

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101720\
 Data File : VW016928.D
 Acq On : 16 Oct 2020 15:17
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 00:44:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	464732	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95304	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
7) Chloroethane-d5	2.89	69	81513	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.03	63	149317	15.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.36%
20) 2-Butanone-d5	7.08	46	73946	71.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.42%#
24) Chloroform-d	7.65	84	239533	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.31	65	127017	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.28	84	468409	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.28	67	135764	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.32	98	439906	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.24%
38) trans-1,3-Dichloropropene-	10.58	79	58020	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.93	63	60904	74.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.70%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136191	32.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	177992	28.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.16%

Target Compounds

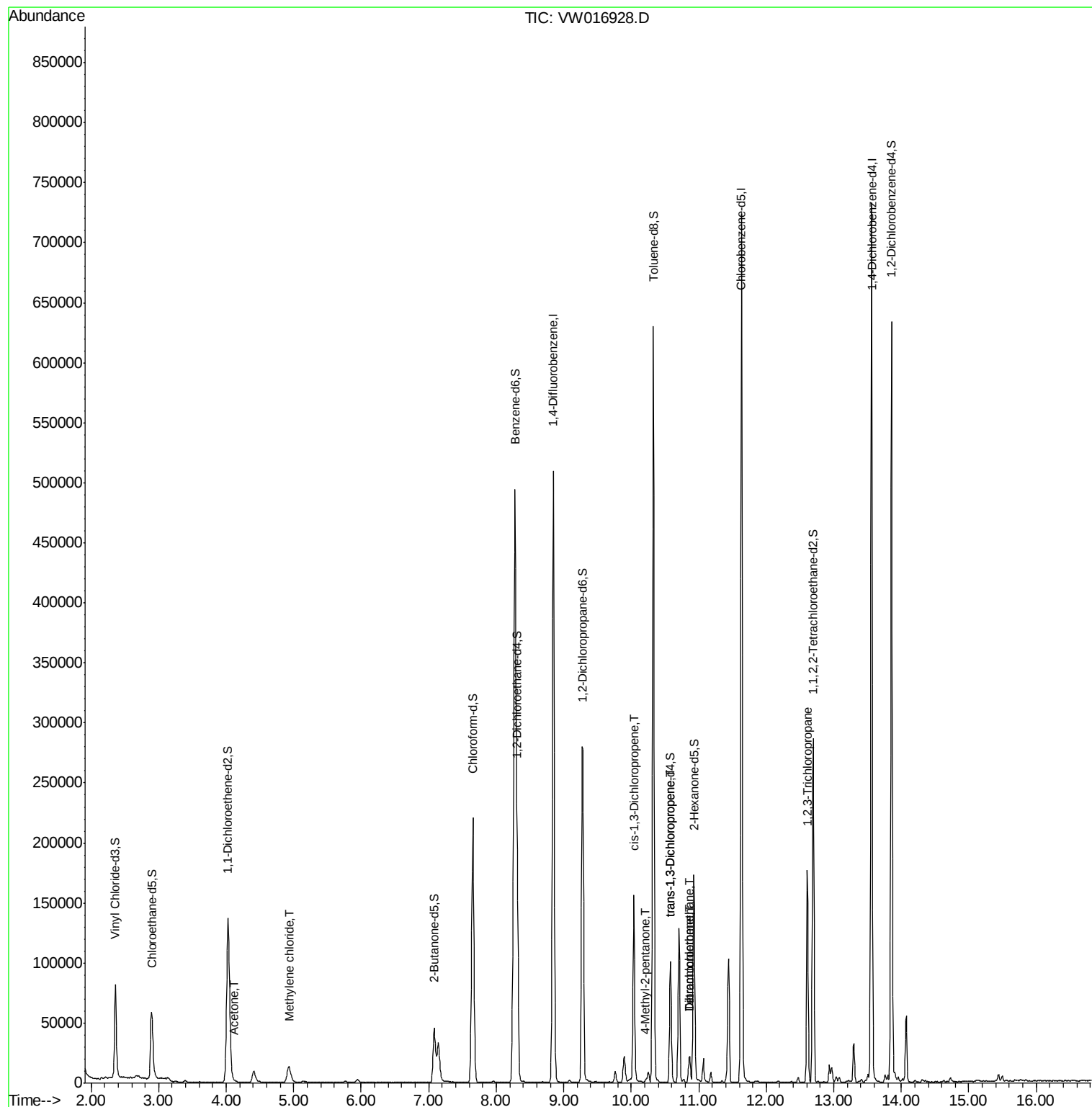
					Ovalue
13) Acetone	4.12	43	1045	1.330 ug/L	76
16) Methylene chloride	4.93	84	13363	2.084 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	4095	0.491 ug/L #	71
43) 4-Methyl-2-pentanone	10.21	43	1865	0.708 ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	2627	0.374 ug/L #	62
47) Tetrachloroethene	10.87	164	4986	0.821 ug/L	85
50) Dibromochloromethane	10.86	129	4351	0.822 ug/L #	11
59) 1,2,3-Trichloropropane	12.60	75	1384	0.406 ug/L	91

