

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015452.D
 Acq On : 22 May 2020 15:05
 Operator : SY/VA
 Sample : L2753-04
 Misc : 5.85G/10.0mL/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:56:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299752	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	55131	14.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.80%
7) Chloroethane-d5	2.90	69	70106	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
10) 1,1-Dichloroethene-d2	4.01	63	109629	14.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.48%
20) 2-Butanone-d5	7.08	46	76917	76.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.56%#
24) Chloroform-d	7.65	84	178816	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	8.31	65	116524	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.04%
29) Benzene-d6	8.27	84	327241	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.27	67	110560	29.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.12%
37) Toluene-d8	10.32	98	280582	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	10.58	79	48611	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.08%
39) 2-Hexanone-d5	10.93	63	60979	88.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.84%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98077	35.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.32%#
61) 1,2-Dichlorobenzene-d4	13.85	152	49447	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

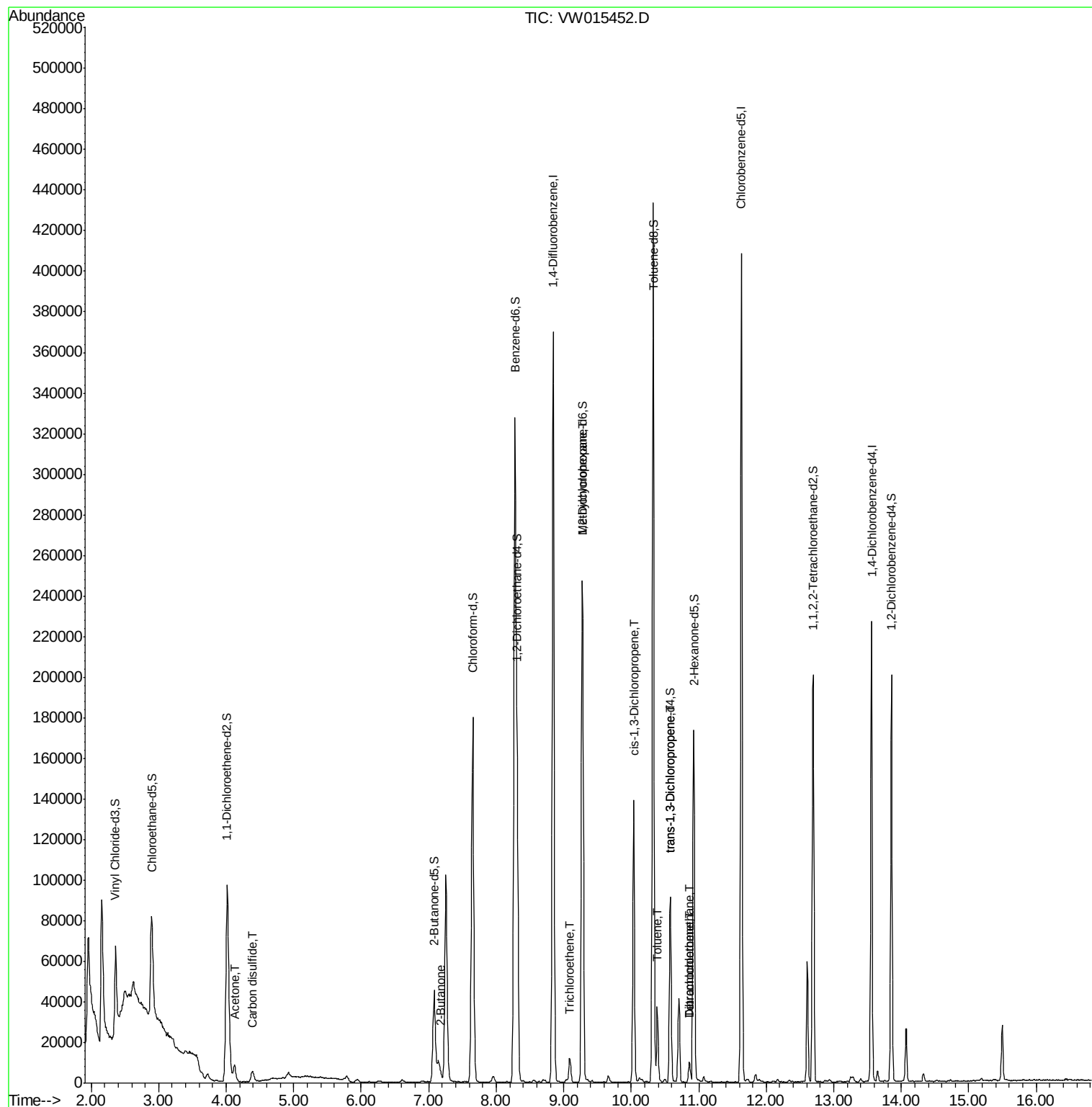
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	13805	18.199	ug/L	98
14) Carbon disulfide	4.38	76	7832	0.701	ug/L	95
21) 2-Butanone	7.18	43	3133	2.747	ug/L #	54
35) Trichloroethene	9.09	95	3551	1.012	ug/L	97
36) Methylcyclohexane	9.27	83	27689	4.443	ug/L #	17
42) cis-1,3-Dichloropropene	10.04	75	3638	0.688	ug/L #	63
44) Toluene	10.38	91	26833	1.874	ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2437	0.529	ug/L	97
47) Tetrachloroethene	10.86	164	2173	0.825	ug/L	88
50) Dibromochloromethane	10.86	129	2104	0.758	ug/L #	10

