

Data File : VW009928.D
Acq On : 11 Apr 2019 22:55
Operator : SY/VA
Sample : K2278-16
Misc : 4.51G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB6Y8

Quant Time: Apr 12 04:39:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:36:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	592849	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	569815	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242724	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	211890	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.24%
7) Chloroethane-d5	2.89	69	211995	29.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.32%
10) 1,1-Dichloroethene-d2	4.01	63	422816	25.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.36%
20) 2-Butanone-d5	7.07	46	195463	77.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.20%#
24) Chloroform-d	7.64	84	670908	41.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	165.88%#
26) 1,2-Dichloroethane-d4	8.31	65	401259	40.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	161.60%#
29) Benzene-d6	8.27	84	1200322	40.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	160.52%#
33) 1,2-Dichloropropane-d6	9.27	67	391187	42.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	169.36%#
37) Toluene-d8	10.32	98	1063126	38.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	153.76%#
38) trans-1,3-Dichloropropene-	10.58	79	156319	35.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	141.92%#
39) 2-Hexanone-d5	10.93	63	134248	77.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	319005	37.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	385865	45.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	181.20%#

Target Compounds

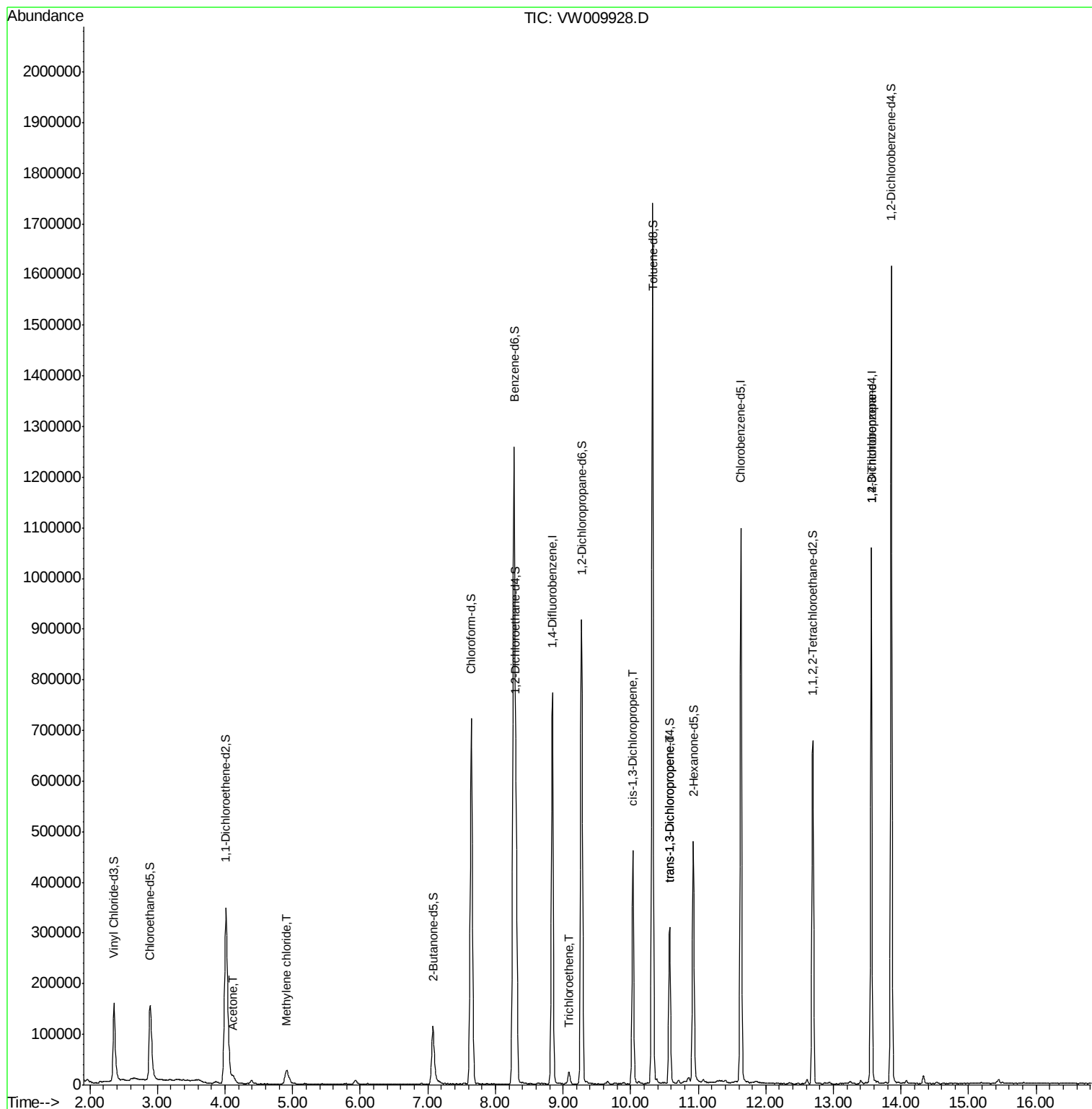
					Qvalue
13) Acetone	4.12	43	18917	7.009 ug/L	100
16) Methylene chloride	4.92	84	21038	2.012 ug/L	96
35) Trichloroethene	9.09	95	7156	0.798 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	12402	0.912 ug/L #	77
45) trans-1,3-Dichloropropene	10.58	75	8123	0.693 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	33387	5.064 ug/L	90

