

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016640.D
 Acq On : 24 Sep 2020 14:50
 Operator : SY/VA
 Sample : L4108-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L5

Quant Time: Sep 25 08:02:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	708881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	615494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	266417	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	152697	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.00%
7) Chloroethane-d5	2.90	69	137269	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
10) 1,1-Dichloroethene-d2	4.03	63	251476	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	7.08	46	73457	39.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.54%
24) Chloroform-d	7.78	84	146	0.01	ug/L	0.13
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.31	65	184272	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.28	84	708725	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	9.28	67	193864	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.68%
37) Toluene-d8	10.33	98	678043	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	82835	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.88%
39) 2-Hexanone-d5	10.93	63	59420	43.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142794	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	224794	26.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.64%

Target Compounds

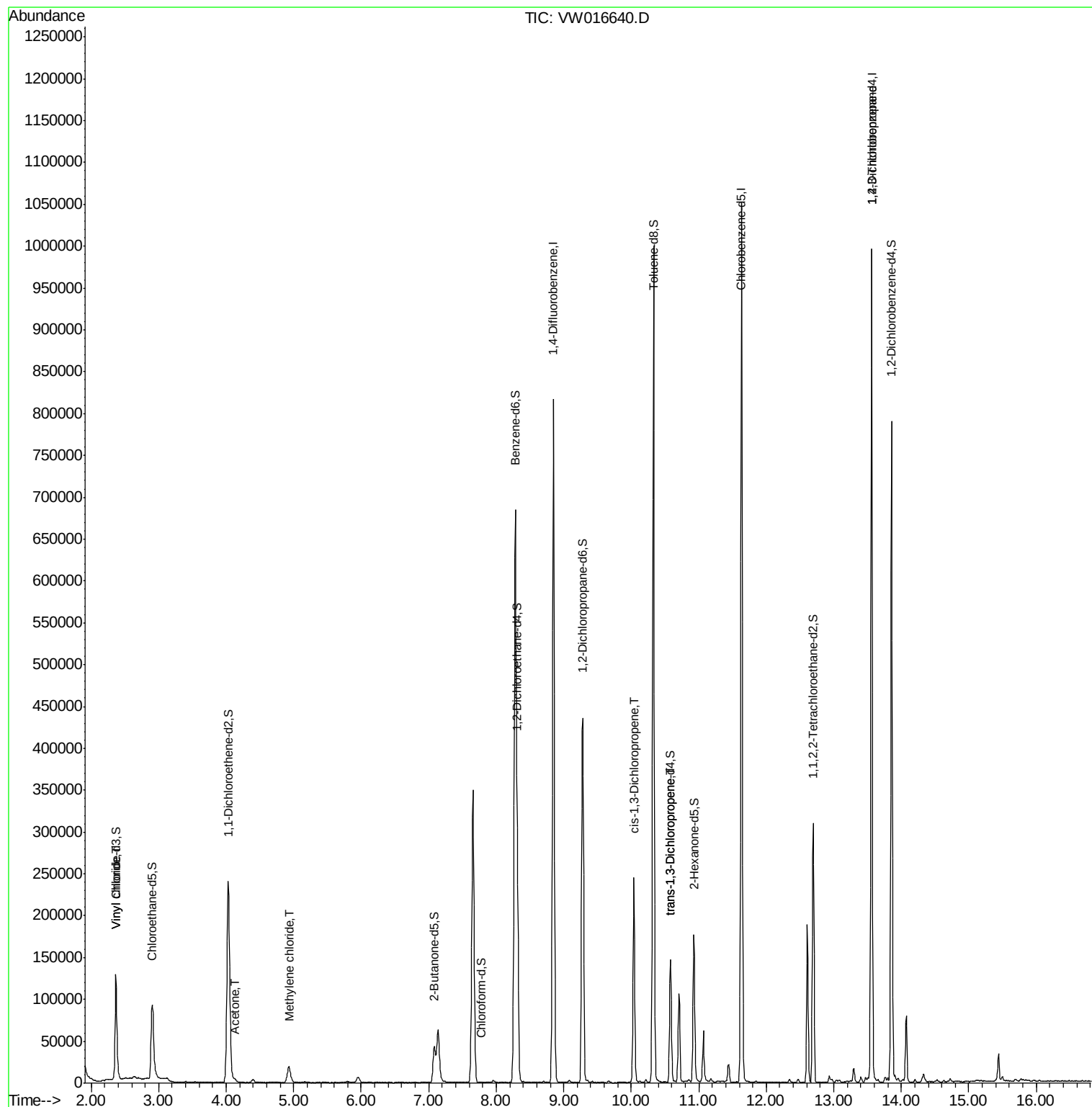
					Ovalue
5) Vinyl chloride	2.37	62	2629	0.278 ug/L #	1
13) Acetone	4.13	43	5654	3.858 ug/L	96
16) Methylene chloride	4.93	84	16699	1.527 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	6970	0.532 ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	4072	0.357 ug/L #	75
59) 1,2,3-Trichloropropane	13.56	75	27884	5.179 ug/L	90