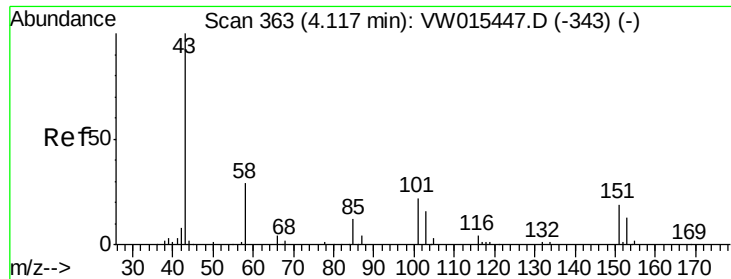
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 18.199 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015452.D

Acq: 22 May 2020 15:05

Instrument :

MSVOA_W

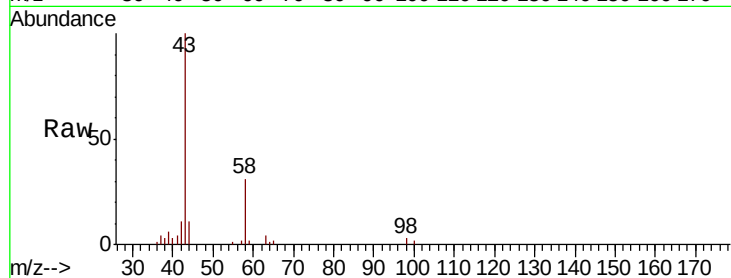
ClientSampled :

Tot Ion: 43 Resp: 13805

Ion Ratio Lower Upper

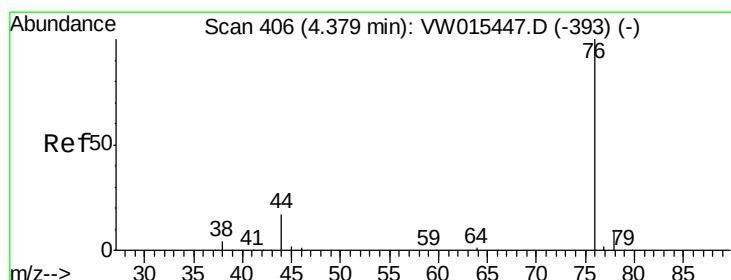
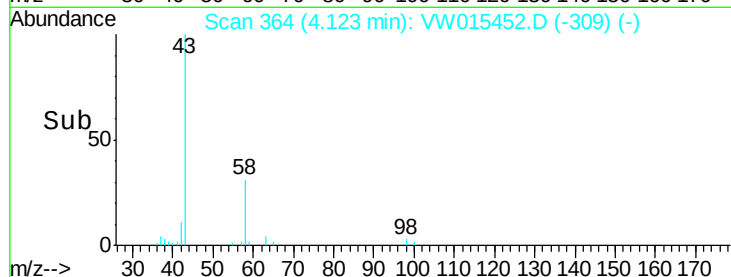
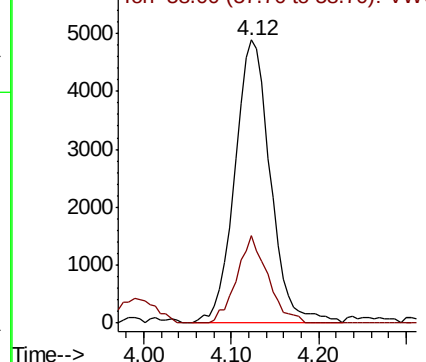
43 100