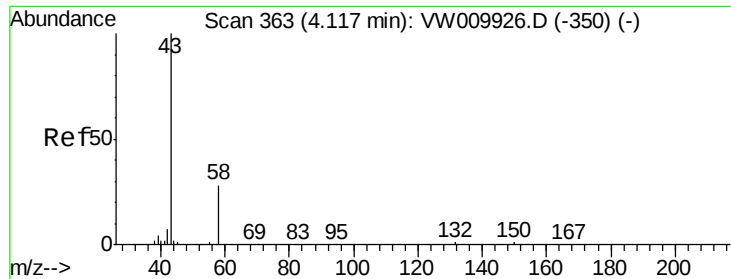
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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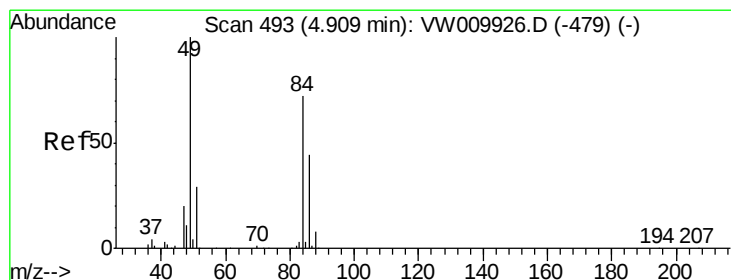
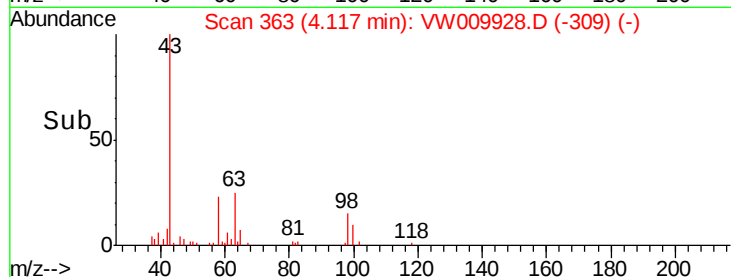
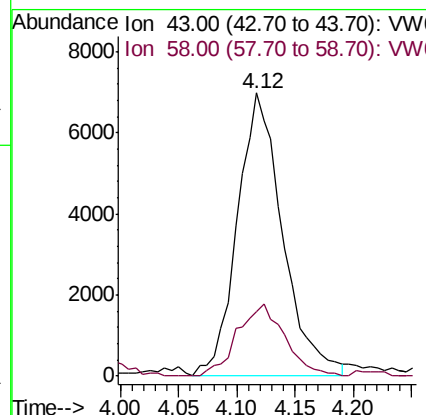
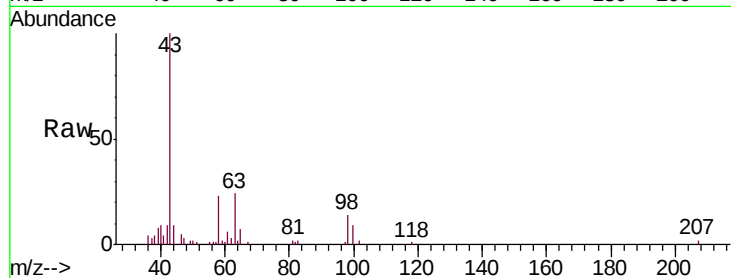




