

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016698.D
 Acq On : 29 Sep 2020 19:50
 Operator : SY/VA
 Sample : L4184-10
 Misc : 4.28G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AN7

Quant Time: Sep 30 07:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	661636	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	592752	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	280279	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	127383	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.91	69	118706	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
10) 1,1-Dichloroethene-d2	4.03	63	212942	14.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.48%
20) 2-Butanone-d5	7.08	46	73217	41.93	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.86%
24) Chloroform-d	7.65	84	342126	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	8.31	65	172862	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.32%
29) Benzene-d6	8.28	84	664605	25.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.00%
33) 1,2-Dichloropropane-d6	9.28	67	185839	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.33	98	615397	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.12%
38) trans-1,3-Dichloropropene-	10.58	79	75084	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	59045	45.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145510	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	228496	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

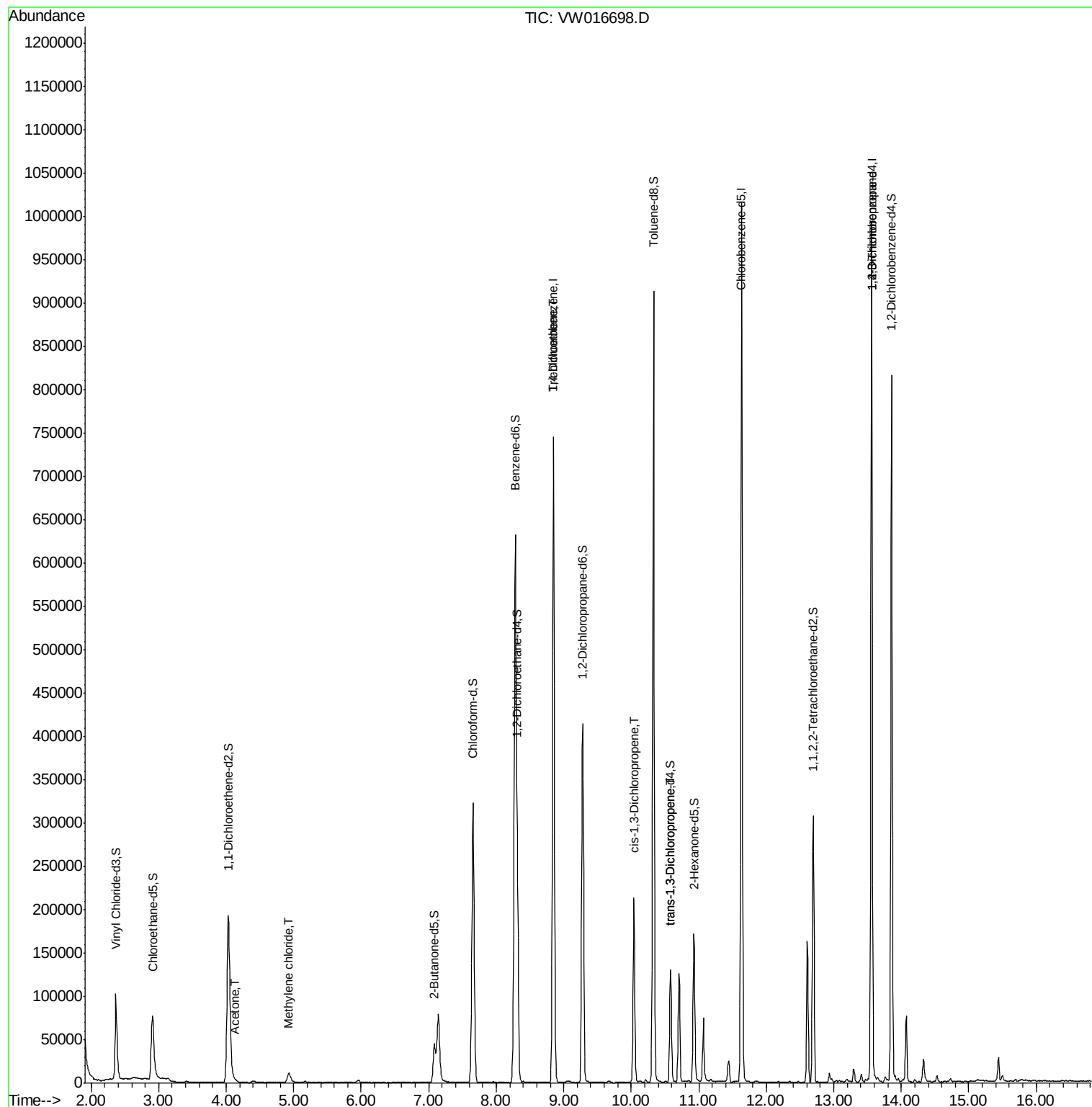
					Ovalue
13) Acetone	4.14	43	3502	2.560 ug/L	80
16) Methylene chloride	4.93	84	9891	0.969 ug/L	93
35) Trichloroethene	8.85	95	19488	2.120 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	6040	0.479 ug/L	83
45) trans-1,3-Dichloropropene	10.58	75	3602	0.328 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	28686	5.533 ug/L	92