58 27.2 0.0 57.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.701 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015452.D

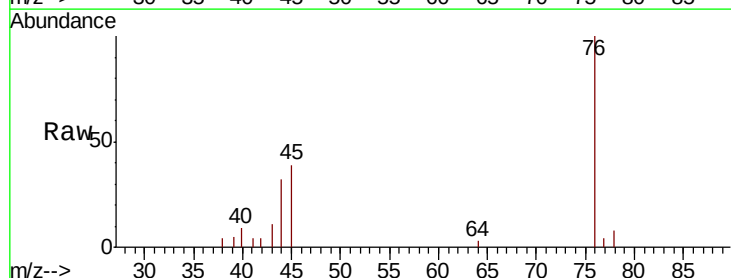
Acq: 22 May 2020 15:05

Tgt Ion: 76 Resp: 7832

Ion Ratio Lower Upper

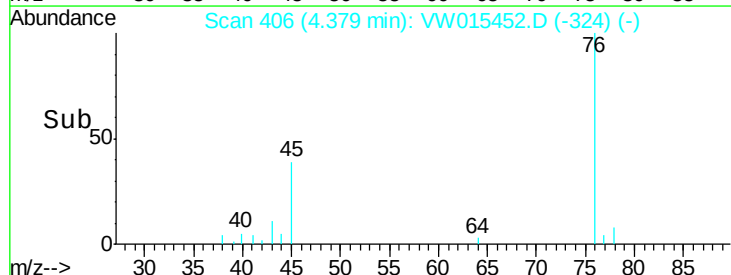
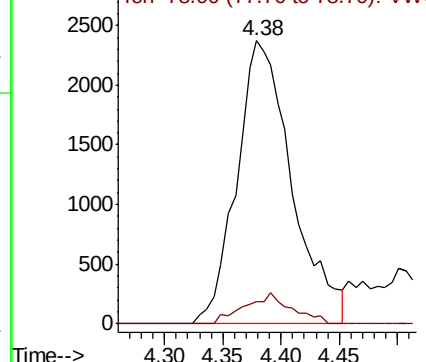
76 100

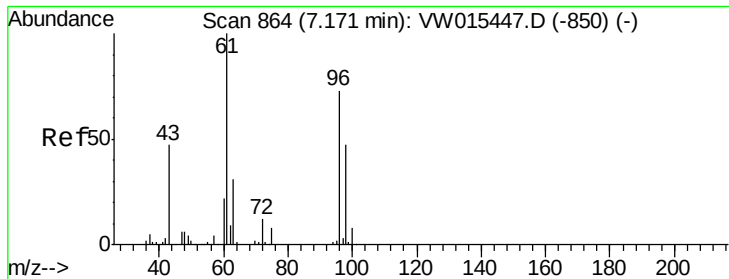
78 7.8 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 2.747 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015452.D

