

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101920\
 Data File : VW016942.D
 Acq On : 19 Oct 2020 15:31
 Operator : SY/VA
 Sample : L4382-09
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Oct 20 08:50:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 08:48:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	518477	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	468308	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	226580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111179	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
7) Chloroethane-d5	2.90	69	98569	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
10) 1,1-Dichloroethene-d2	4.03	63	181885	16.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.00%
20) 2-Butanone-d5	7.09	46	57855	49.94	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.88%
24) Chloroform-d	7.66	84	276645	25.29	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	8.31	65	134936	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
29) Benzene-d6	8.28	84	554737	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.28	67	157214	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.33	98	510791	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.80%
38) trans-1,3-Dichloropropene-	10.58	79	62393	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.00%
39) 2-Hexanone-d5	10.93	63	47469	53.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123993	26.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	195343	27.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.72%

Target Compounds

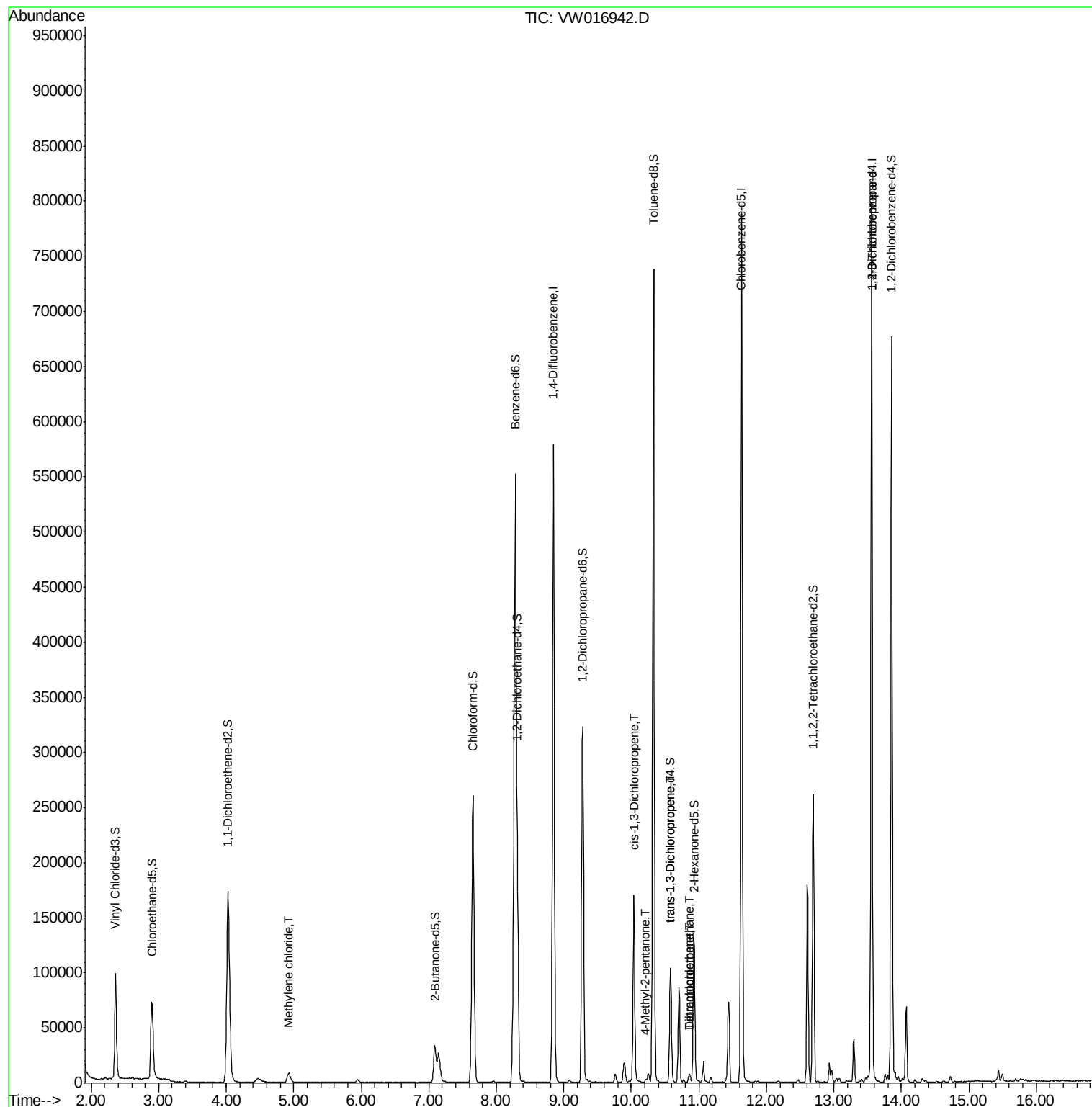
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.93	84	8232	1.150	ug/L	88
42) cis-1,3-Dichloropropene	10.04	75	4632	0.511	ug/L #	70
43) 4-Methyl-2-pentanone	10.21	43	2005	0.700	ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2740	0.359	ug/L #	81
47) Tetrachloroethene	10.87	164	1768	0.268	ug/L	88
50) Dibromochloromethane	10.86	129	1390	0.242	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	23048	6.227	ug/L	92

