

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102220\
 Data File : VW016969.D
 Acq On : 22 Oct 2020 15:01
 Operator : SY/VA
 Sample : L4471-16
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG431

Quant Time: Oct 23 02:21:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	594713	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	536026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259515	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	168295	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
7) Chloroethane-d5	2.90	69	127216	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.68%
10) 1,1-Dichloroethene-d2	4.02	63	237616	17.80	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.20%
20) 2-Butanone-d5	7.09	46	60751	46.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.98%
24) Chloroform-d	7.65	84	310092	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.31	65	152877	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	8.28	84	649993	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.28	67	177436	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	10.33	98	614666	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	73641	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	10.93	63	52602	50.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133718	23.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	223765	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

Target Compounds

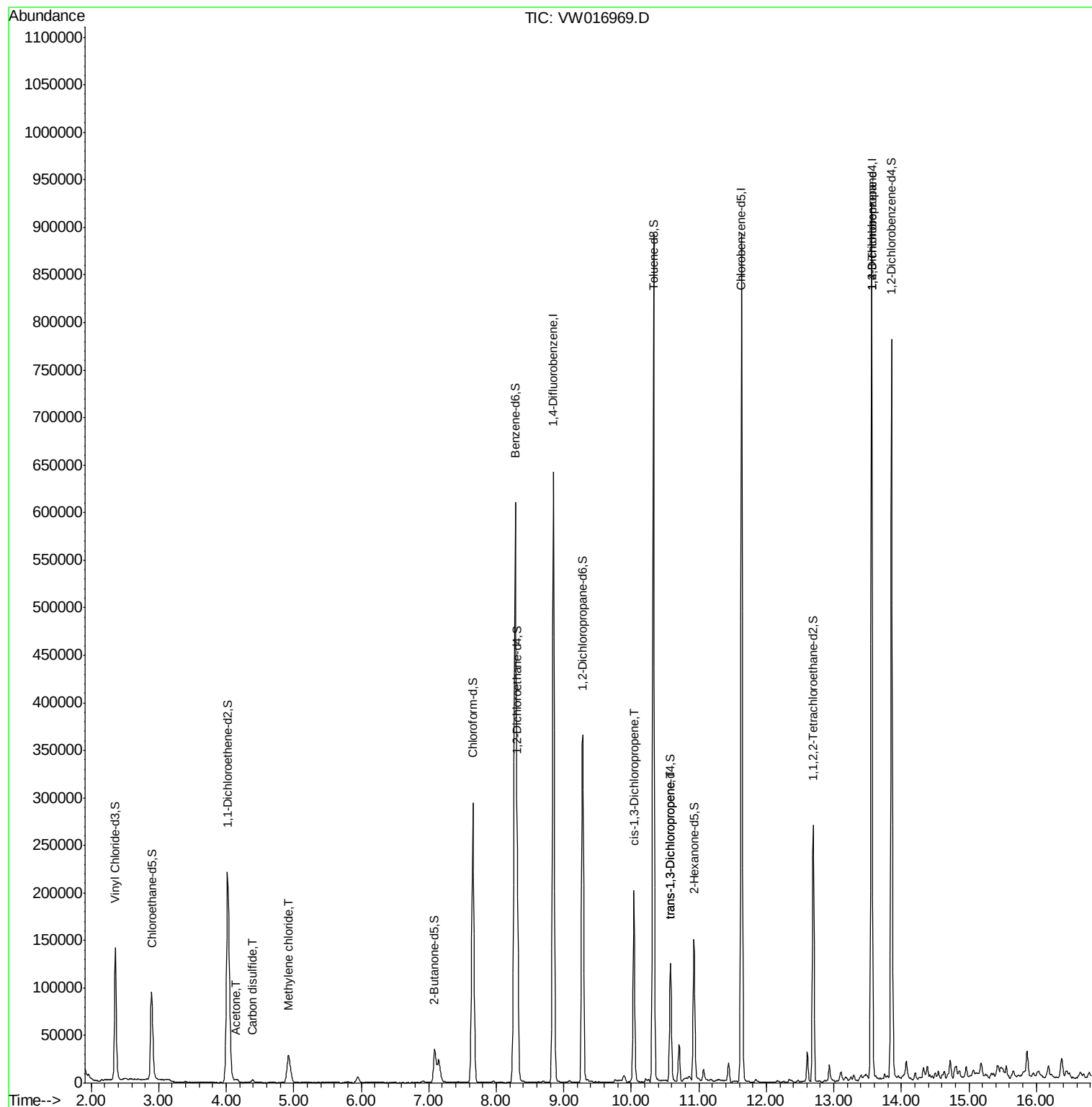
					Ovalue
13) Acetone	4.15	43	5359	6.160	ug/L 68
14) Carbon disulfide	4.39	76	6767	0.287	ug/L 98
16) Methylene chloride	4.92	84	28384	3.610	ug/L 95
42) cis-1,3-Dichloropropene	10.04	75	4835	0.468	ug/L # 70
45) trans-1,3-Dichloropropene	10.58	75	3220	0.376	ug/L 99
59) 1,2,3-Trichloropropane	13.56	75	25662	6.312	ug/L 92