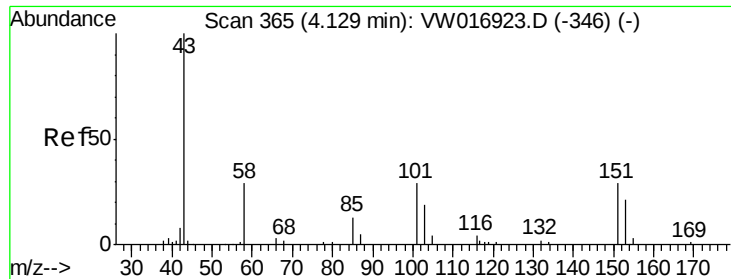
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.330 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016928.D

Acq: 16 Oct 2020 15:17

Instrument :

MSVOA_W

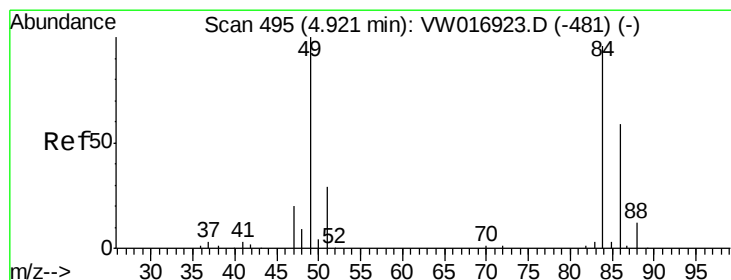
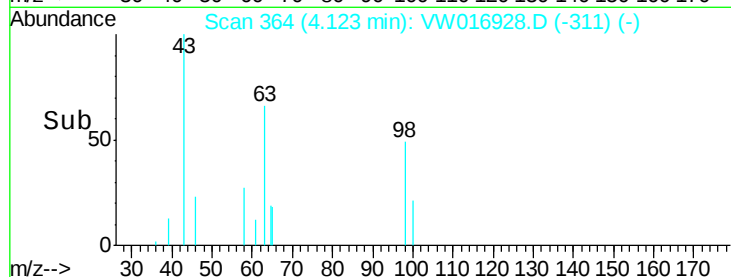
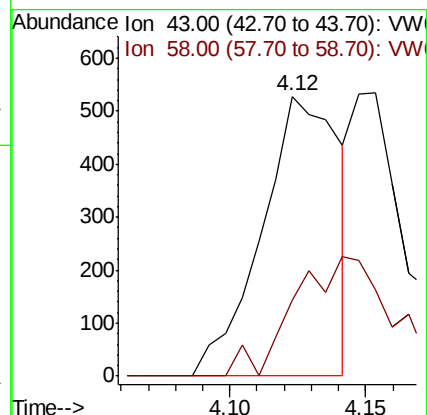
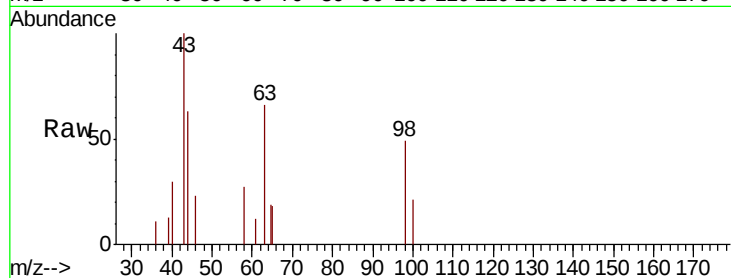
ClientSampleId :

