

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017242.D
 Acq On : 15 Nov 2020 16:49
 Operator : SY/VA
 Sample : L4739-03
 Misc : 6.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z2

Quant Time: Nov 16 09:56:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	436651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80284	14.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.40%
7) Chloroethane-d5	2.89	69	72271	17.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.20%
10) 1,1-Dichloroethene-d2	4.02	63	128892	13.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.40%
20) 2-Butanone-d5	7.08	46	57008	46.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.70%
24) Chloroform-d	7.65	84	201997	19.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	8.31	65	113865	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	8.28	84	385368	18.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.00%
33) 1,2-Dichloropropane-d6	9.28	67	109881	19.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.28%
37) Toluene-d8	10.33	98	374955	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.36%
38) trans-1,3-Dichloropropene-	10.58	79	51822	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	49975	50.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113644	22.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	159357	21.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.72%

Target Compounds

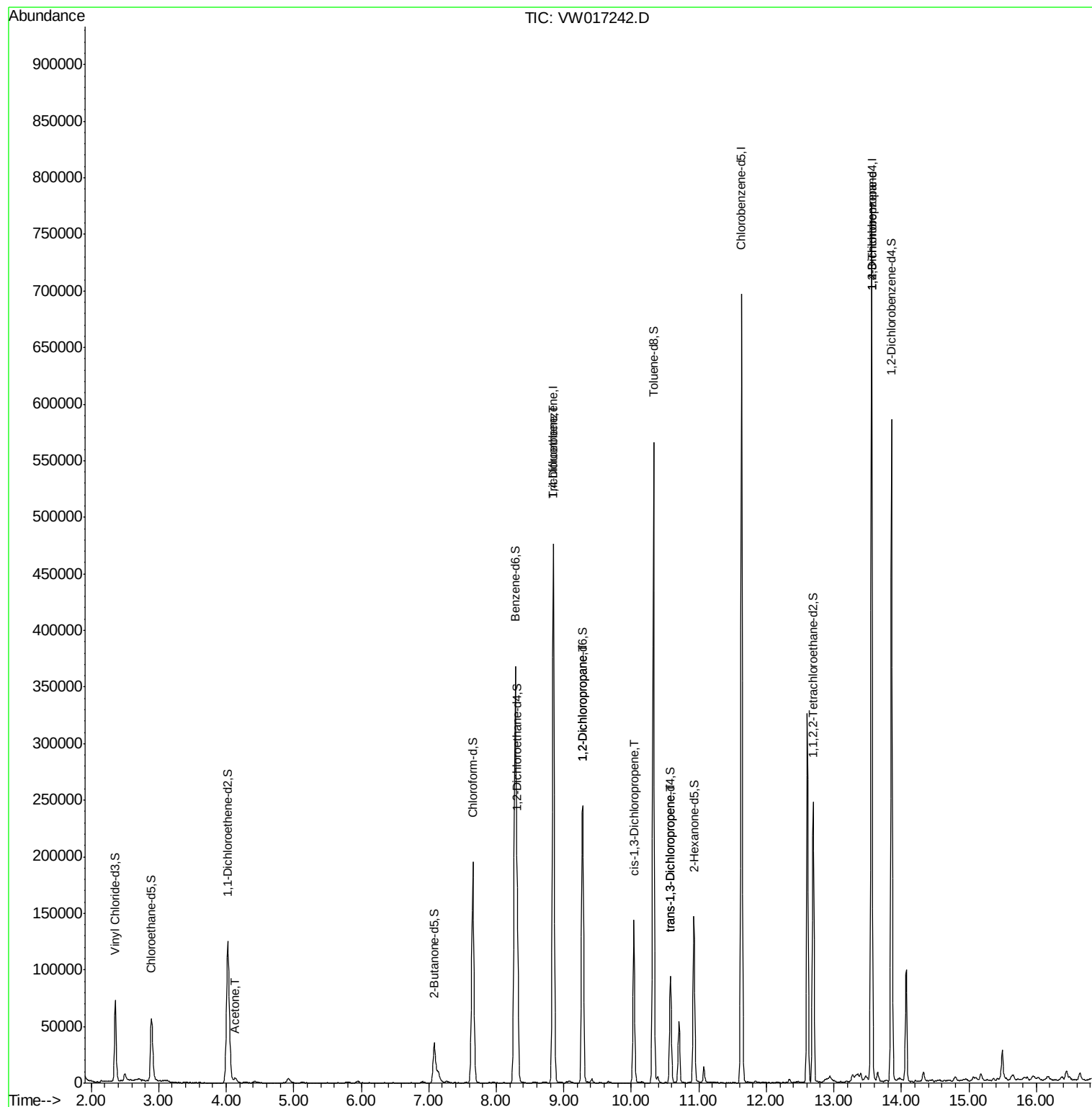
					Ovalue
13) Acetone	4.14	43	7437	9.031 ug/L	95
35) Trichloroethene	8.85	95	12469	2.100 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13612	2.747 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4203	0.535 ug/L #	67
45) trans-1,3-Dichloropropene	10.59	75	2748	0.408 ug/L	86
59) 1,2,3-Trichloropropane	13.56	75	22514	6.346 ug/L	90