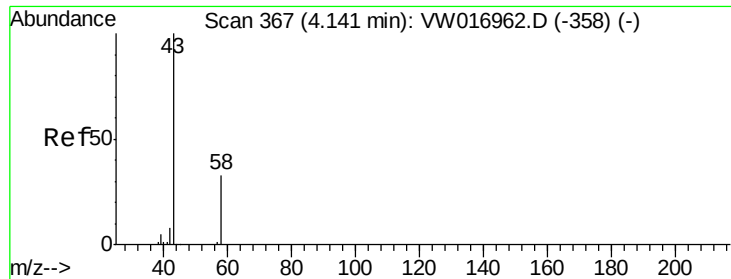
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.160 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016969.D

Acq: 22 Oct 2020 15:01

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MSVOA_W

ClientSampleId :

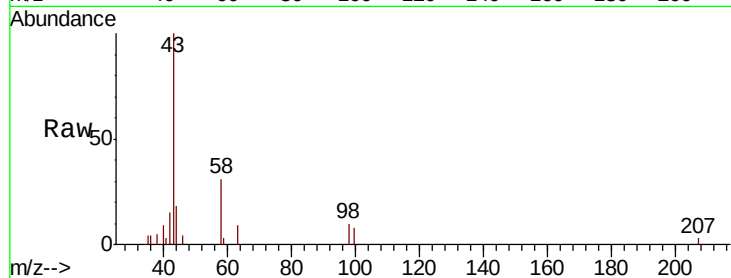
BG431

Tot Ion: 43 Resp: 5359

Ion Ratio Lower Upper

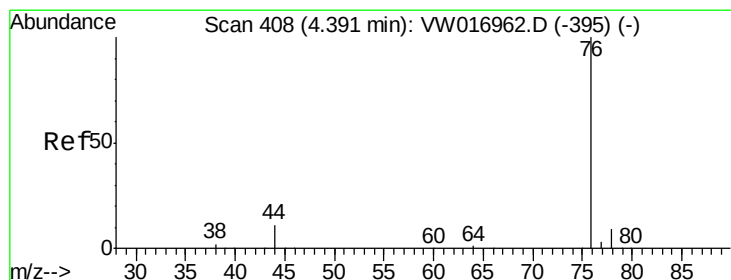
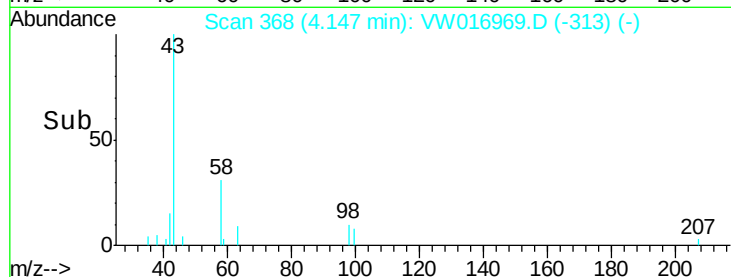
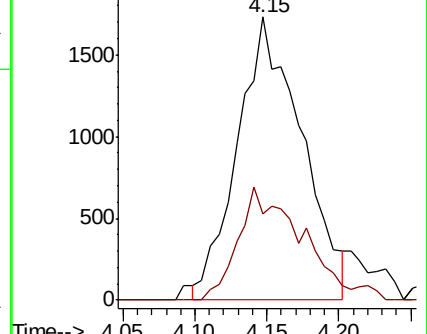
43 100