Acq: 22 May 2020 15:05

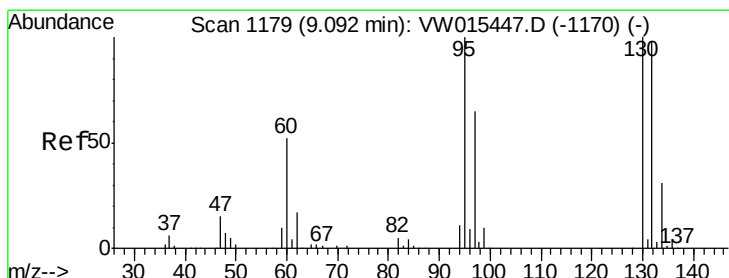
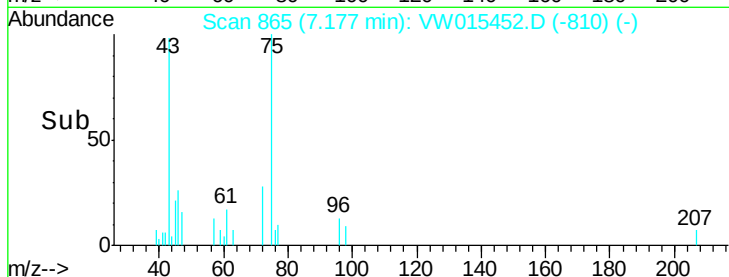
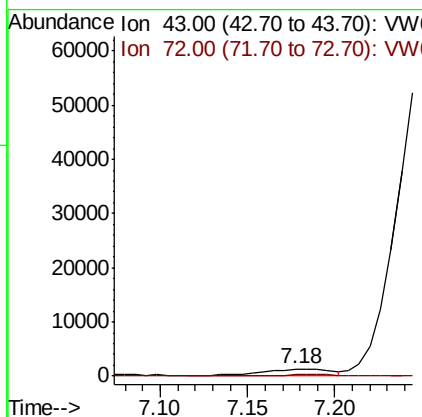
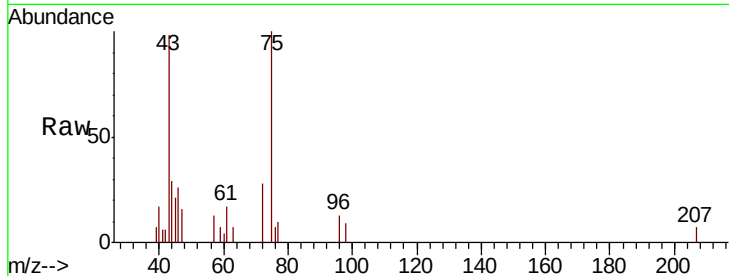
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3133

Ion Ratio Lower Upper

43 100

72 3.1 13.6 40.8#



#35

Trichloroethene

Concen: 1.012 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015452.D

Acq: 22 May 2020 15:05

Tgt Ion: 95 Resp: 3551

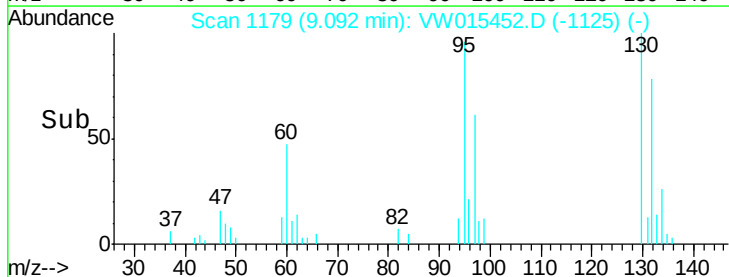
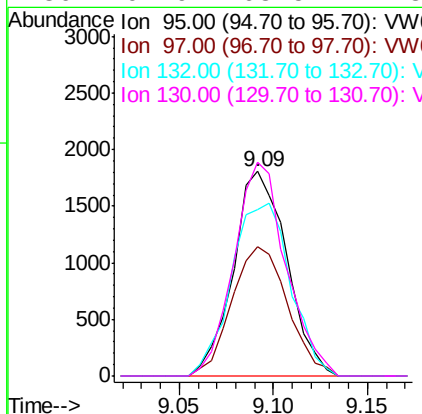
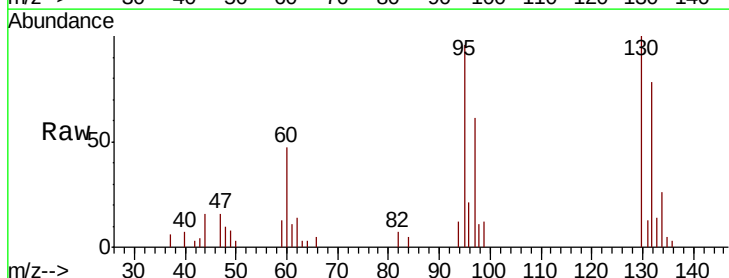
Ion Ratio Lower Upper