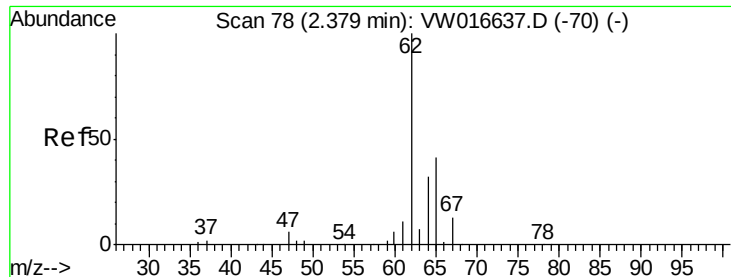
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 25 07:55:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.278 ug/L

RT: 2.37 min Scan# 77

Delta R.T. -0.01 min

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Acq: 24 Sep 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

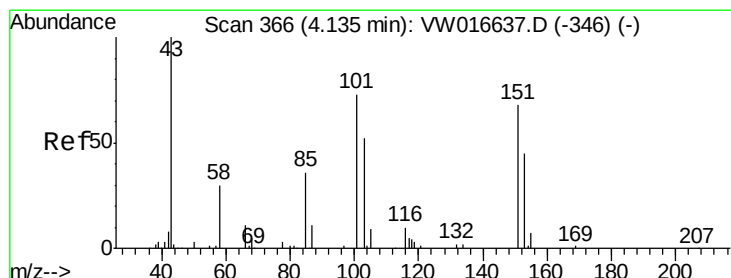
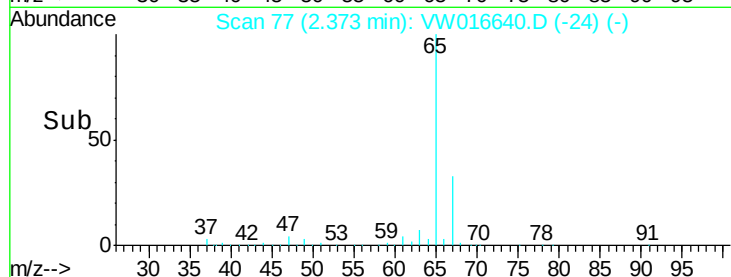
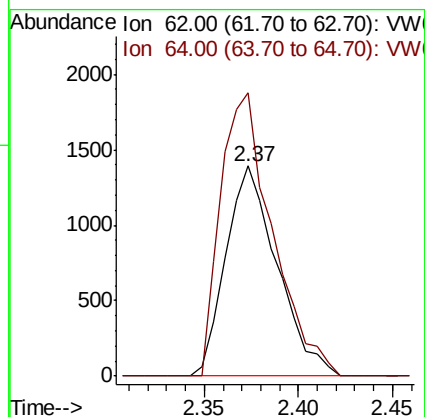
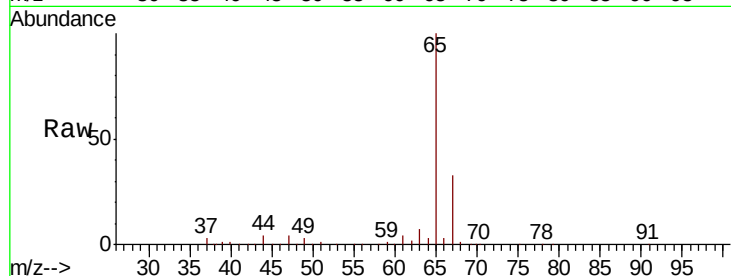
BG3L5