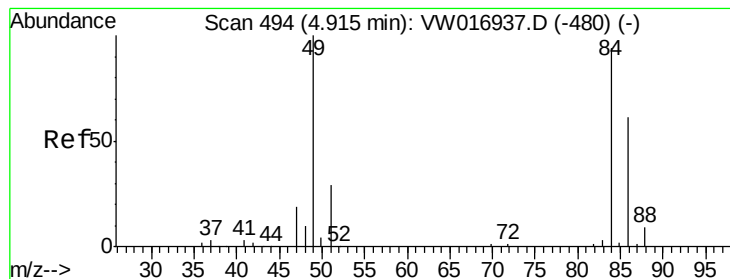
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 20 08:48:34 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.150 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016942.D

Acq: 19 Oct 2020 15:31

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

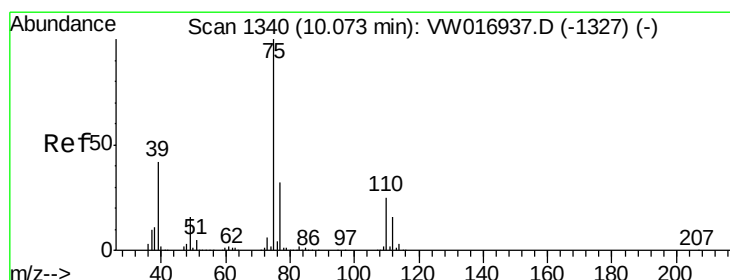
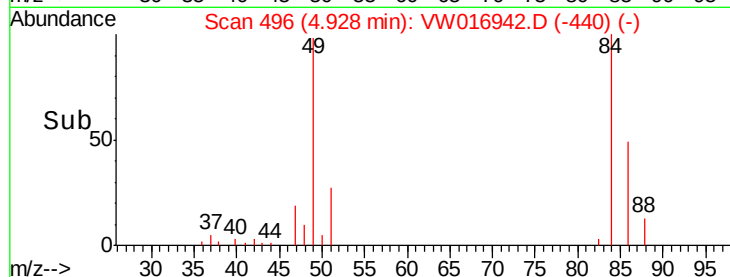
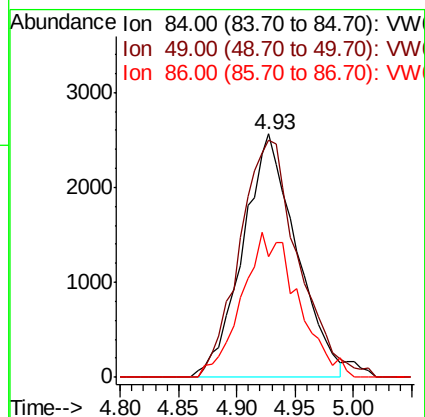
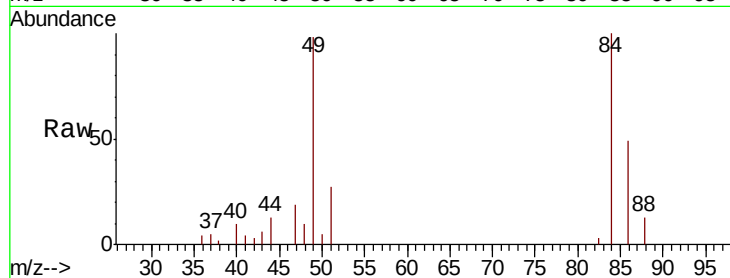
Tot Ion: 84 Resp: 8232