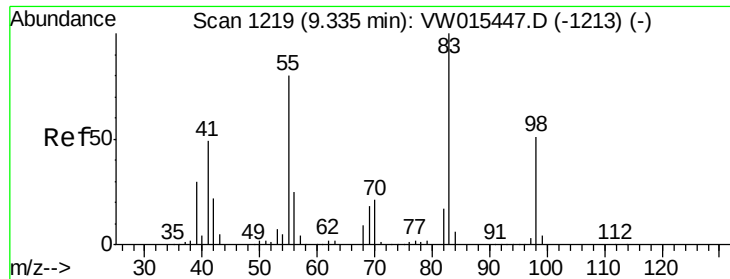
95 100

97 66.1 44.9 83.5

132 93.5 64.5 119.7

130 101.9 68.5 127.3

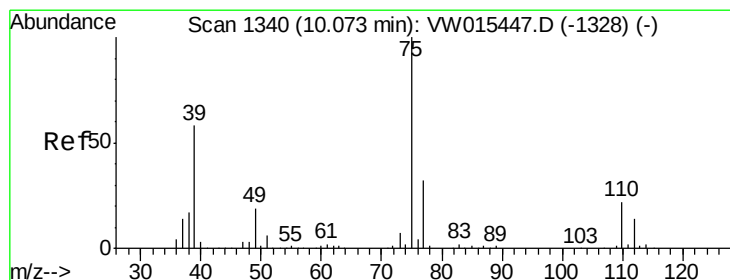
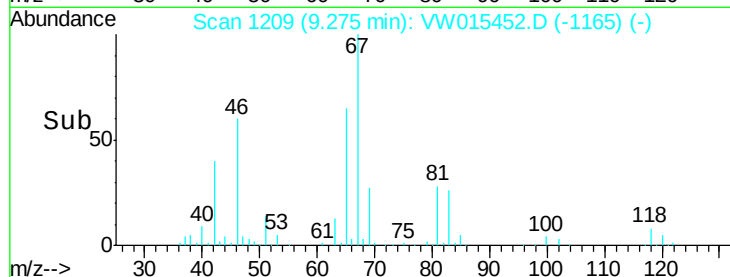
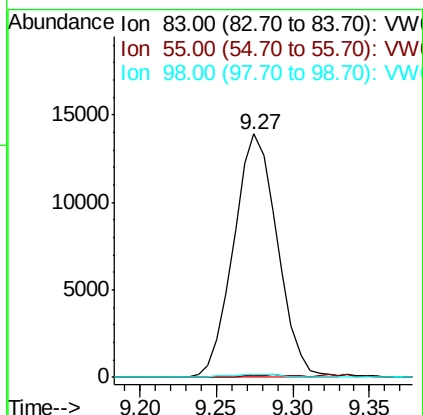
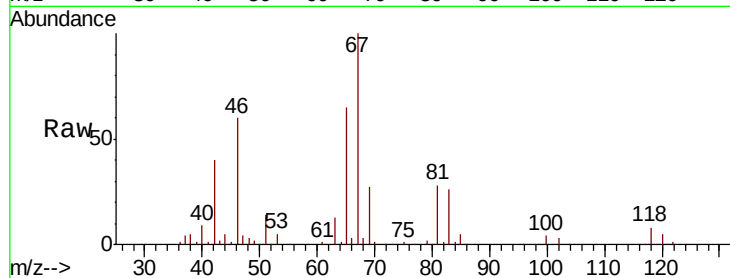




#36
Methylcyclohexane
Concen: 4.443 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015452.D
Acq: 22 May 2020 15:05