Tot Ion: 62 Resp: 2629

Ion Ratio Lower Upper

62 100

64 134.9 23.4 43.4#



#13

Acetone

Concen: 3.858 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016640.D

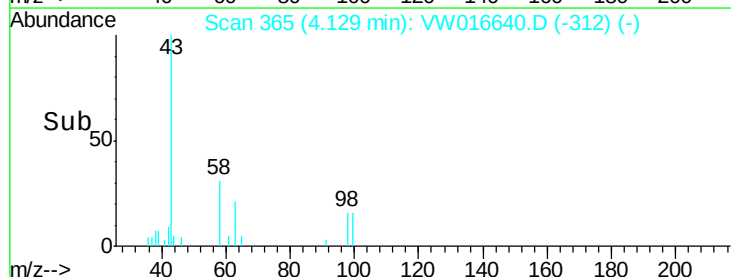
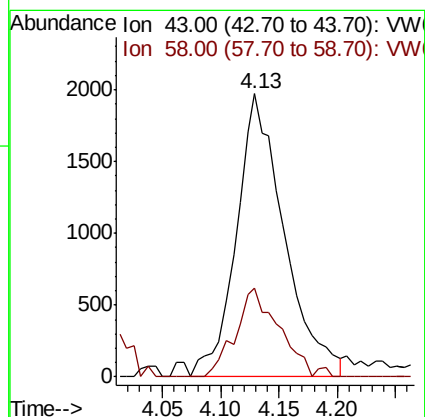
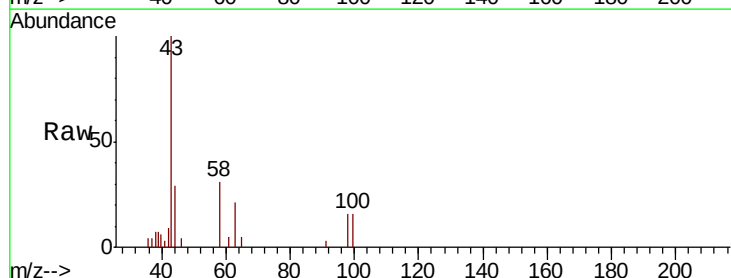
Acq: 24 Sep 2020 14:50