#13
Acetone
Concen: 7.009 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009928.D
Acq: 11 Apr 2019 22:55

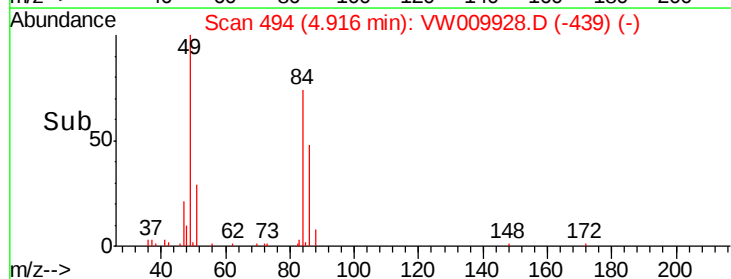
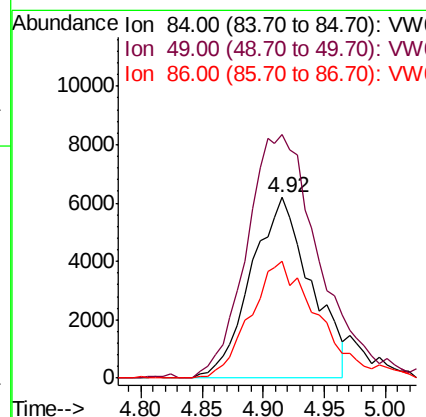
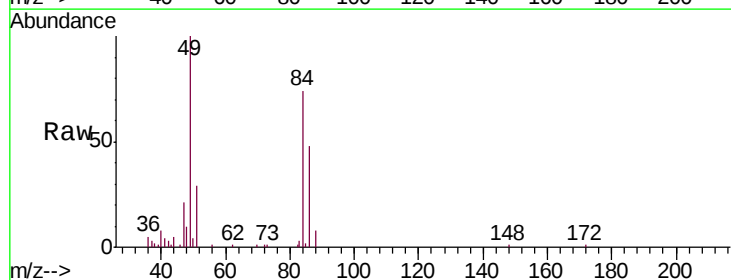
Instrument :
MSVOA_W
ClientSampleId :
DB6Y8

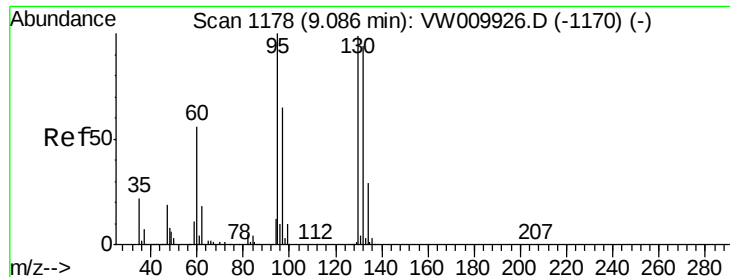
Tgt Ion: 43 Resp: 18917
Ion Ratio Lower Upper
43 100
58 26.6 0.0 53.0



#16
Methylene chloride
Concen: 2.012 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009928.D
Acq: 11 Apr 2019 22:55

Tgt Ion: 84 Resp: 21038
Ion Ratio Lower Upper
84 100
49 135.0 98.3 182.5
86 64.5 46.4 86.2





#35

Trichloroethene

Concen: 0.798 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009928.D

Acq: 11 Apr 2019 22:55

Instrument :

MSVOA_W

ClientSampled :