58 16.4 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.287 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW016969.D

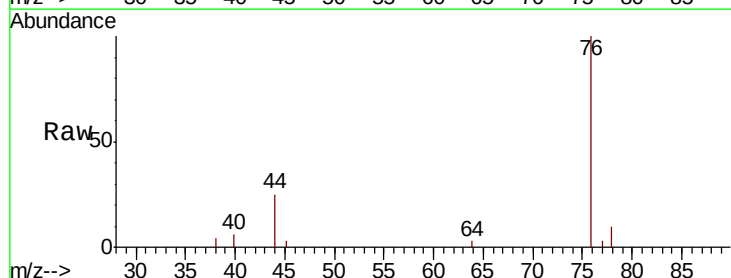
Acq: 22 Oct 2020 15:01

Tgt Ion: 76 Resp: 6767

Ion Ratio Lower Upper

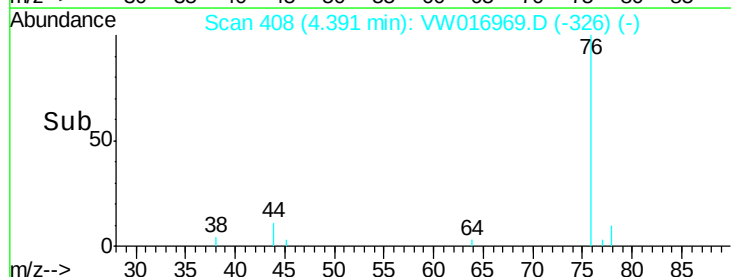
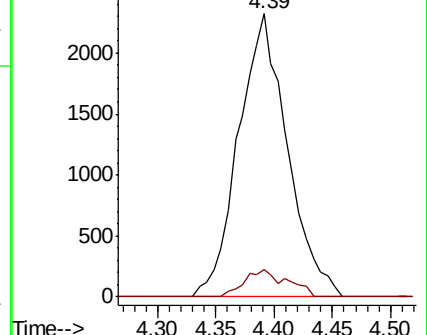
76 100

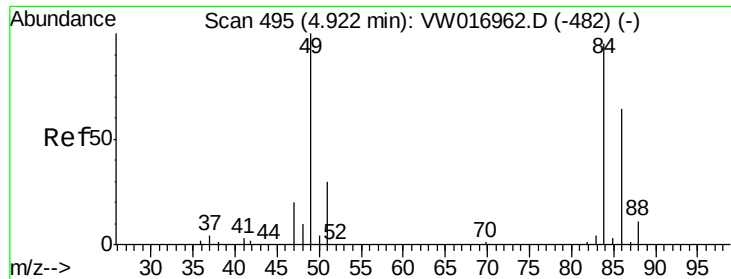
78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