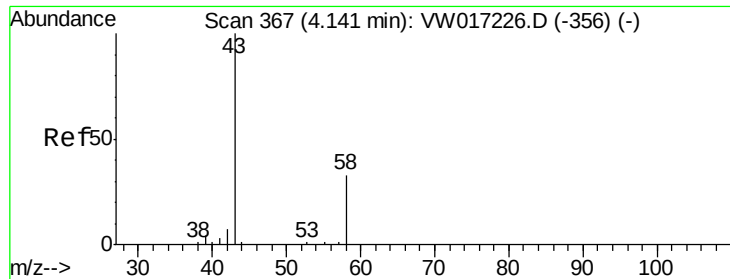
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 9.031 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017242.D

Acq: 15 Nov 2020 16:49

Instrument :

MSVOA_W

ClientSampled :

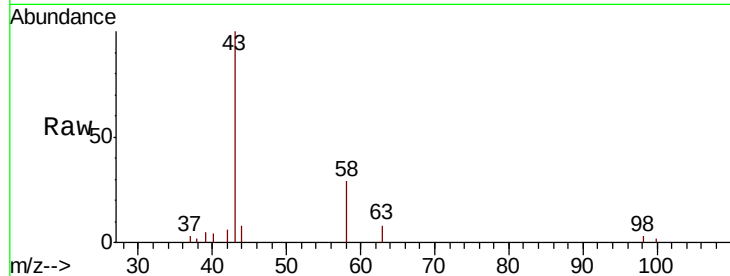
GB0Z2

Tot Ion: 43 Resp: 7437

Ion Ratio Lower Upper

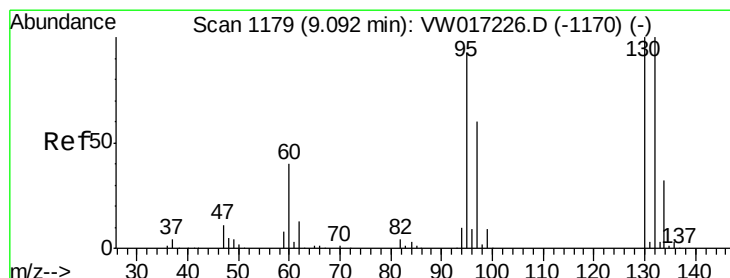
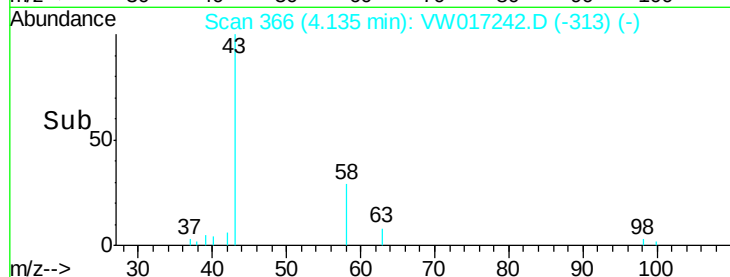
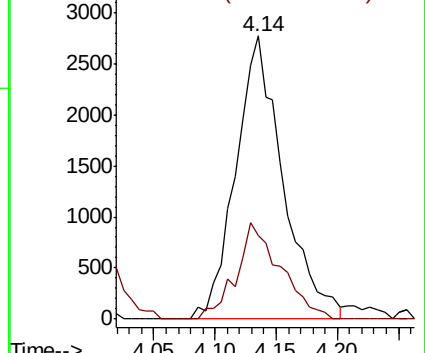
43 100