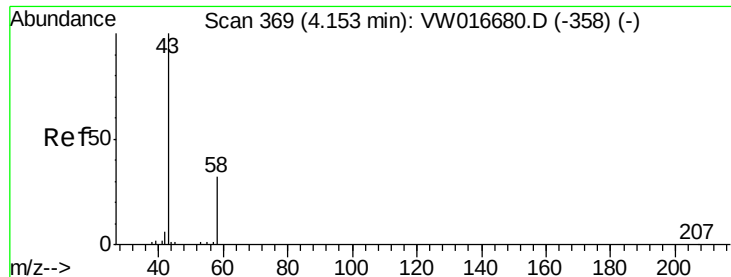
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 07:14:58 2020
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#13

Acetone

Concen: 2.560 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

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ClientSampleId :

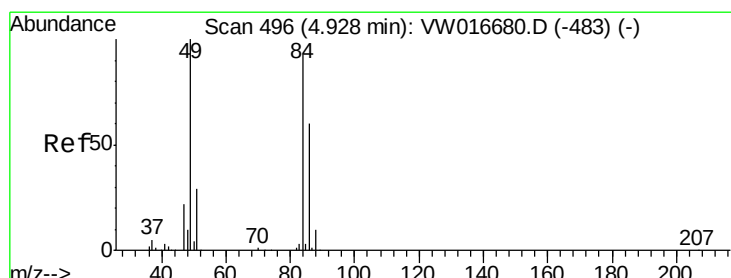
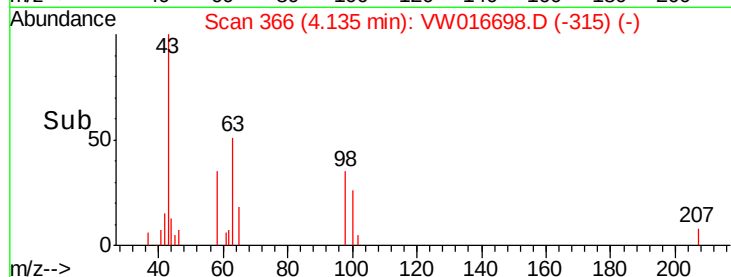
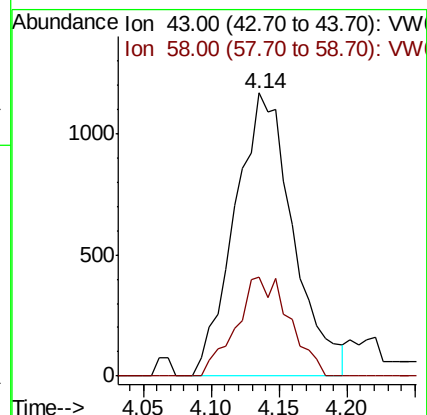
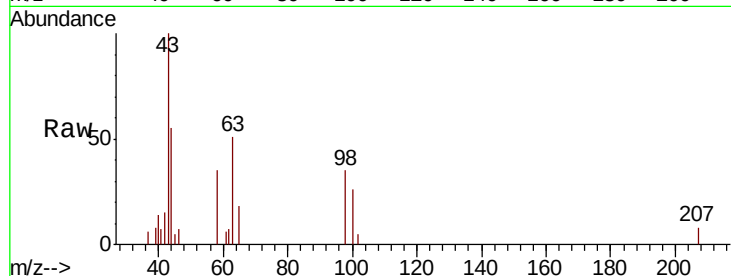
C0AN7