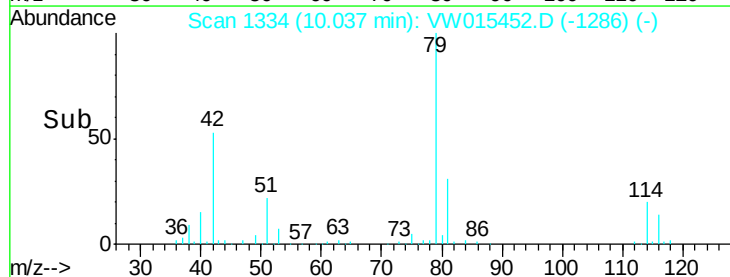
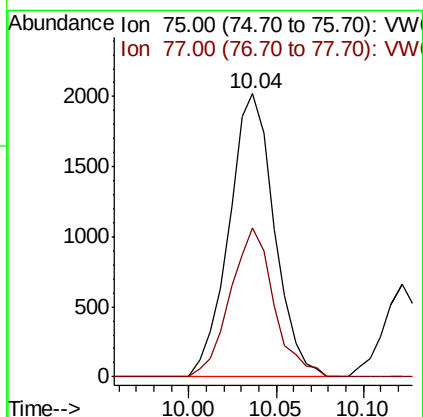
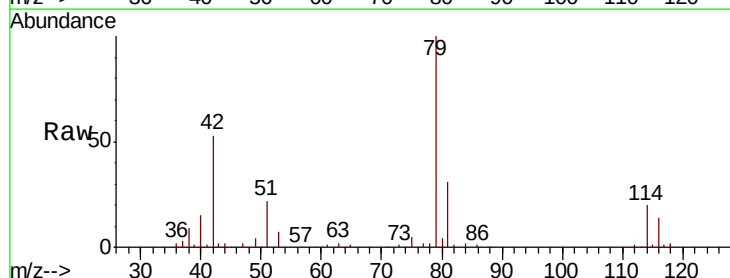
Instrument :
MSVOA_W
ClientSampleId :

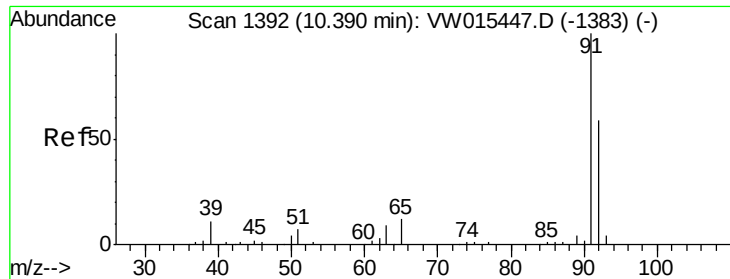
Tot Ion: 83 Resp: 27689
Ion Ratio Lower Upper
83 100
55 1.0 64.5 96.7#
98 1.1 39.8 59.6#



#42
cis-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015452.D
Acq: 22 May 2020 15:05

Tgt Ion: 75 Resp: 3638
Ion Ratio Lower Upper
75 100
77 52.4 22.4 41.6#





#44

Toluene

Concen: 1.874 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW015452.D

Acq: 22 May 2020 15:05

Instrument :