Ion Ratio Lower Upper

84 100

49 97.5 73.1 135.8

86 49.3 46.0 85.4



#42

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016942.D

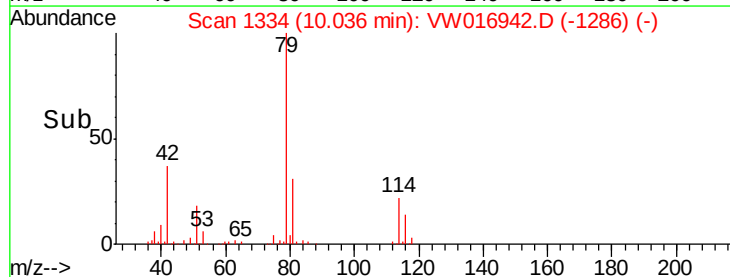
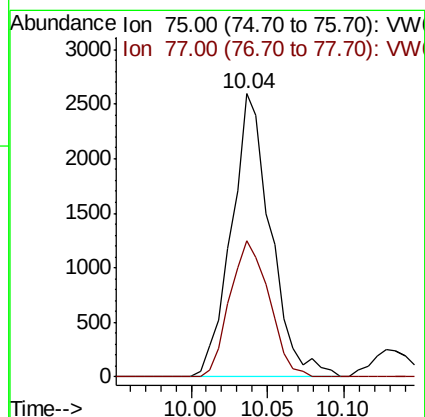
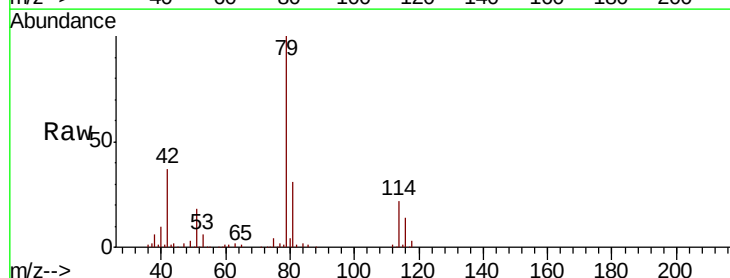
Acq: 19 Oct 2020 15:31

