

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101220\
 Data File : VW016874.D
 Acq On : 12 Oct 2020 10:44
 Operator : SY/VA
 Sample : VW1012SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK29

Quant Time: Oct 13 07:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	555465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	506052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241997	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124965	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
7) Chloroethane-d5	2.89	69	105309	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.64%
10) 1,1-Dichloroethene-d2	4.02	63	194457	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.08	46	55899	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
24) Chloroform-d	7.65	84	272545	23.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	8.30	65	134118	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.76%
29) Benzene-d6	8.27	84	544433	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	9.27	67	149584	24.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.88%
37) Toluene-d8	10.32	98	515253	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.04%
38) trans-1,3-Dichloropropene-	10.58	79	63530	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.28%
39) 2-Hexanone-d5	10.93	63	45970	48.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114677	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	190293	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

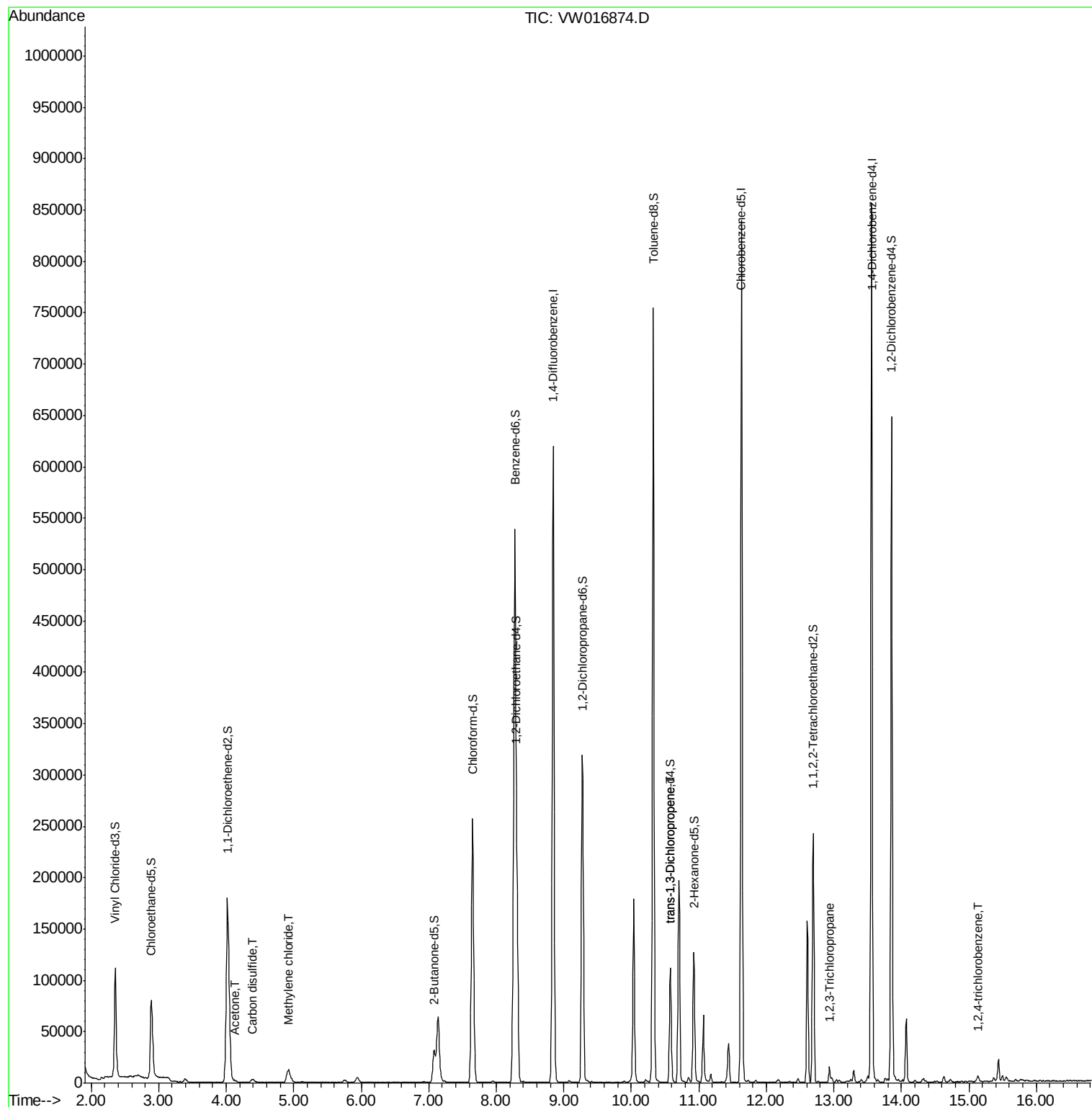
					Ovalue
13) Acetone	4.13	43	2731	2.908	ug/L 100
14) Carbon disulfide	4.38	76	7209	0.350	ug/L 99
16) Methylene chloride	4.92	84	11472	1.497	ug/L 92
45) trans-1,3-Dichloropropene	10.58	75	3151	0.382	ug/L # 59
59) 1,2,3-Trichloropropane	12.93	75	1064	0.266	ug/L 94
68) 1,2,4-trichlorobenzene	15.13	180	1953	0.208	ug/L # 89