58 31.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.100 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017242.D

Acq: 15 Nov 2020 16:49

Tgt Ion: 95 Resp: 12469

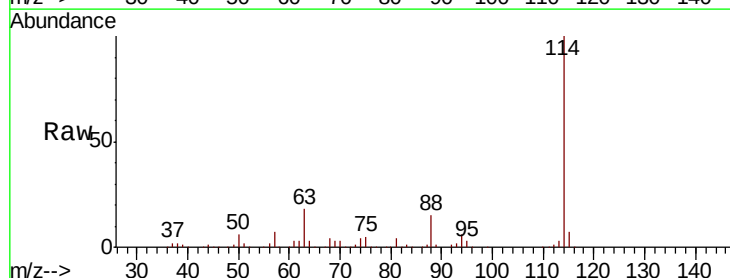
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

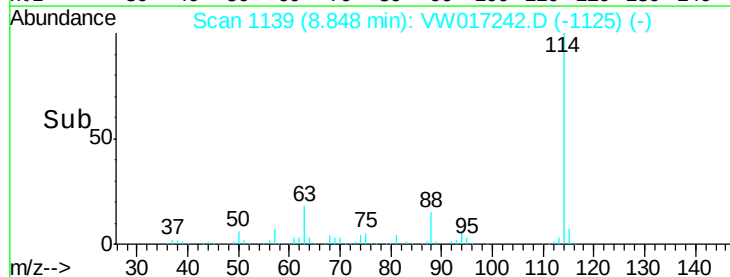
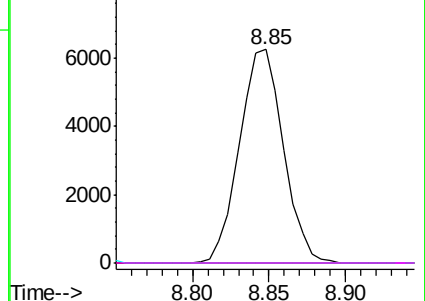


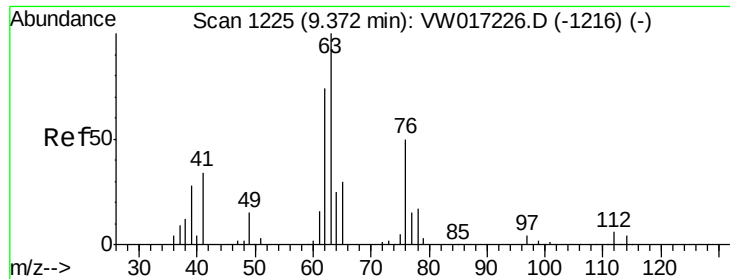
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