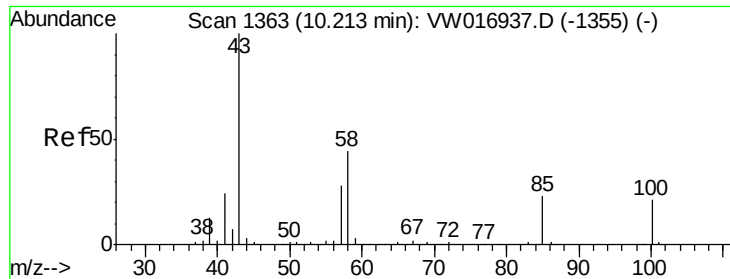
Tgt Ion: 75 Resp: 4632

Ion Ratio Lower Upper

75 100

77 48.1 22.1 41.1#





#43

4-Methyl-2-pentanone

Concen: 0.700 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016942.D

Acq: 19 Oct 2020 15:31

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

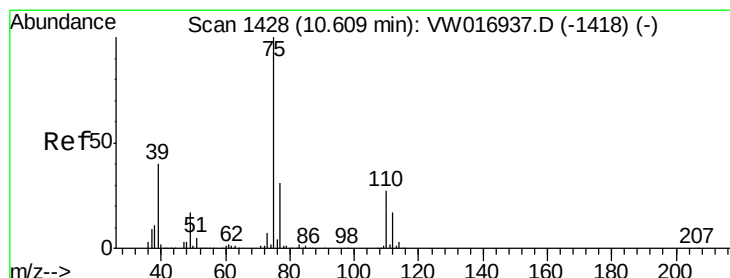
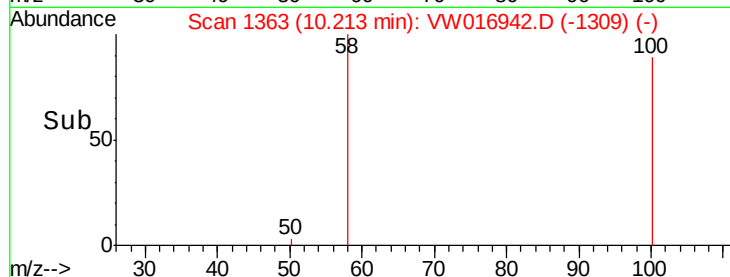
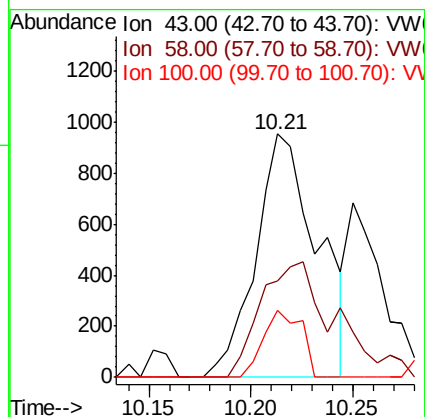
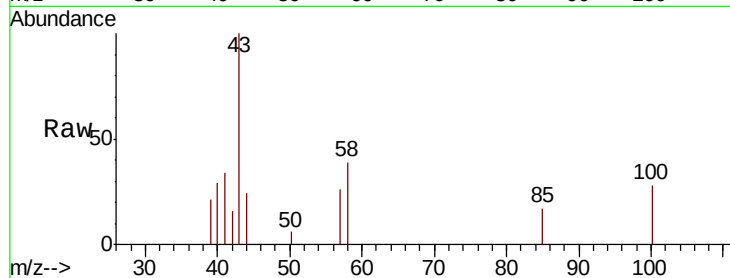
Tot Ion: 43 Resp: 2005