Tot Ion: 43 Resp: 1045

Ion Ratio Lower Upper

43 100

58 20.1 0.0 67.6



#16

Methylene chloride

Concen: 2.084 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016928.D

Acq: 16 Oct 2020 15:17

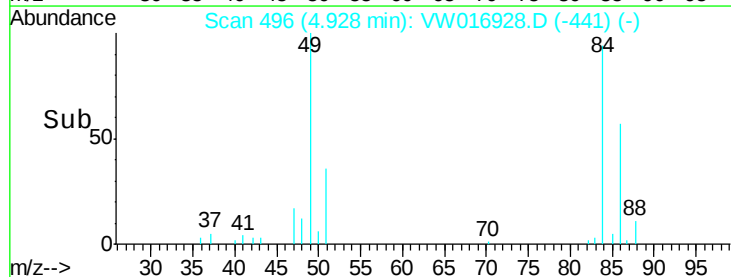
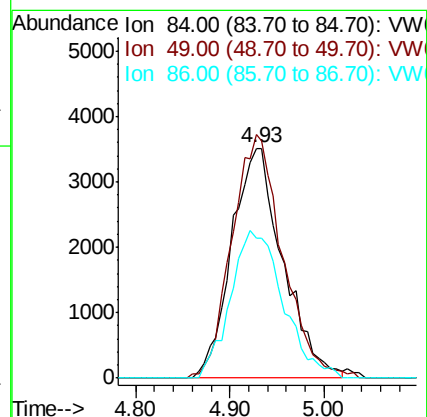
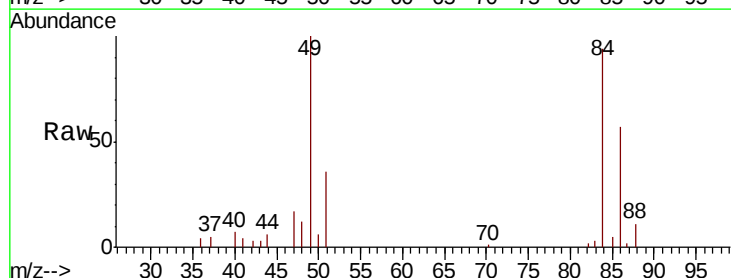
Tgt Ion: 84 Resp: 13363

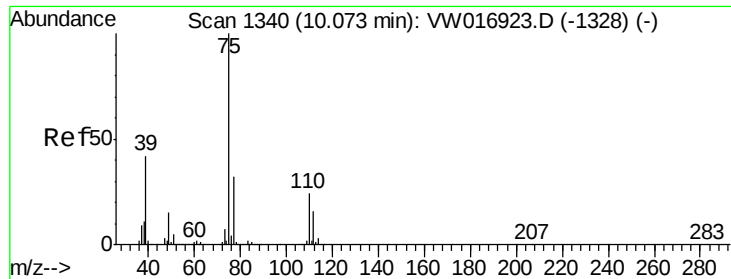
Ion Ratio Lower Upper

84 100

49 106.0 73.1 135.8

86 60.7 46.0 85.4





#42

cis-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016928.D

Acq: 16 Oct 2020 15:17

Instrument :