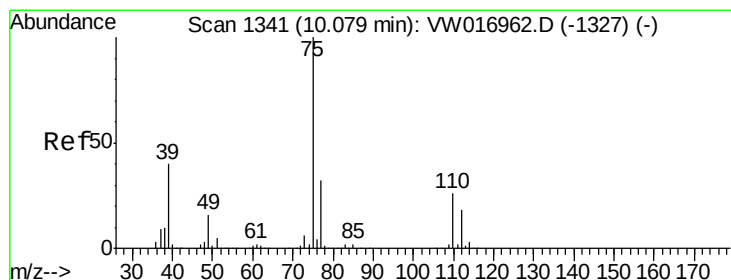
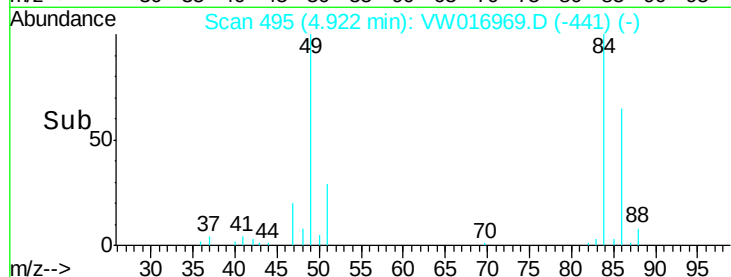
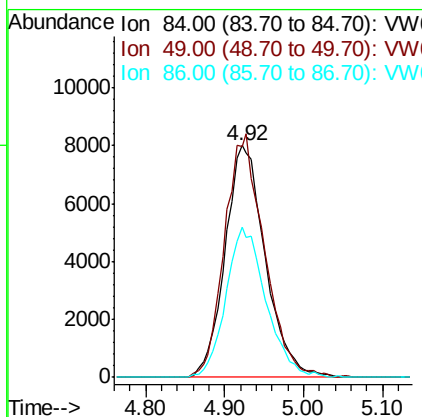
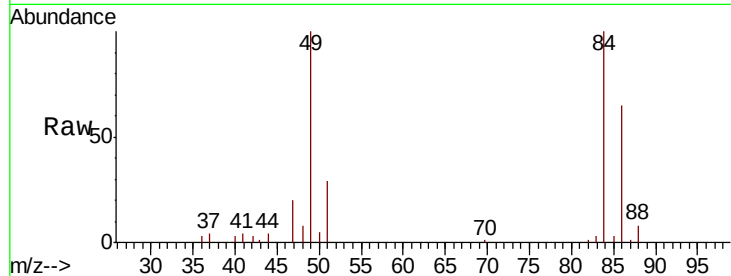




#16
Methylene chloride
Concen: 3.610 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016969.D
Acq: 22 Oct 2020 15:01

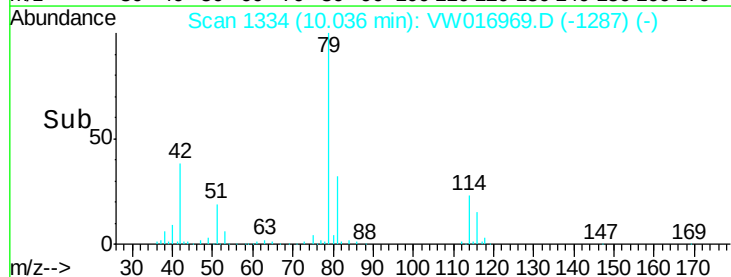
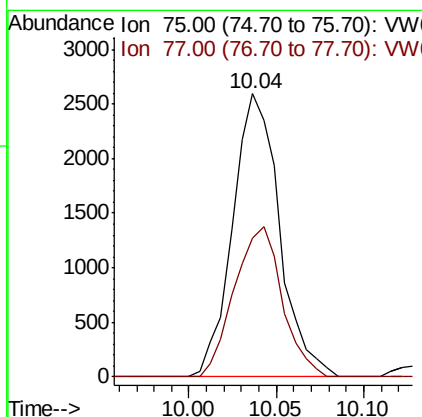
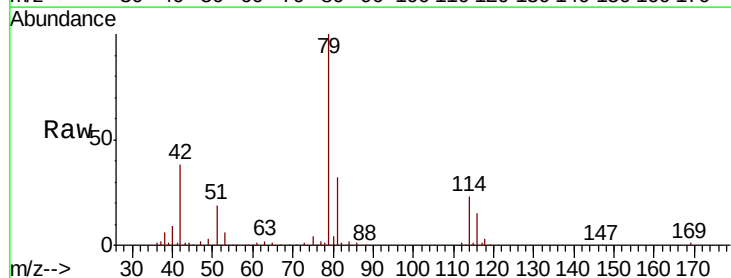
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MSVOA_W
ClientSampled :
BG431