Ion Ratio Lower Upper

43 100

58 43.6 34.7 52.1

100 17.1 16.9 25.3



#45

trans-1,3-Dichloropropene

Concen: 0.359 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016942.D

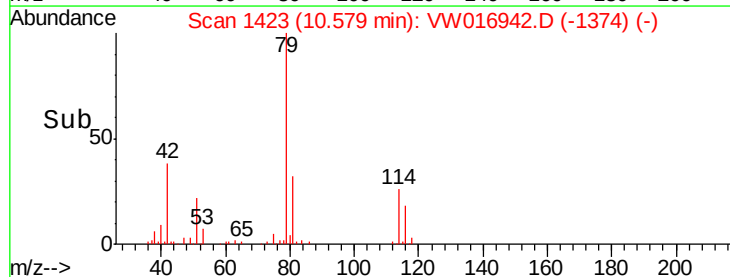
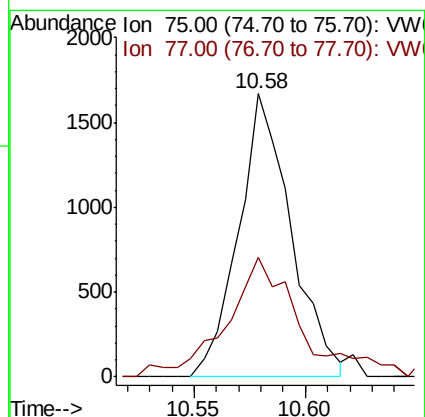
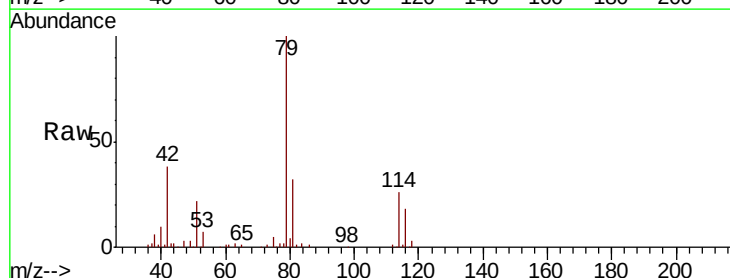
Acq: 19 Oct 2020 15:31

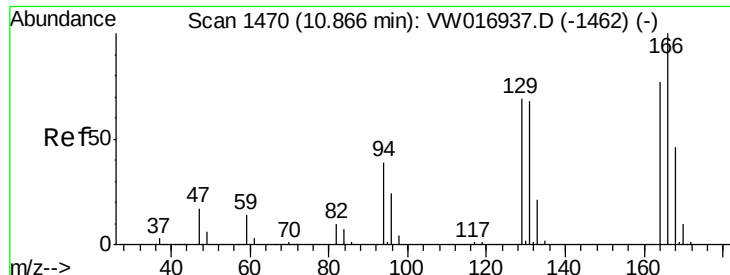
Tgt Ion: 75 Resp: 2740

Ion Ratio Lower Upper

75 100

77 42.2 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.268 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016942.D

