

Data File : VW017229.D
Acq On : 15 Nov 2020 11:45
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK13

Quant Time: Nov 16 09:09:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 09:41:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	410745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181488	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114313	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
7) Chloroethane-d5	2.89	69	99880	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.20%
10) 1,1-Dichloroethene-d2	4.02	63	157708	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.16%
20) 2-Butanone-d5	7.10	46	52495	45.37	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.74%
24) Chloroform-d	7.65	84	242147	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	124754	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.68%
29) Benzene-d6	8.28	84	466338	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
33) 1,2-Dichloropropane-d6	9.28	67	133465	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.28%
37) Toluene-d8	10.33	98	430300	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	53310	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	10.93	63	41901	45.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114117	24.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	170916	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

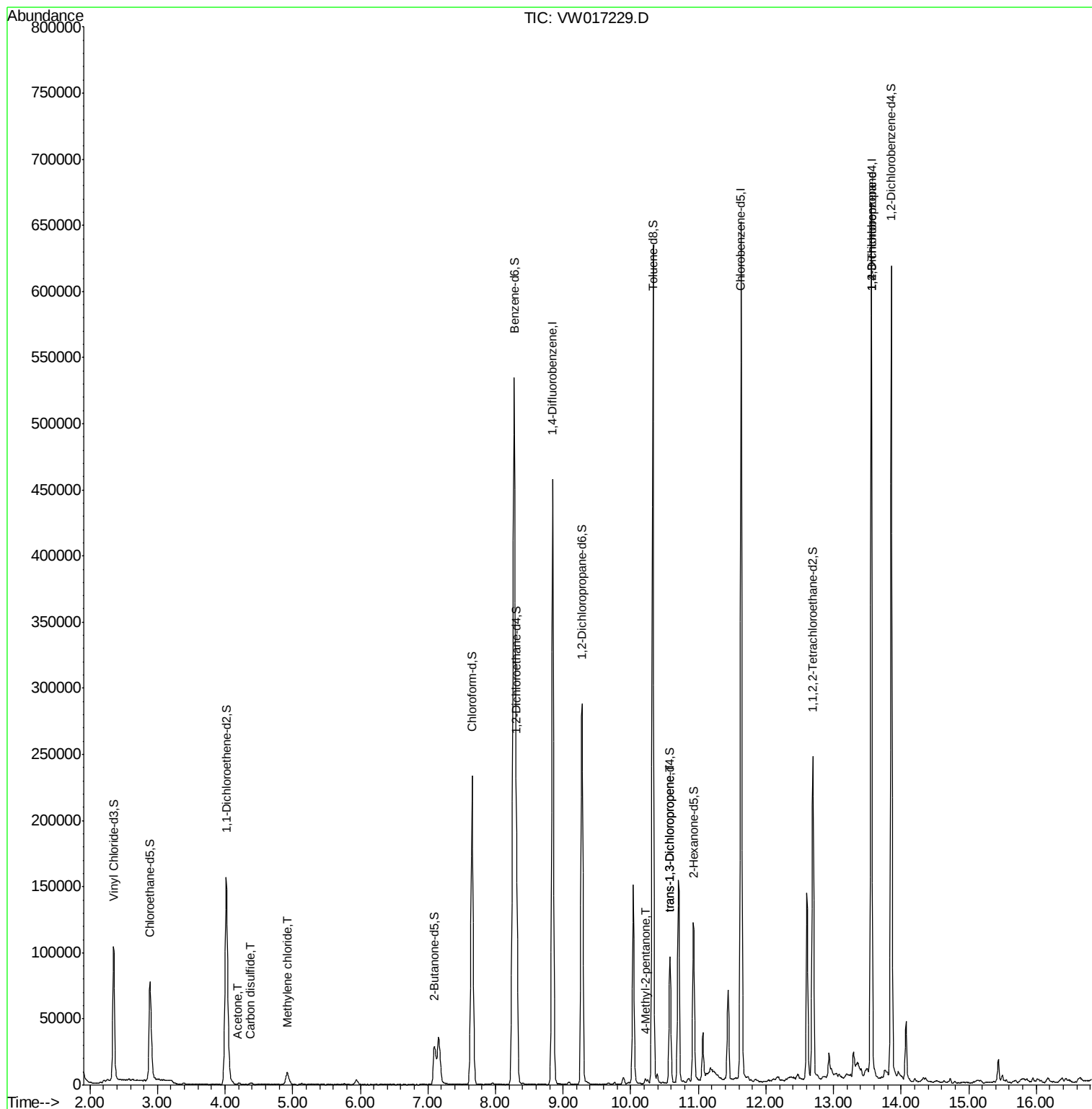
					Qvalue
13) Acetone	4.17	43	847	1.093 ug/L	78
14) Carbon disulfide	4.38	76	2884	0.208 ug/L #	89
16) Methylene chloride	4.92	84	8028	1.450 ug/L	93
43) 4-Methyl-2-pentanone	10.22	43	2159	0.754 ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	2789	0.442 ug/L	86
59) 1,2,3-Trichloropropane	13.56	75	19557	5.887 ug/L	92