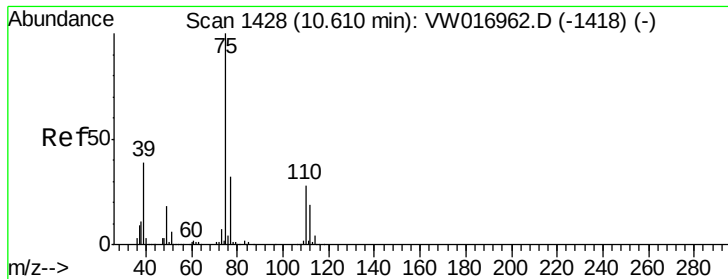
Tot Ion: 84 Resp: 28384
Ion Ratio Lower Upper
84 100
49 99.5 73.8 137.0
86 64.6 47.4 88.0



#42
cis-1,3-Dichloropropene
Concen: 0.468 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016969.D
Acq: 22 Oct 2020 15:01

Tgt Ion: 75 Resp: 4835
Ion Ratio Lower Upper
75 100
77 48.9 22.7 42.1#





#45

trans-1,3-Dichloropropene

Concen: 0.376 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016969.D

Acq: 22 Oct 2020 15:01

Instrument :

MSVOA_W

ClientSampleId :

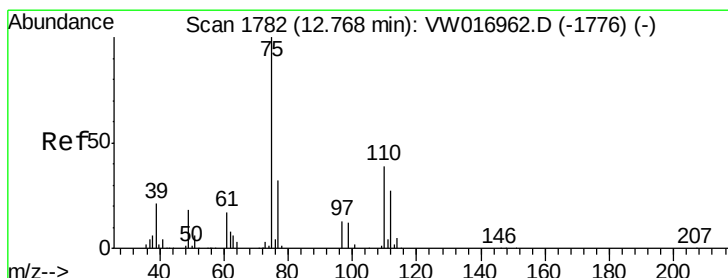
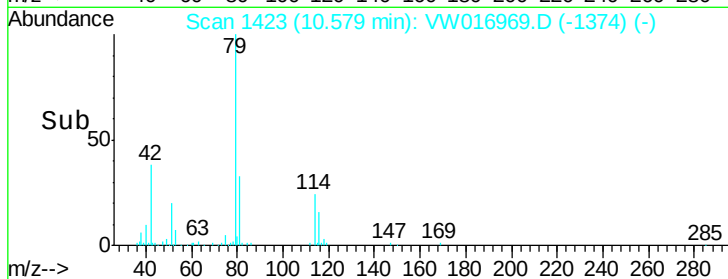
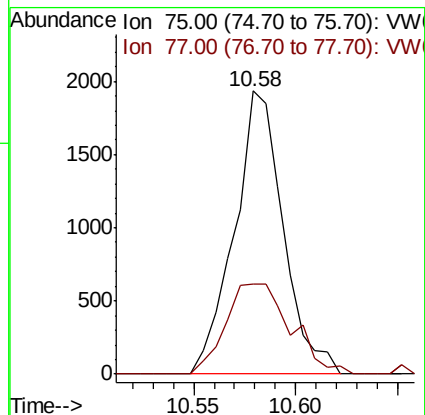
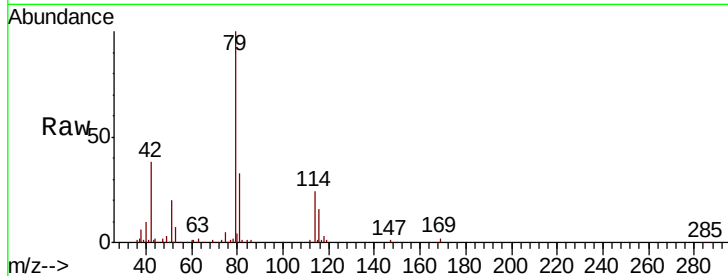
BG431

Tot Ion: 75 Resp: 3220

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3



#59

1,2,3-Trichloropropane

Concen: 6.312 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016969.D

Acq: 22 Oct 2020 15:01

Tgt Ion: 75 Resp: 25662

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8