DB6Y8

Tgt Ion: 95 Resp: 7156

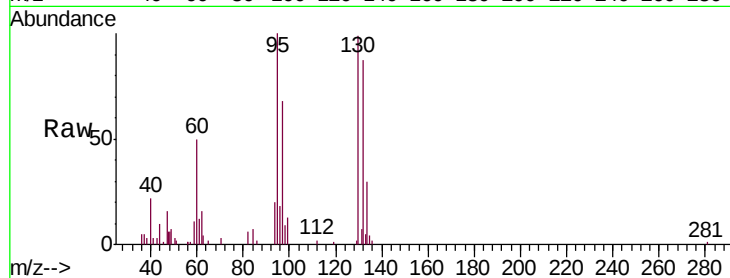
Ion Ratio Lower Upper

95 100

97 66.6 44.9 83.5

132 92.3 67.1 124.7

130 102.7 69.2 128.6

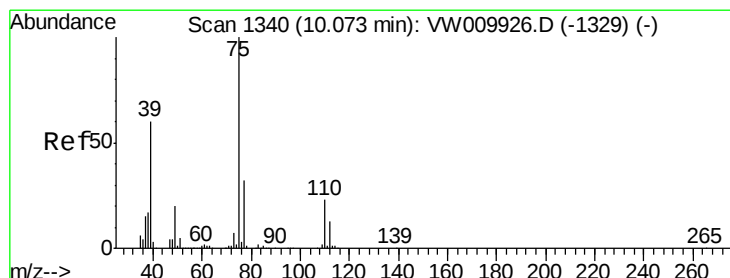
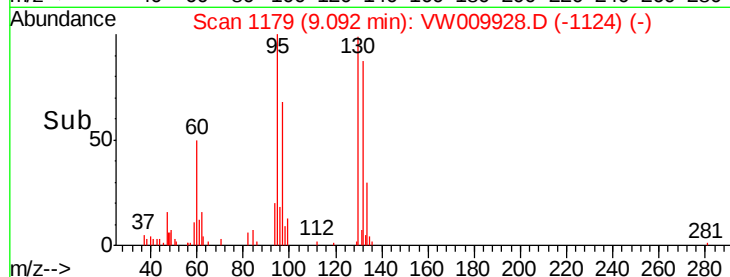
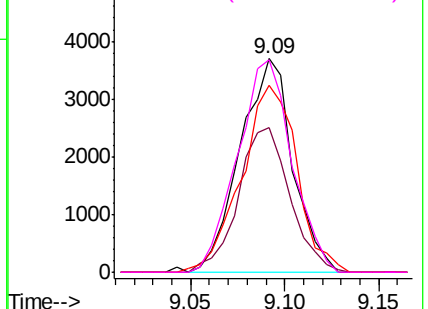


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.912 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009928.D

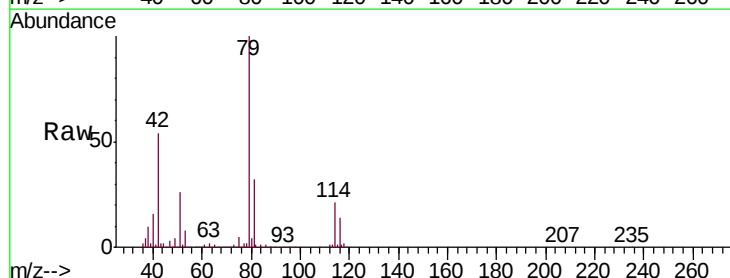
Acq: 11 Apr 2019 22:55

Tgt Ion: 75 Resp: 12402

Ion Ratio Lower Upper

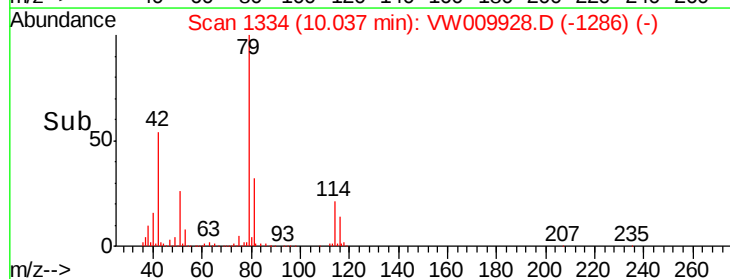
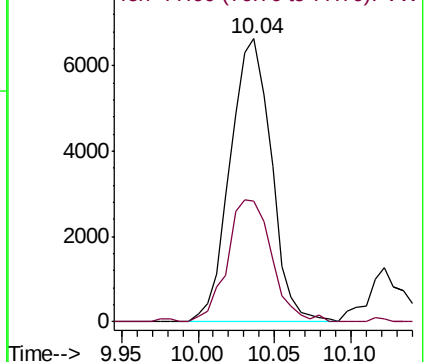
75 100