Acq: 19 Oct 2020 15:31

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion:164 Resp: 1768

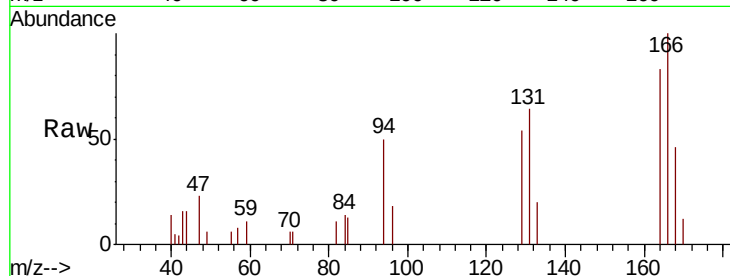
Ion Ratio Lower Upper

164 100

129 65.5 61.7 114.7

131 77.3 59.7 110.9

166 121.0 88.3 164.1

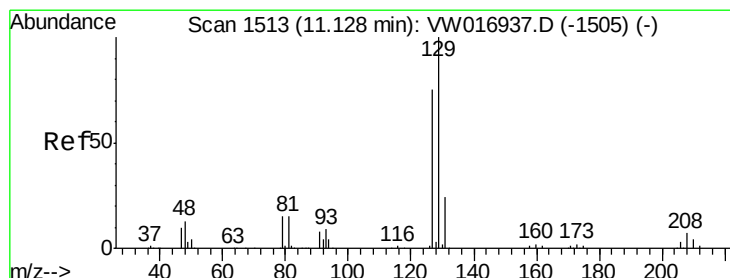
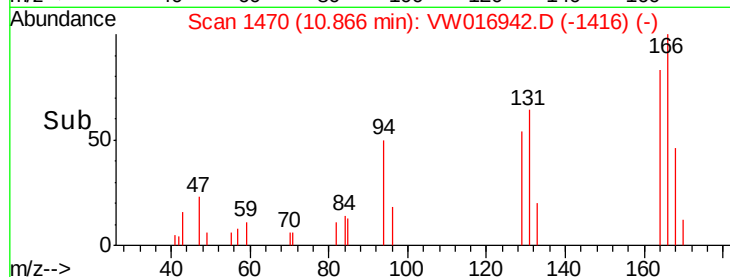
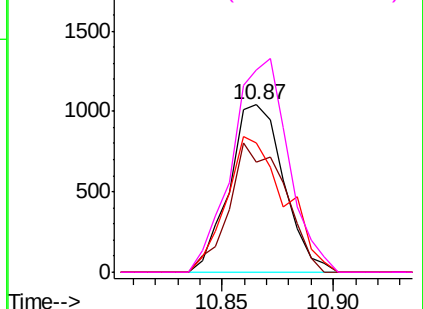


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.242 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016942.D

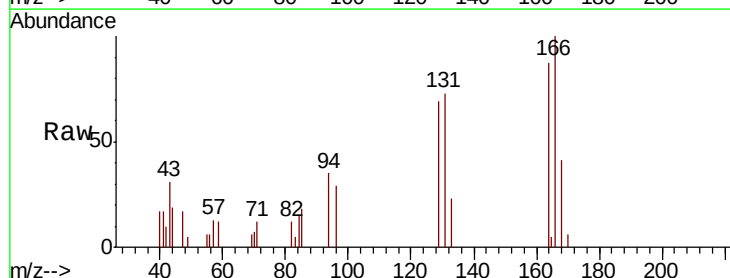
Acq: 19 Oct 2020 15:31

Tgt Ion:129 Resp: 1390

Ion Ratio Lower Upper

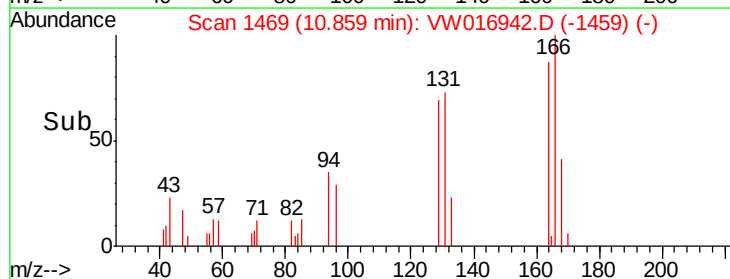
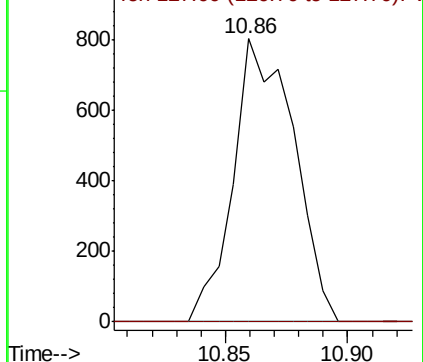
129 100

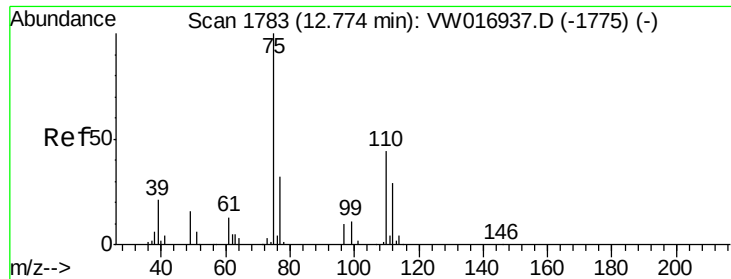
127 0.0 54.0 100.4#



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: 6.227 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016942.D

Acq: 19 Oct 2020 15:31

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 23048

Ion Ratio Lower Upper

75 100

77 37.1 26.2 39.2