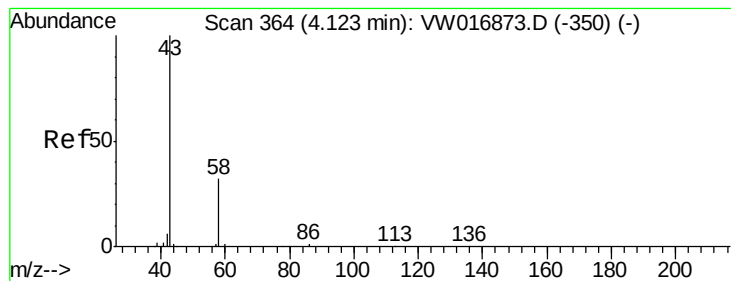
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.908 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 12 Oct 2020 10:44

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MSVOA_W

ClientSampleId :

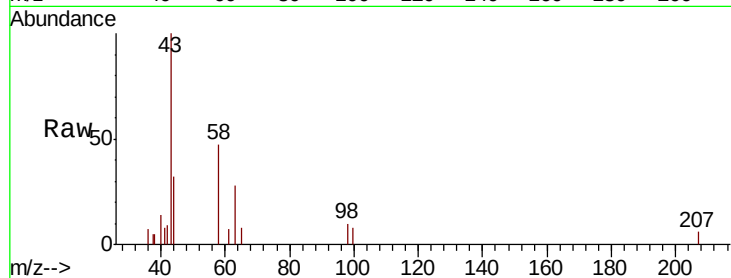
VBLK29

Tot Ion: 43 Resp: 2731

Ion Ratio Lower Upper

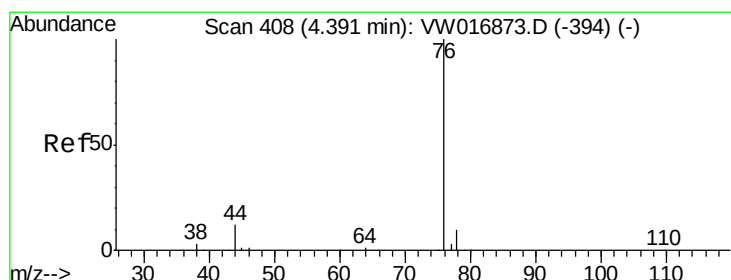
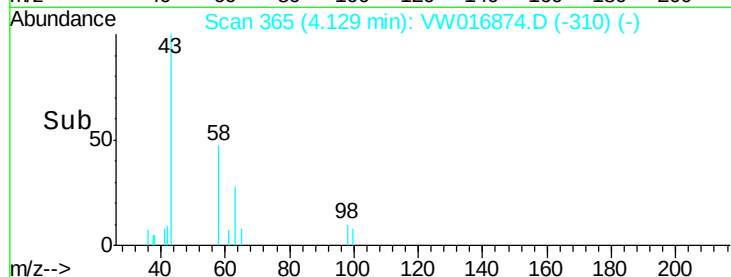
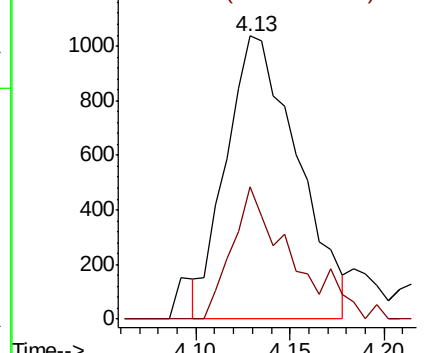
43 100