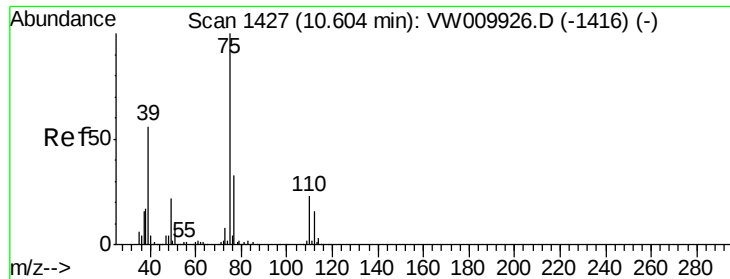
77 42.5 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009928.D

Acq: 11 Apr 2019 22:55

Instrument :

MSVOA_W

ClientSampled :

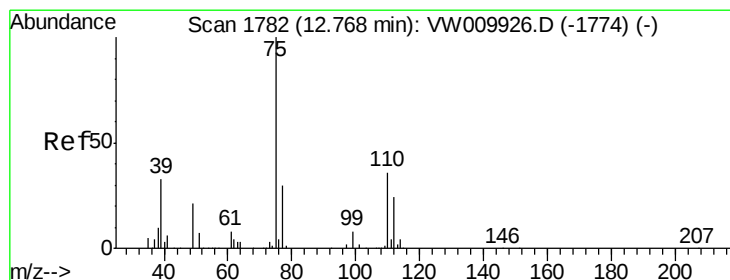
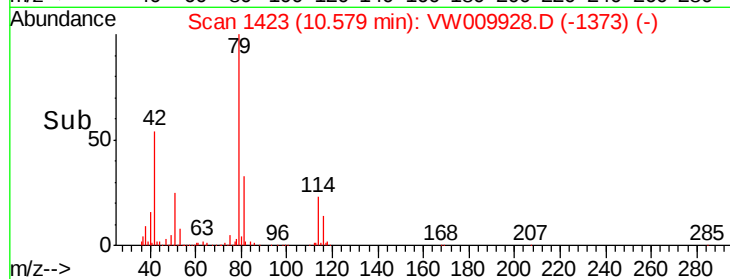
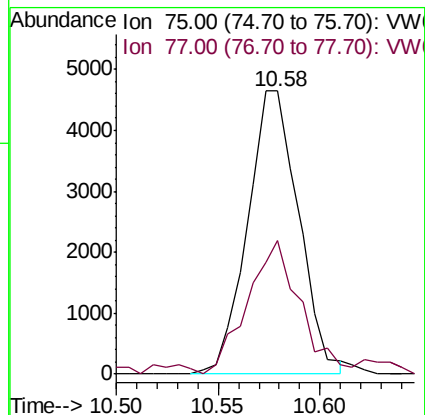
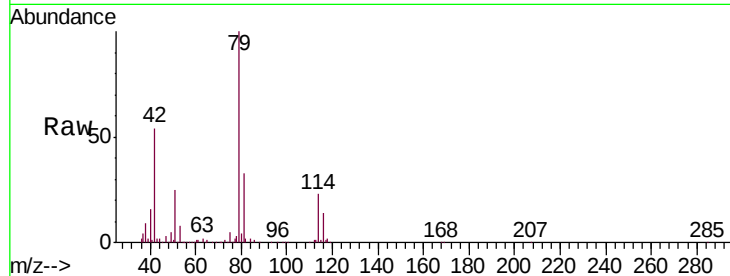
DB6Y8

Tgt Ion: 75 Resp: 8123

Ion Ratio Lower Upper

75 100

77 47.4 21.1 39.3#



#59

1,2,3-Trichloropropane

Concen: 5.064 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009928.D

Acq: 11 Apr 2019 22:55

Tgt Ion: 75 Resp: 33387

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2