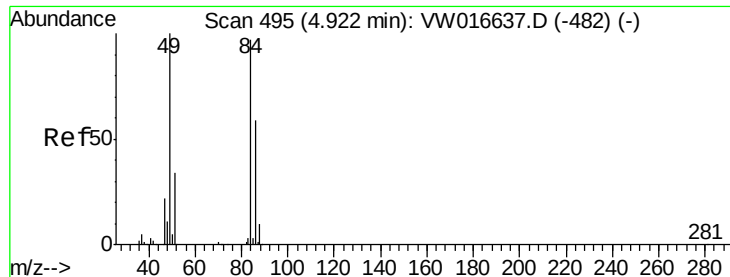
Tgt Ion: 43 Resp: 5654

Ion Ratio Lower Upper

43 100

58 28.0 0.0 60.2

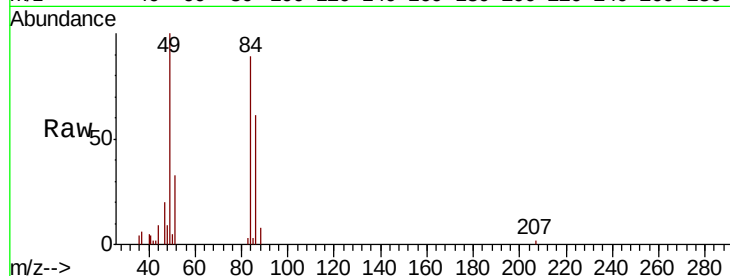




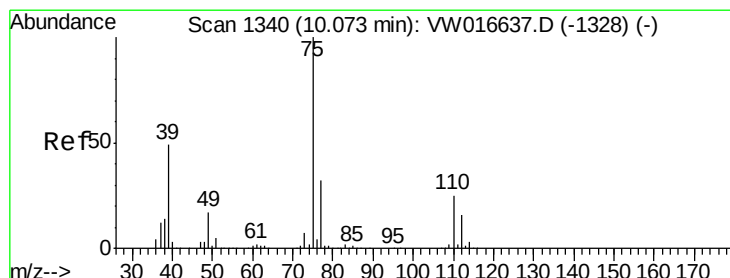
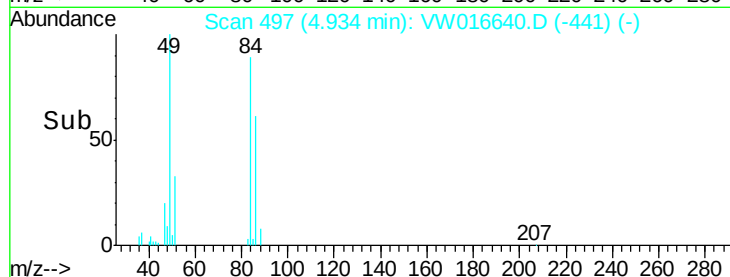
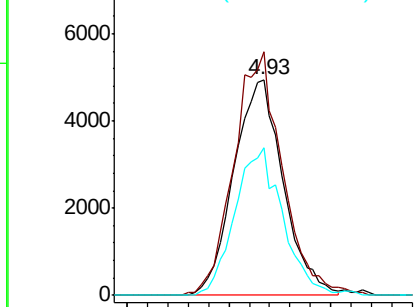
#16
Methylene chloride
Concen: 1.527 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016640.D
Acq: 24 Sep 2020 14:50

Instrument :
MSVOA_W
ClientSampled :
BG3L5

Tot Ion: 84 Resp: 16699
Ion Ratio Lower Upper
84 100
49 112.8 76.0 141.2
86 68.3 45.6 84.6

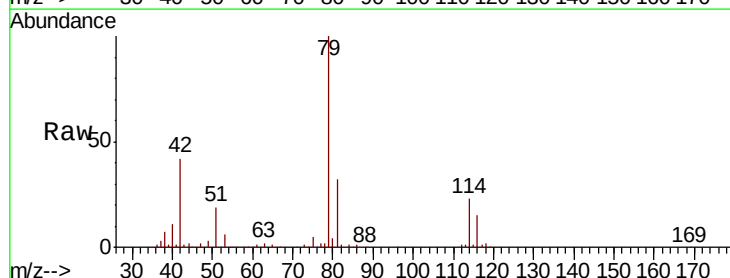


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

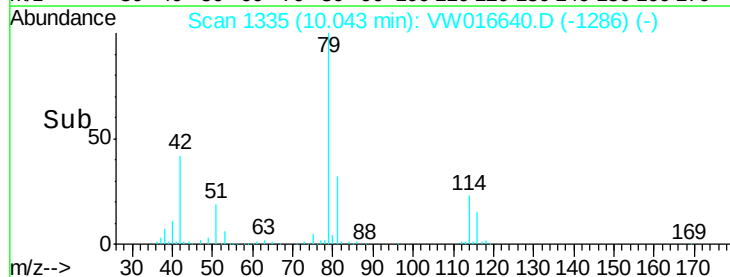
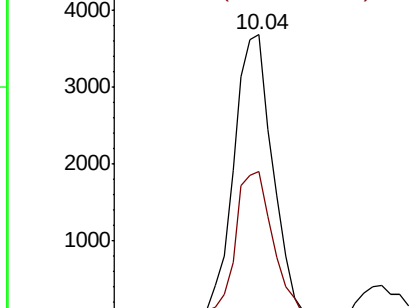