58 33.8 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.350 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016874.D

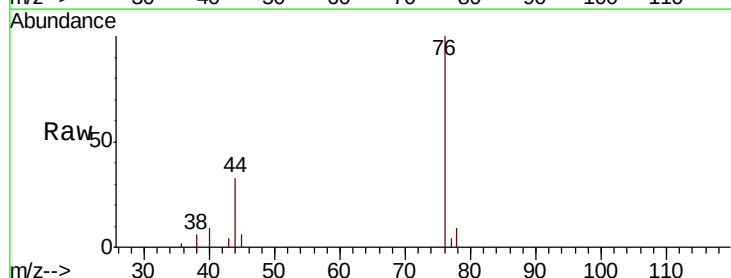
Acq: 12 Oct 2020 10:44

Tgt Ion: 76 Resp: 7209

Ion Ratio Lower Upper

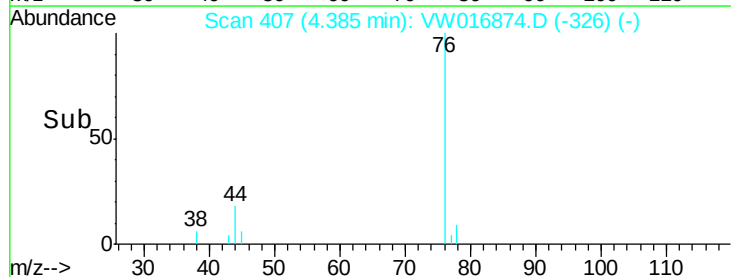
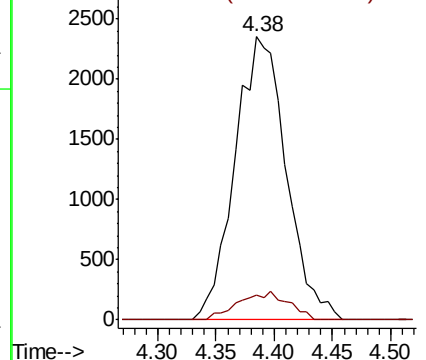
76 100

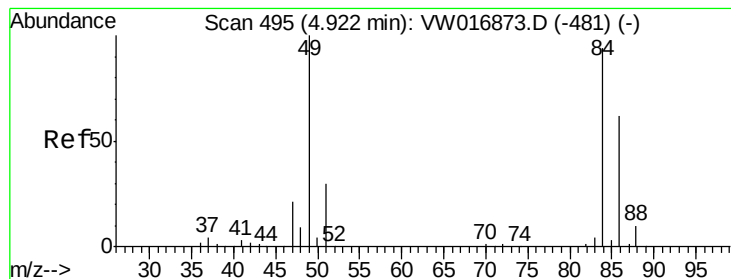
78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methylene chloride

Concen: 1.497 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016874.D

Acq: 12 Oct 2020 10:44

Instrument :

MSVOA_W

ClientSampleId :

