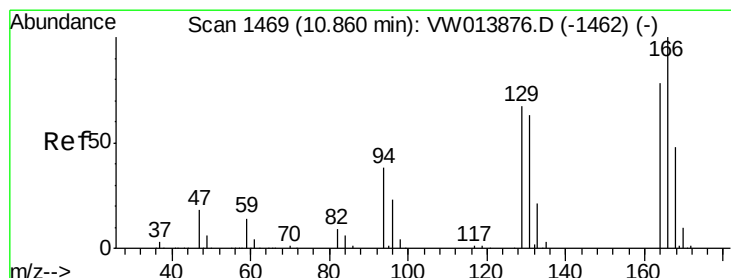
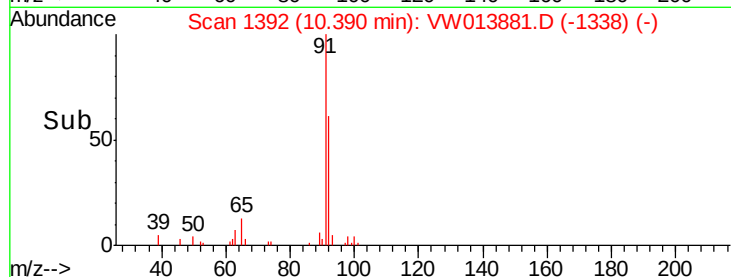
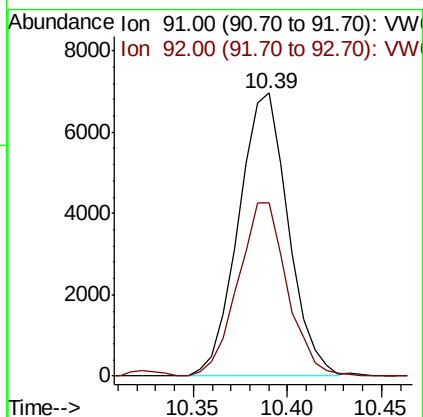
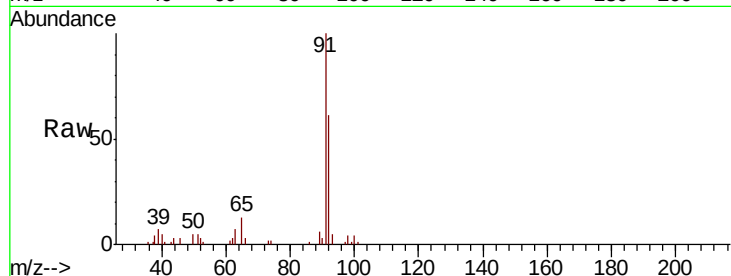
ClientSampleId :

Tot Ion: 91 Resp: 12722

Ion Ratio Lower Upper

91 100

92 61.4 42.0 78.0



#47

Tetrachloroethene

Concen: 0.570 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

Tgt Ion:164 Resp: 2968

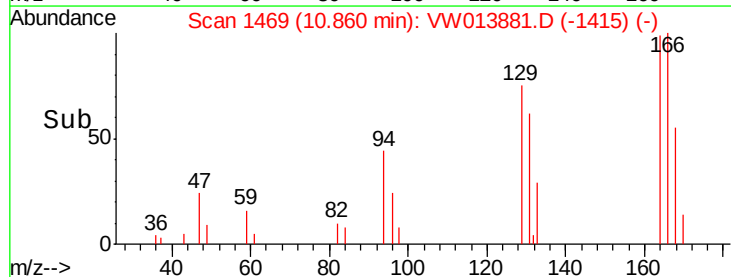
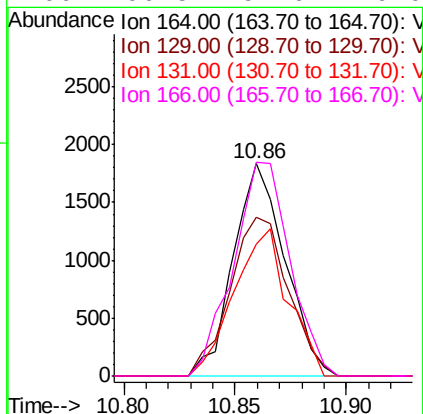
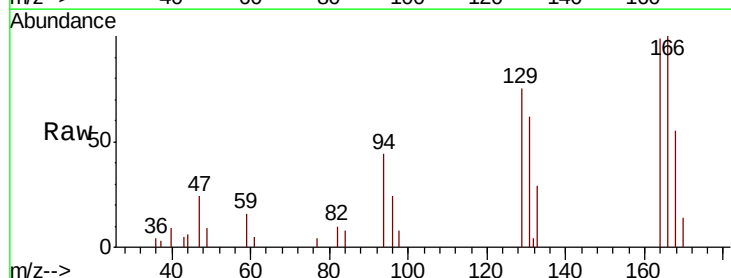
Ion Ratio Lower Upper

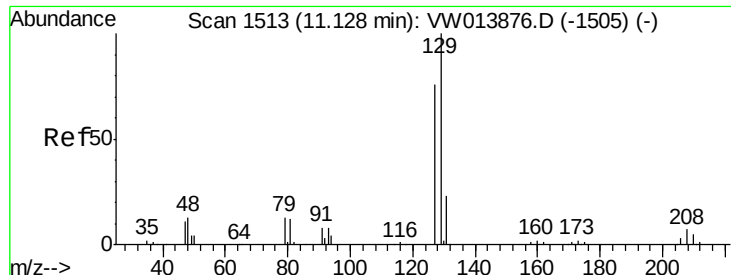
164 100

129 75.0 62.5 116.1

131 61.9 59.8 111.0

166 100.5 91.6 170.0





#50

Dibromochloromethane

Concen: 0.495 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW013881.D

Acq: 01 Nov 2019 05:10

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:129 Resp: 2515

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#