MSVOA_W

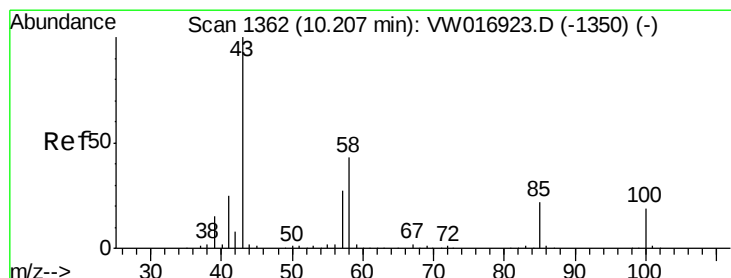
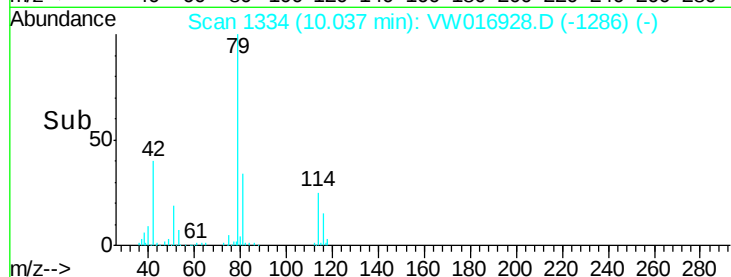
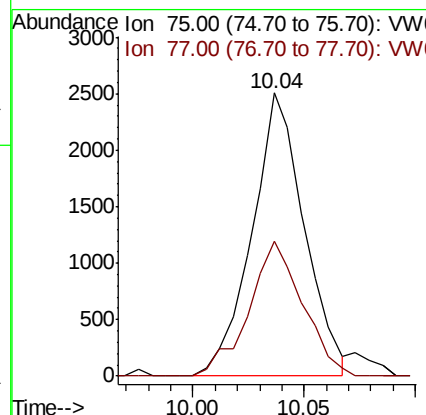
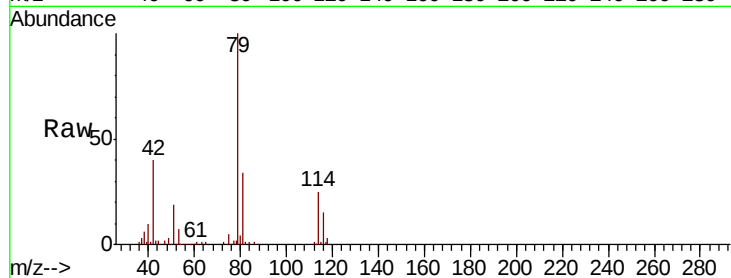
ClientSampled :