VBLK29

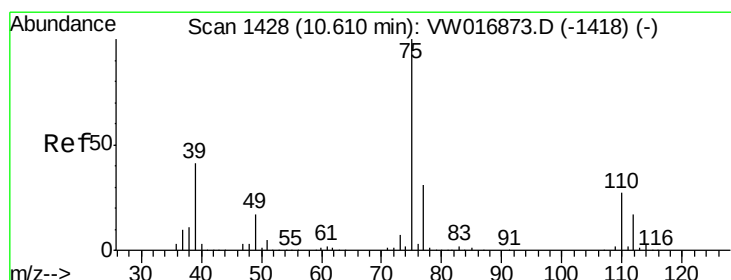
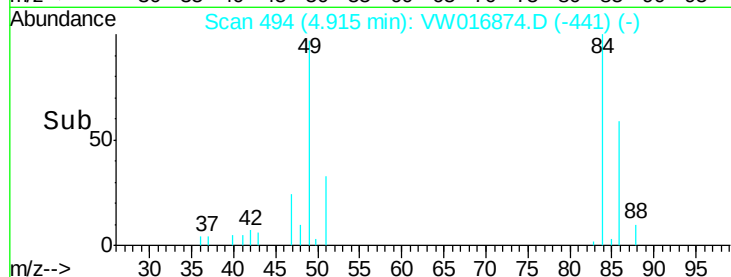
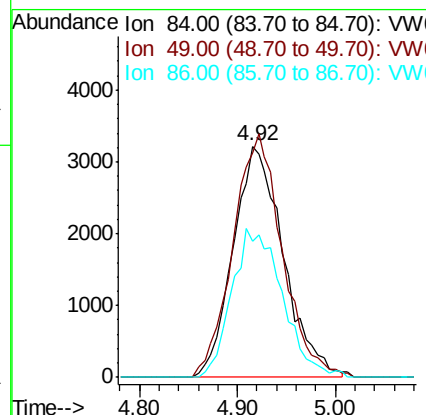
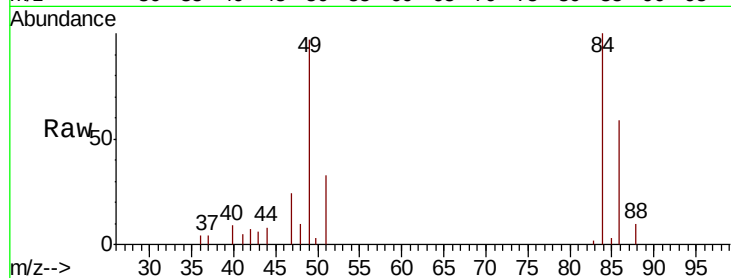
Tot Ion: 84 Resp: 11472

Ion Ratio Lower Upper

84 100

49 97.0 73.1 135.8

86 58.9 46.0 85.4



#45

trans-1,3-Dichloropropene

Concen: 0.382 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016874.D

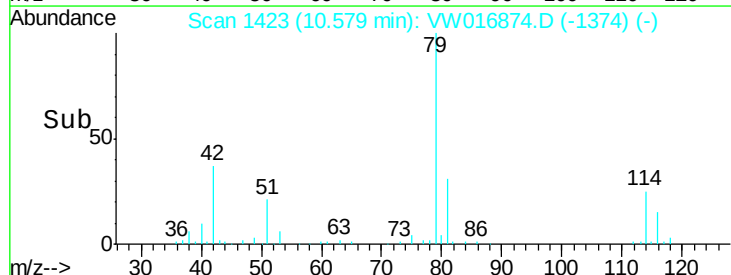
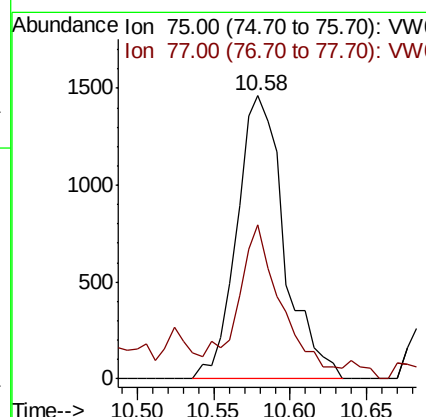
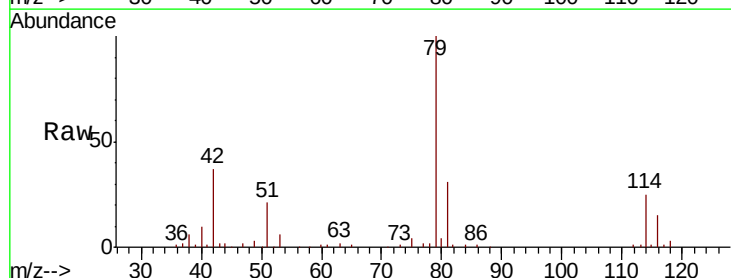
Acq: 12 Oct 2020 10:44