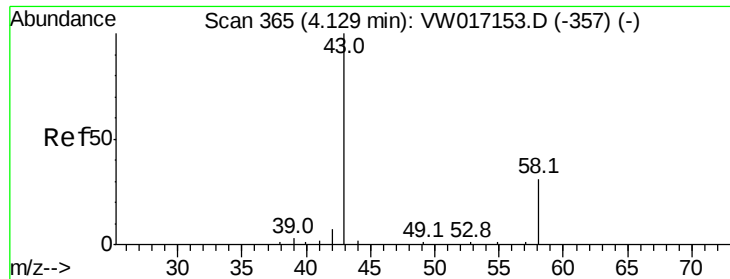
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.093 ug/L

RT: 4.17 min Scan# 372

Delta R.T. 0.04 min

Lab File: VW017229.D

Acq: 15 Nov 2020 11:45

Instrument :

MSVOA_W

ClientSampled :

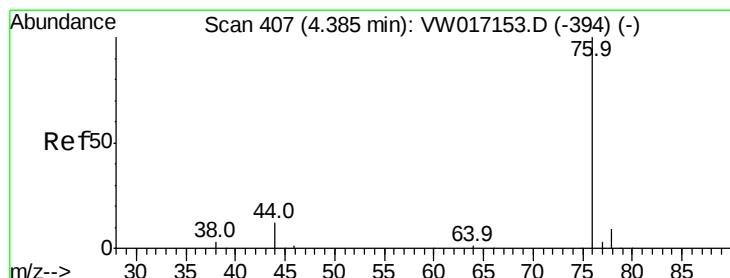
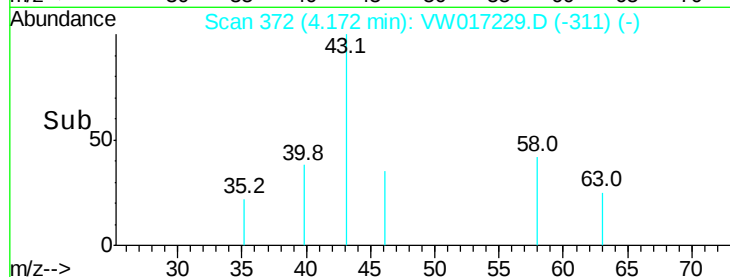
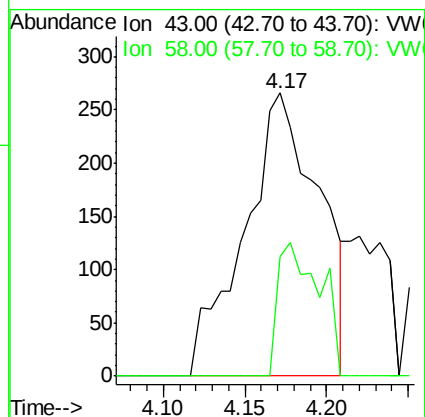
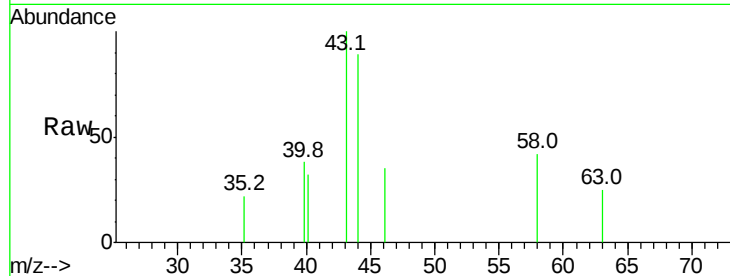
VIBLK13

Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

58 21.7 0.0 69.2



#14

Carbon disulfide

Concen: 0.208 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017229.D

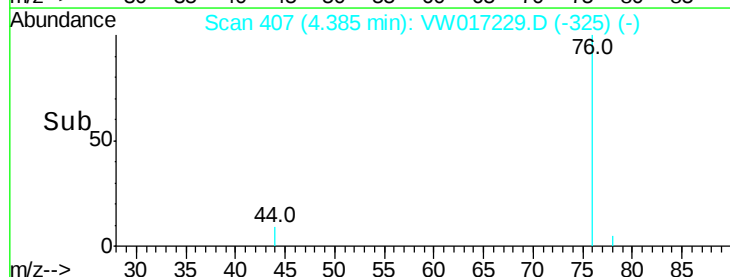
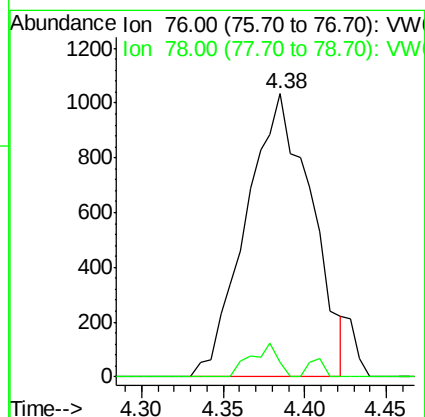
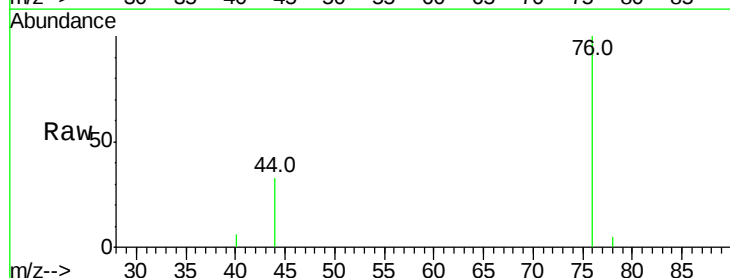
Acq: 15 Nov 2020 11:45