Tot Ion: 75 Resp: 4095

Ion Ratio Lower Upper

75 100

77 47.6 22.1 41.1#



#43

4-Methyl-2-pentanone

Concen: 0.708 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW016928.D

Acq: 16 Oct 2020 15:17

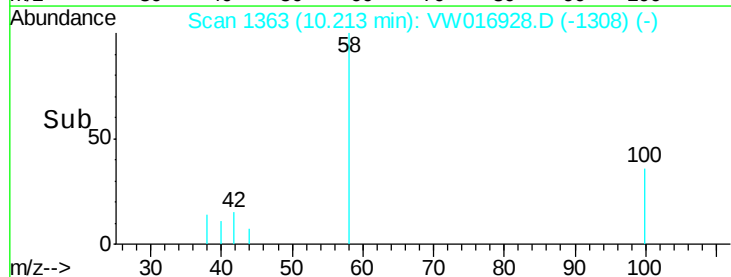
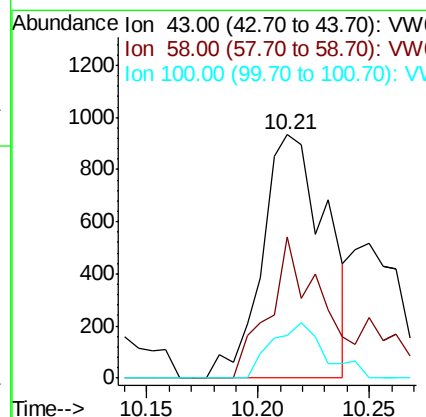
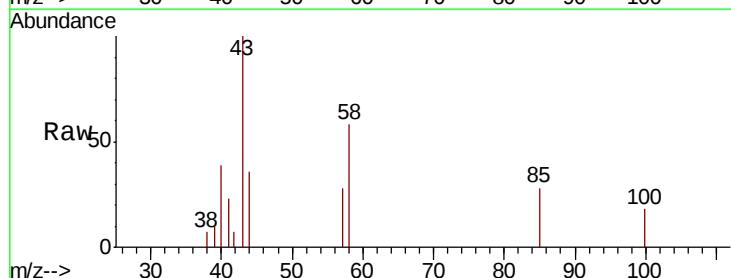
Tgt Ion: 43 Resp: 1865

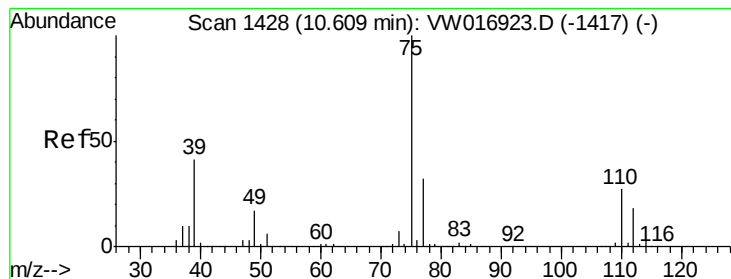
Ion Ratio Lower Upper

43 100

58 28.8 34.7 52.1#

100 16.5 16.9 25.3#





#45

trans-1,3-Dichloropropene

Concen: 0.374 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016928.D

Acq: 16 Oct 2020 15:17

Instrument :

MSVOA_W

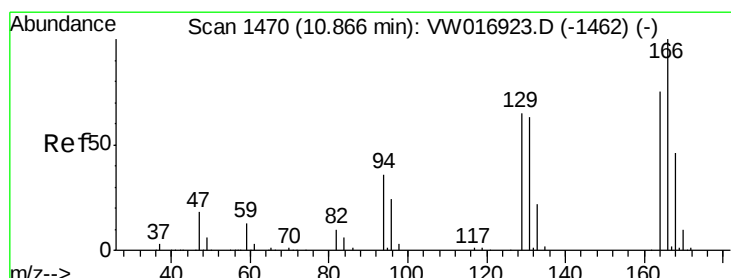
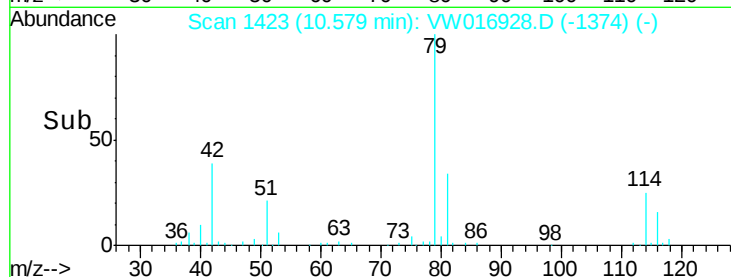
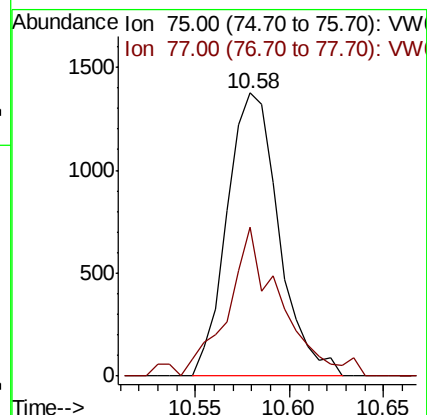
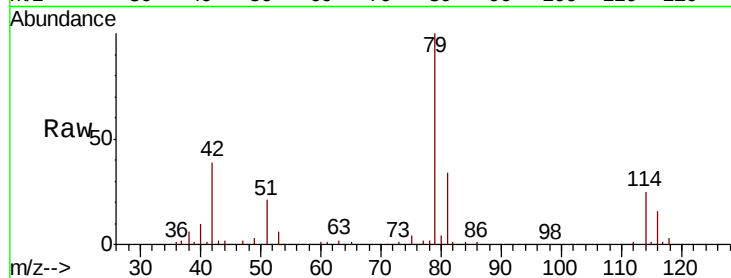
ClientSampleId :