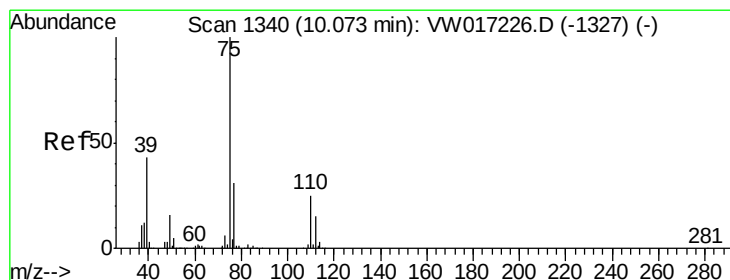
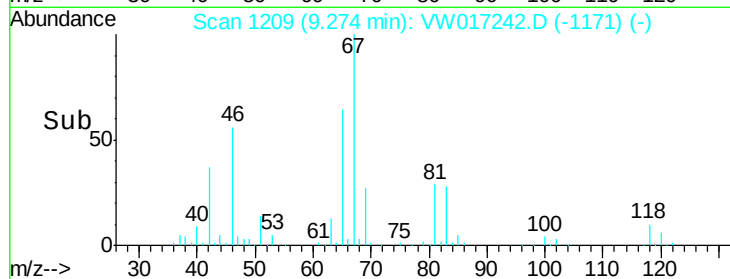
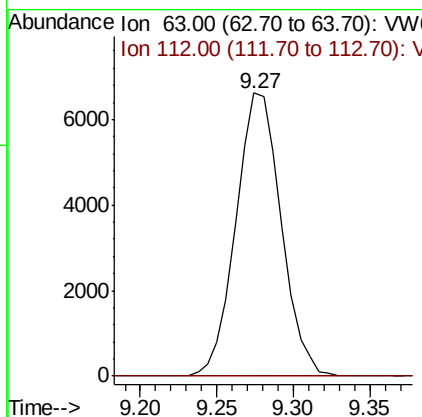
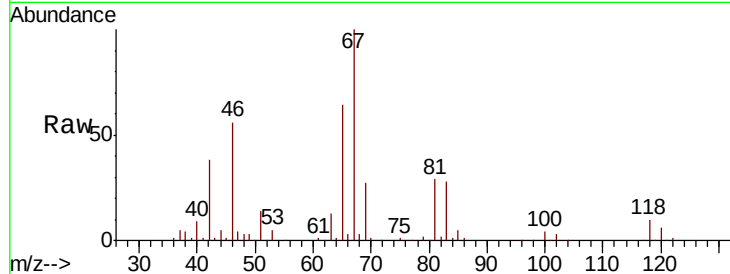




#40
 1,2-Dichloropropane
 Concen: 2.747 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017242.D
 Acq: 15 Nov 2020 16:49

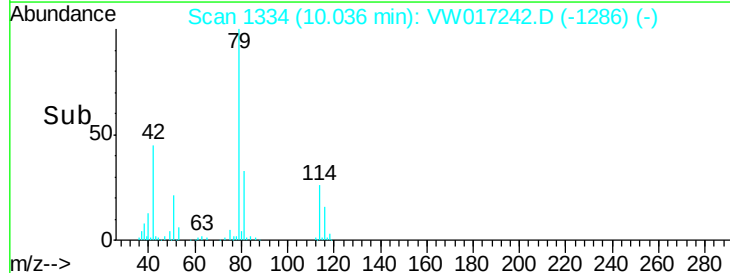
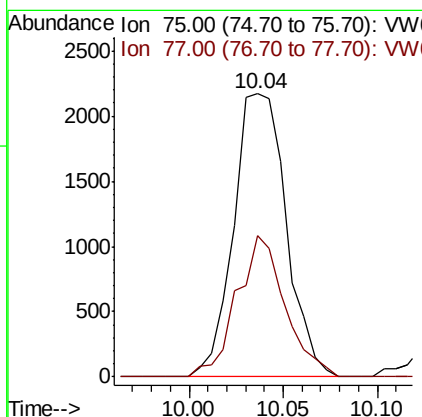
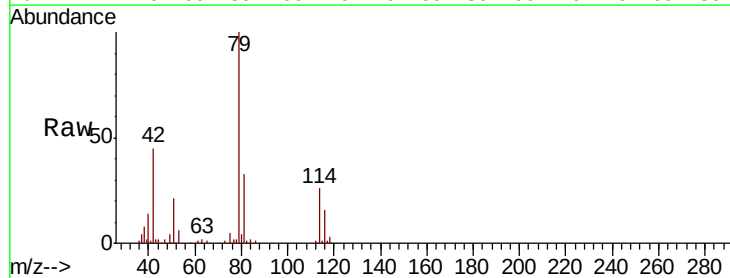
Instrument :
 MSVOA_W
 ClientSampled :
 GB0Z2