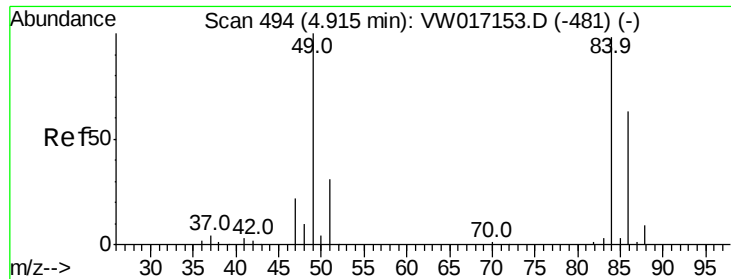
Tgt Ion: 76 Resp: 2884

Ion Ratio Lower Upper

76 100

78 5.3 7.6 11.4#

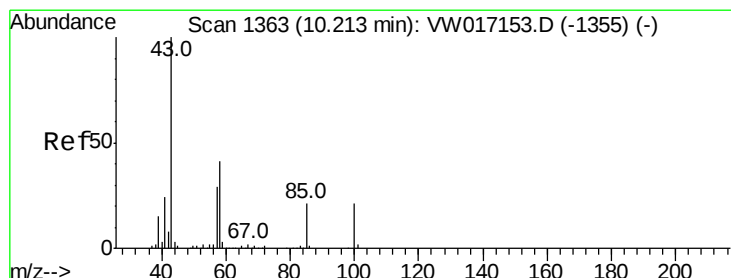
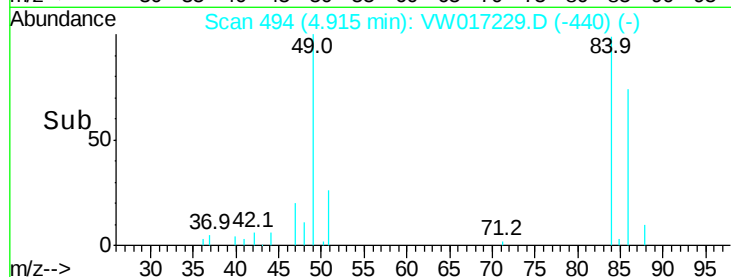
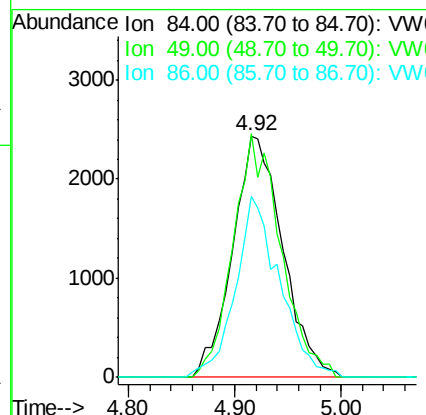
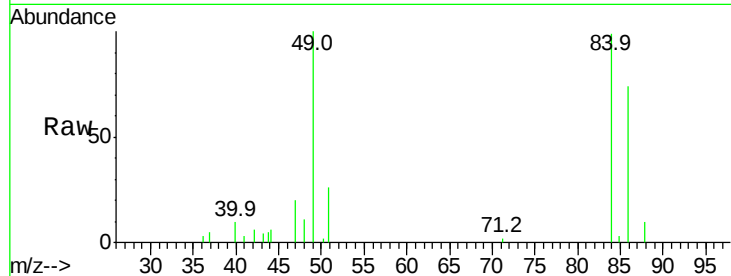




#16
Methylene chloride
Concen: 1.450 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017229.D
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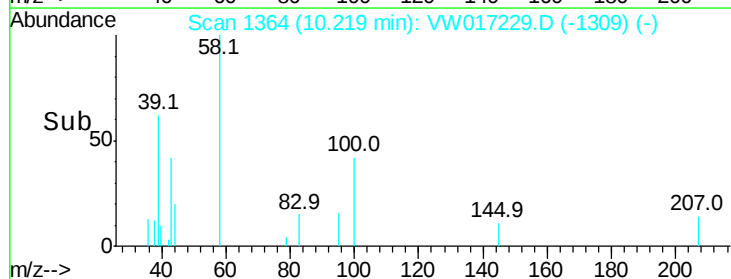
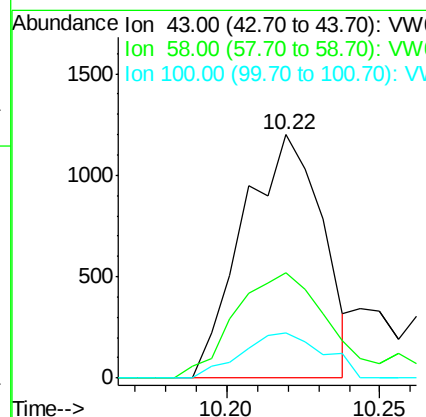
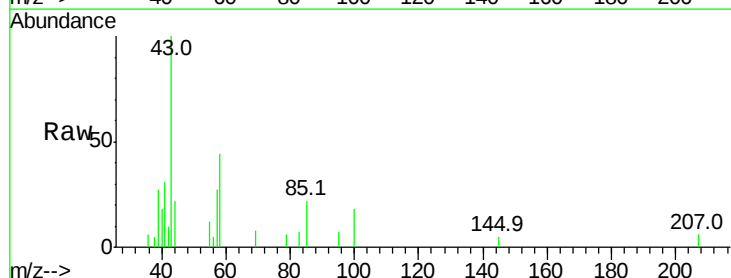
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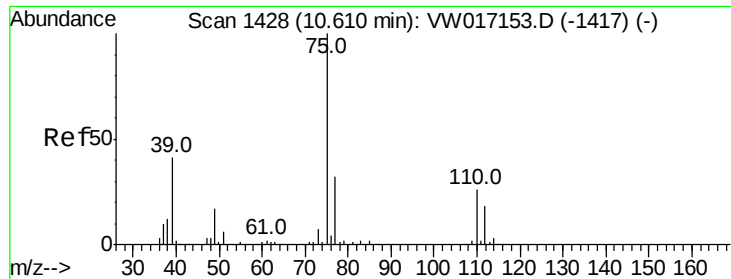
Tgt Ion: 84 Resp: 8028
Ion Ratio Lower Upper
84 100
49 100.8 72.3 134.3
86 75.0 45.1 83.7