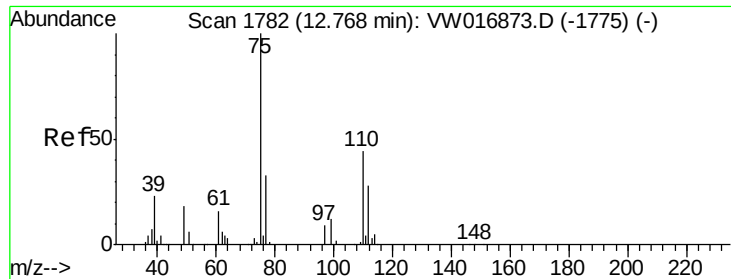
Tgt Ion: 75 Resp: 3151

Ion Ratio Lower Upper

75 100

77 54.5 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 0.266 ug/L

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW016874.D

Acq: 12 Oct 2020 10:44

Instrument :

MSVOA_W

ClientSampleId :

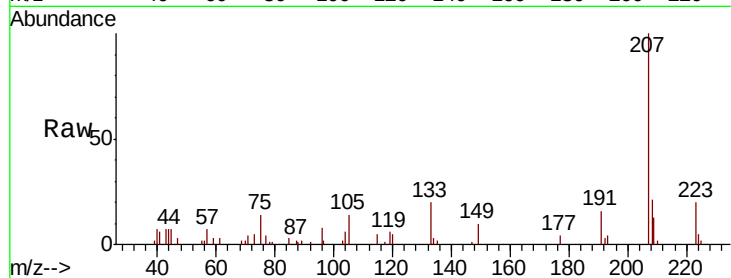
VBLK29

Tot Ion: 75 Resp: 1064

Ion Ratio Lower Upper

75 100

77 29.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.93

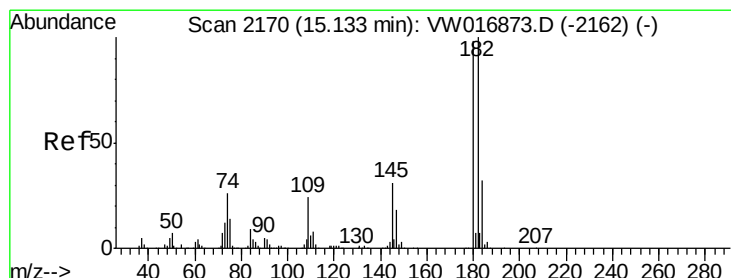
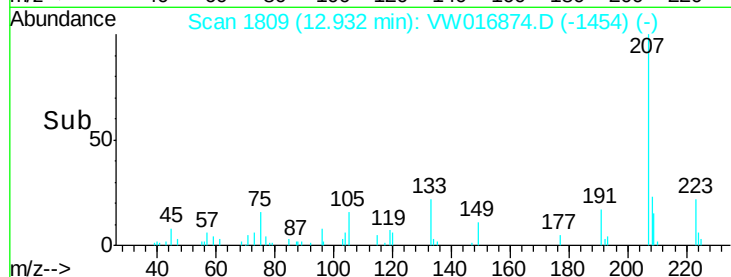
600

400

200

0

Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.208 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW016874.D

Acq: 12 Oct 2020 10:44

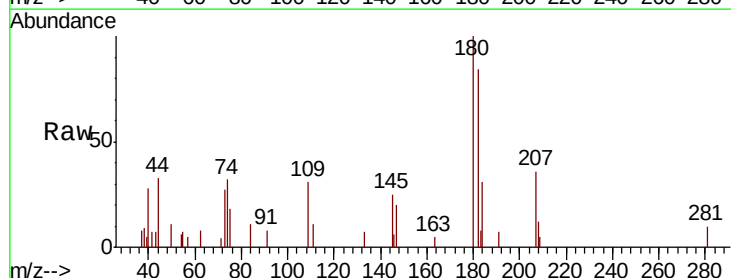
Tgt Ion: 180 Resp: 1953

Ion Ratio Lower Upper

180 100

182 101.4 74.2 111.2

145 19.2 23.4 35.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

15.13

1500

1000

500

0

Time-->