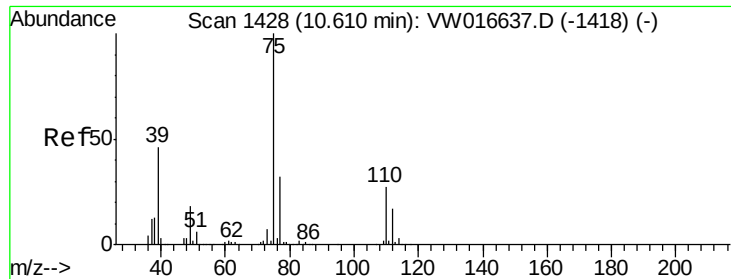
#42
cis-1,3-Dichloropropene
Concen: 0.532 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016640.D
Acq: 24 Sep 2020 14:50

Tgt Ion: 75 Resp: 6970
Ion Ratio Lower Upper
75 100
77 51.8 22.2 41.2#



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: 0.357 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016640.D

Acq: 24 Sep 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

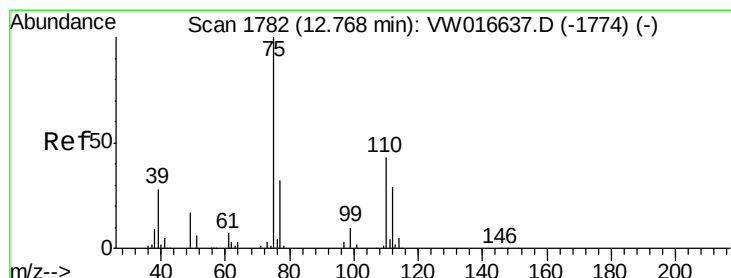
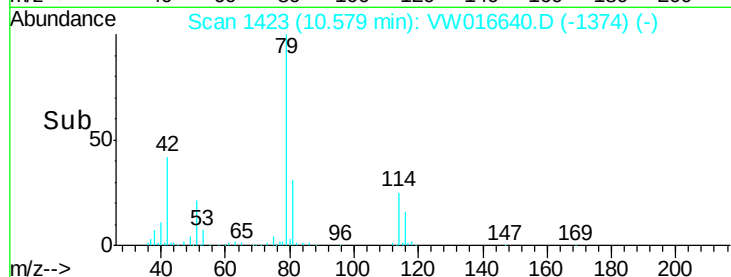
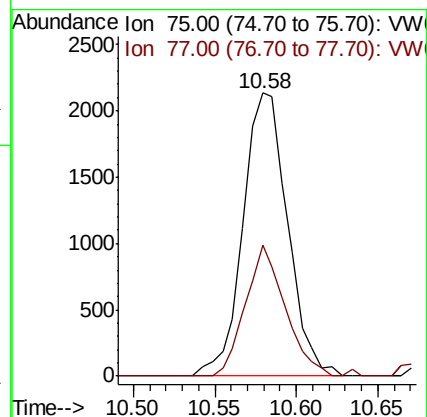
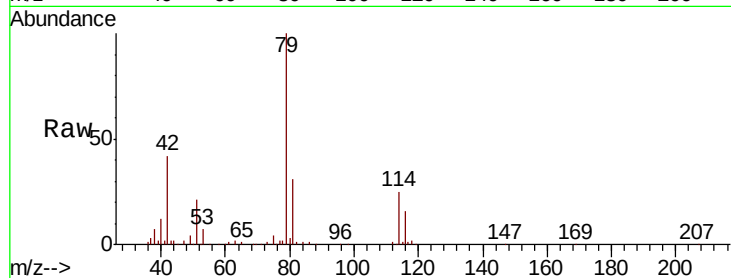
BG3L5

Tot Ion: 75 Resp: 4072

Ion Ratio Lower Upper

75 100

77 46.4 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 5.179 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016640.D

Acq: 24 Sep 2020 14:50

Tgt Ion: 75 Resp: 27884

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.4