#43
4-Methyl-2-pentanone
Concen: 0.754 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017229.D
Acq: 15 Nov 2020 11:45

Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
58 50.2 35.0 52.6
100 19.2 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.442 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017229.D

Acq: 15 Nov 2020 11:45

Instrument :

MSVOA_W

ClientSampleId :

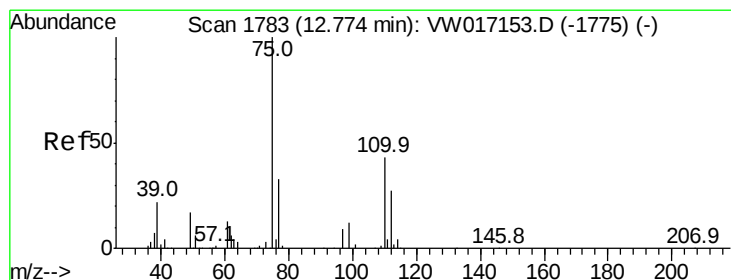
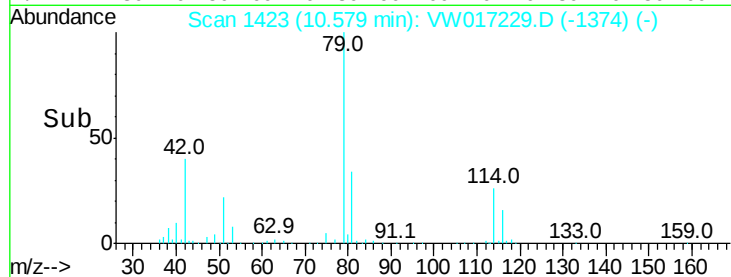
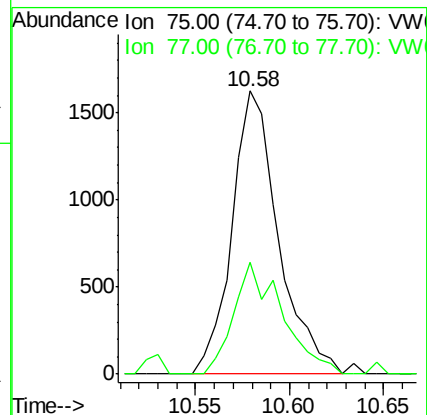
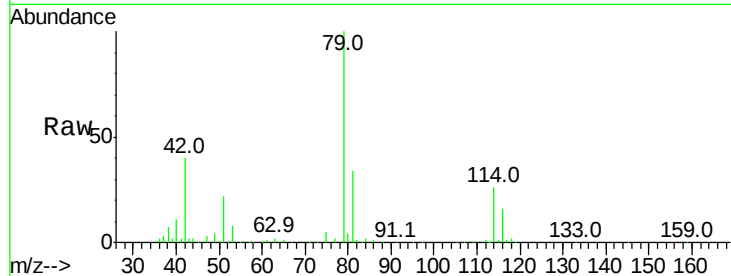
VIBLK13

Tgt Ion: 75 Resp: 2789

Ion Ratio Lower Upper

75 100

77 39.5 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 5.887 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017229.D

Acq: 15 Nov 2020 11:45

Tgt Ion: 75 Resp: 19557

Ion Ratio Lower Upper

75 100

77 37.4 26.4 39.6