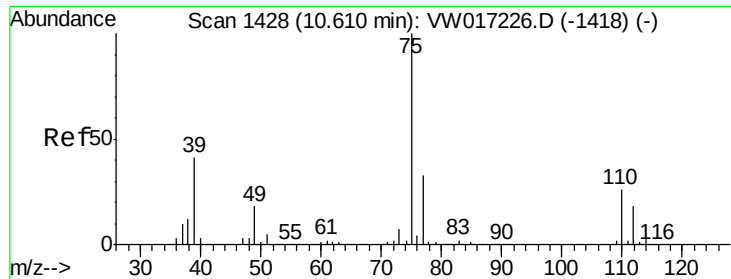
Tot Ion: 63 Resp: 13612
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.535 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017242.D
 Acq: 15 Nov 2020 16:49

Tgt Ion: 75 Resp: 4203
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.408 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017242.D

Acq: 15 Nov 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

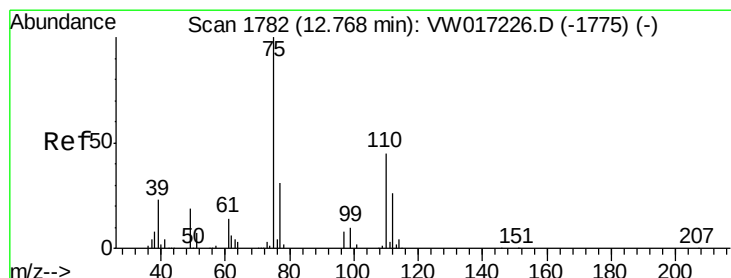
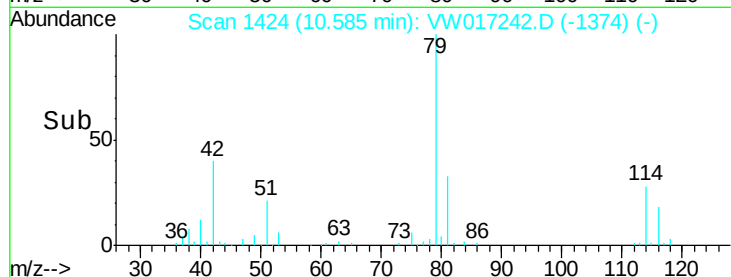
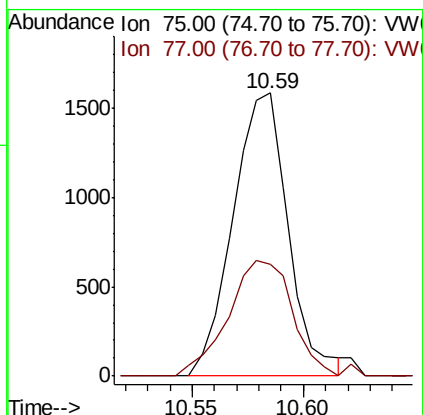
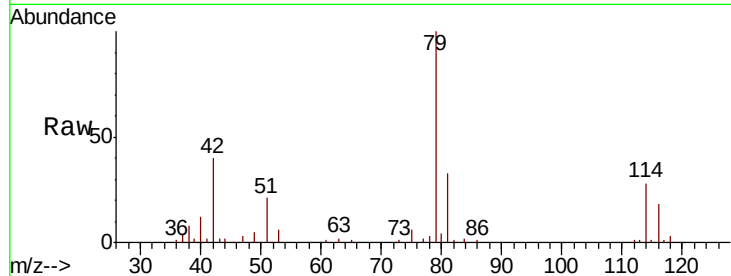
GB0Z2

Tot Ion: 75 Resp: 2748

Ion Ratio Lower Upper

75 100

77 39.5 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 6.346 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017242.D

Acq: 15 Nov 2020 16:49

Tgt Ion: 75 Resp: 22514

Ion Ratio Lower Upper

75 100

77 38.5 26.4 39.6