MSVOA_W

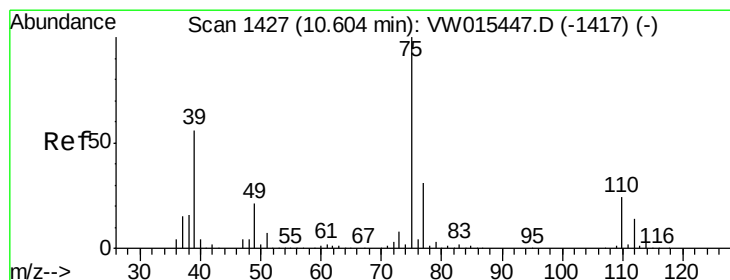
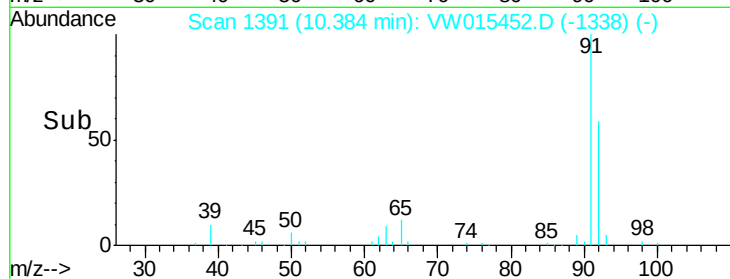
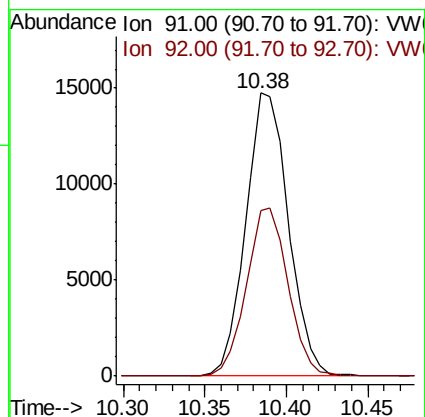
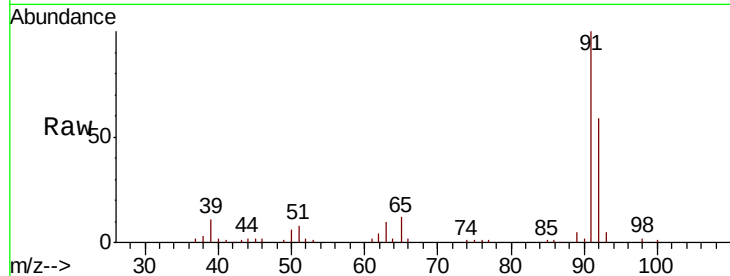
ClientSampled :

Tot Ion: 91 Resp: 26833

Ion Ratio Lower Upper

91 100

92 58.5 39.8 74.0



#45

trans-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW015452.D

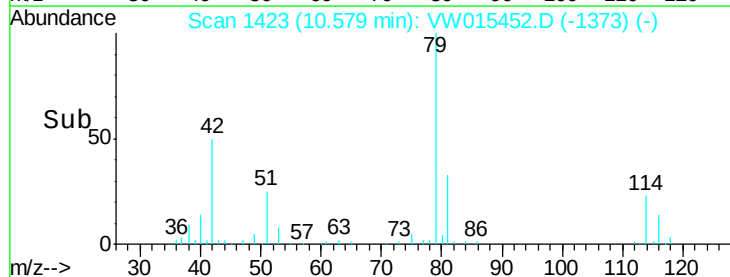
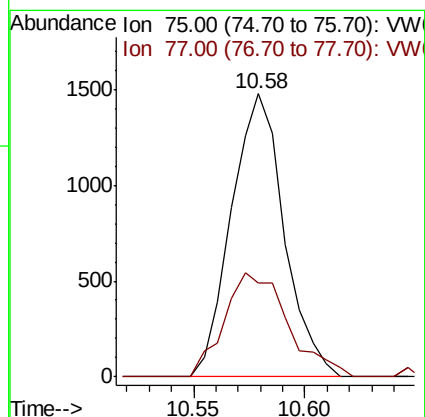
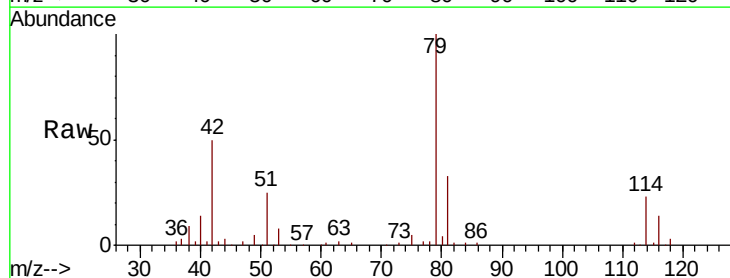
Acq: 22 May 2020 15:05