Tot Ion: 75 Resp: 2627

Ion Ratio Lower Upper

75 100

77 52.8 22.2 41.2#



#47

Tetrachloroethene

Concen: 0.821 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016928.D

Acq: 16 Oct 2020 15:17

Tgt Ion: 164 Resp: 4986

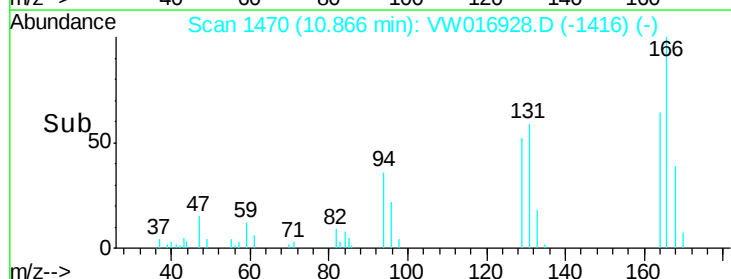
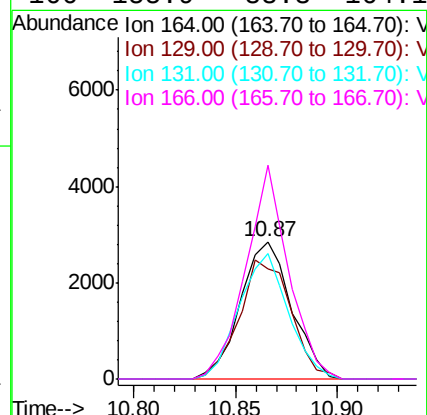
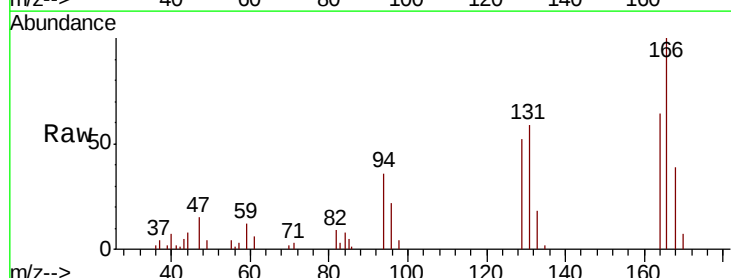
Ion Ratio Lower Upper

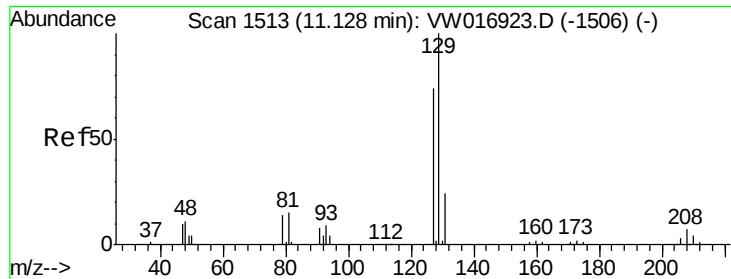
164 100

129 80.4 61.7 114.7

131 91.7 59.7 110.9

166 155.9 88.3 164.1





#50

Dibromochloromethane

Concen: 0.822 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016928.D

Acq: 16 Oct 2020 15:17

Instrument :