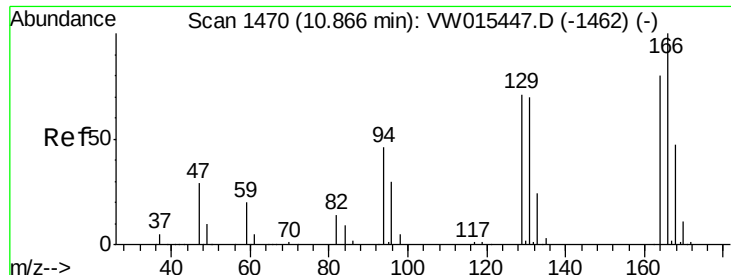
Tgt Ion: 75 Resp: 2437

Ion Ratio Lower Upper

75 100

77 33.3 22.3 41.3





#47

Tetrachloroethene

Concen: 0.825 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

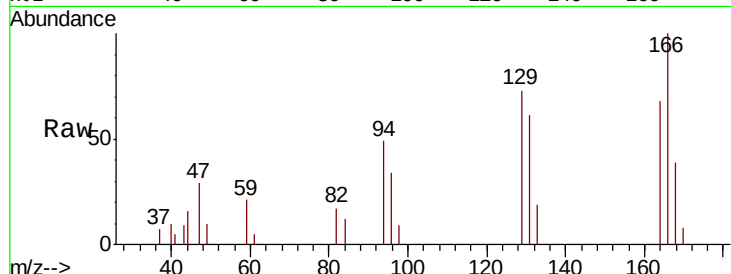
Lab File: VW015452.D

Acq: 22 May 2020 15:05

Instrument :

MSVOA_W

ClientSampled :



Tot Ion:164 Resp: 2173

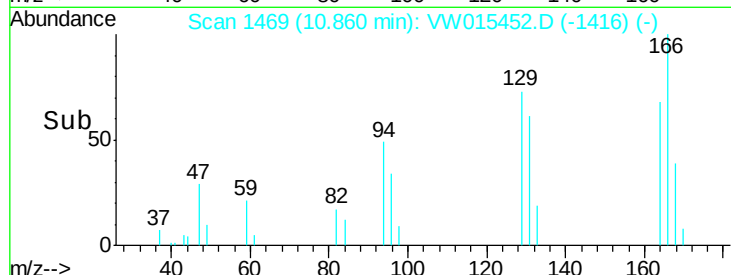
Ion Ratio Lower Upper

164 100

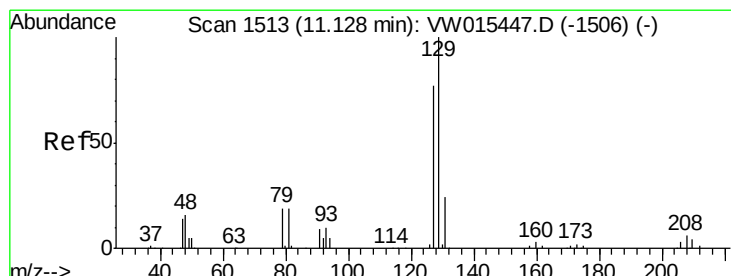
129 108.7 65.8 122.2

131 89.8 63.7 118.3

166 148.0 88.8 165.0



Time-->



#50

Dibromochloromethane

Concen: 0.758 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW015452.D

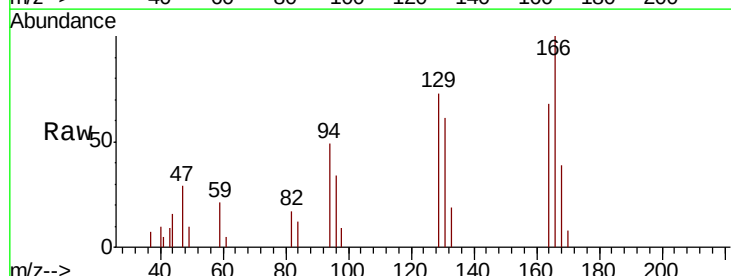
Acq: 22 May 2020 15:05

Tgt Ion:129 Resp: 2104

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