MSVOA_W

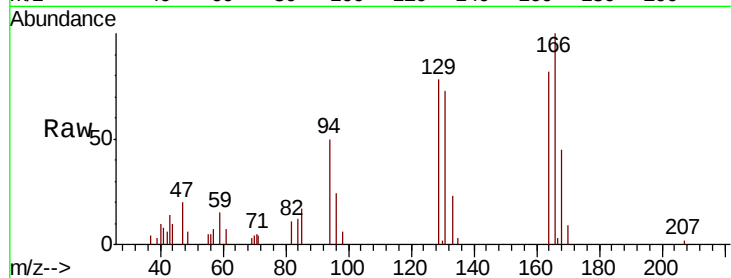
ClientSampled :

Tot Ion:129 Resp: 4351

Ion Ratio Lower Upper

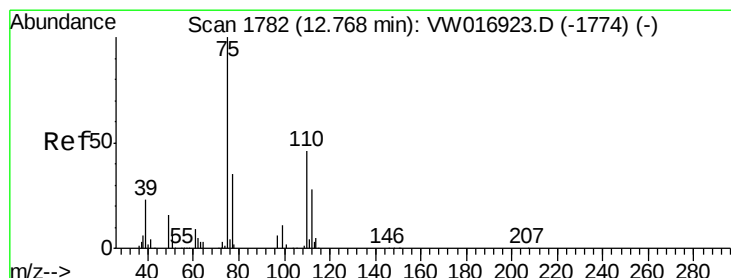
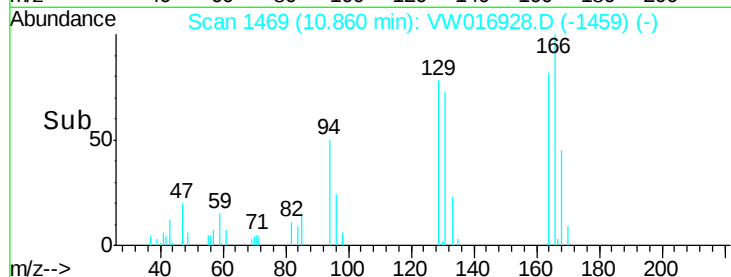
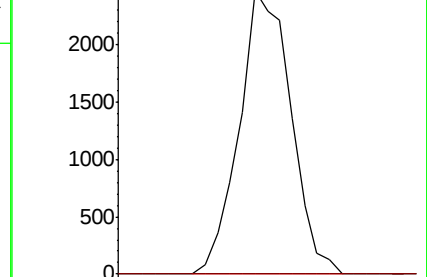
129 100

127 0.0 54.0 100.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 0.406 ug/L

RT: 12.60 min Scan# 1755

Delta R.T. -0.16 min

Lab File: VW016928.D

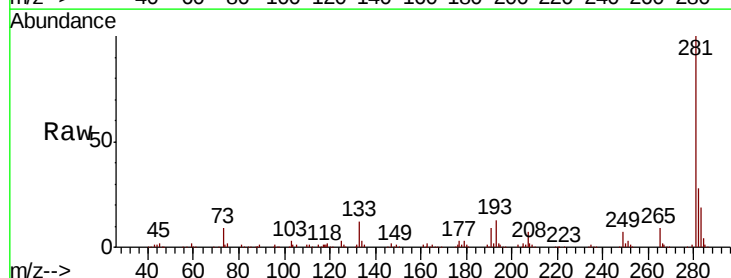
Acq: 16 Oct 2020 15:17

Tgt Ion: 75 Resp: 1384

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