Tot Ion: 43 Resp: 3502

Ion Ratio Lower Upper

43 100

58 19.4 0.0 60.2



#16

Methylene chloride

Concen: 0.969 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

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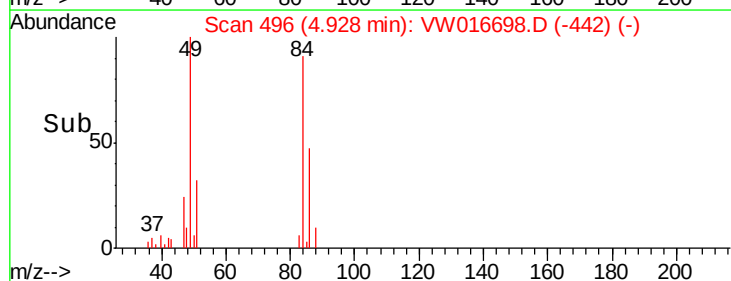
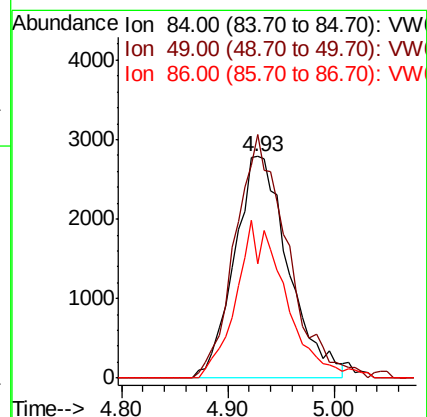
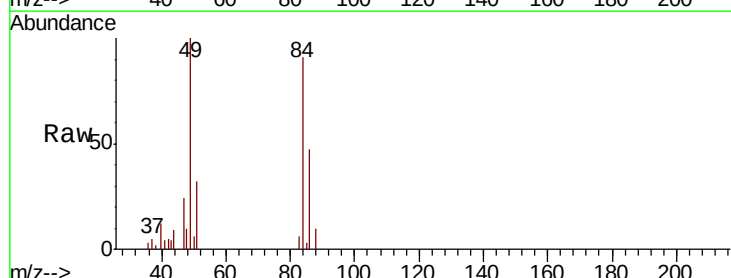
Tgt Ion: 84 Resp: 9891

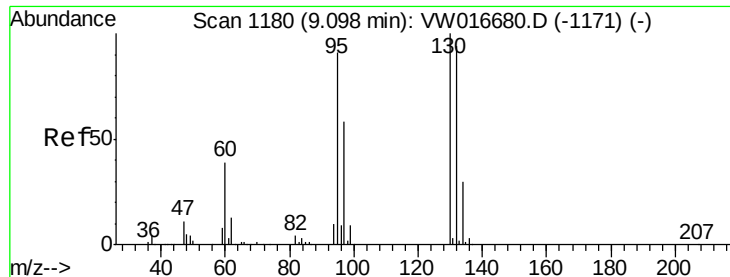
Ion Ratio Lower Upper

84 100

49 109.8 76.0 141.2

86 51.7 45.6 84.6





#35

Trichloroethene

Concen: 2.120 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016698.D

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Instrument :

MSVOA_W

ClientSampled :

C0AN7

Tot Ion: 95 Resp: 19488

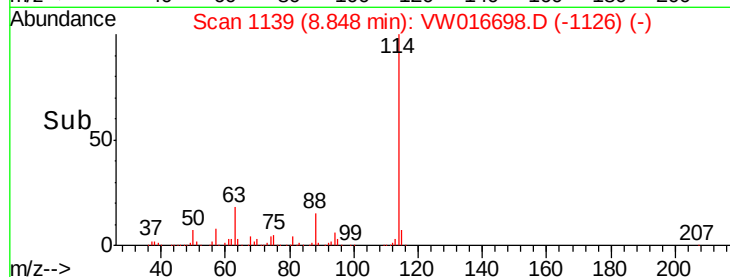
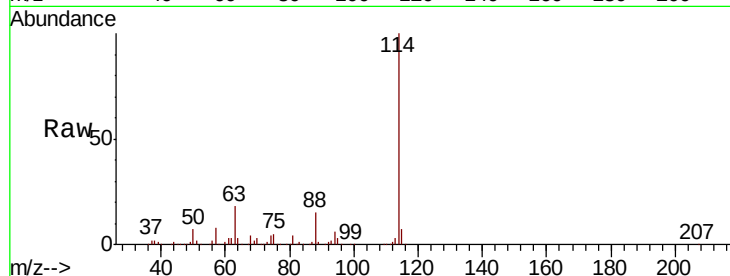
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

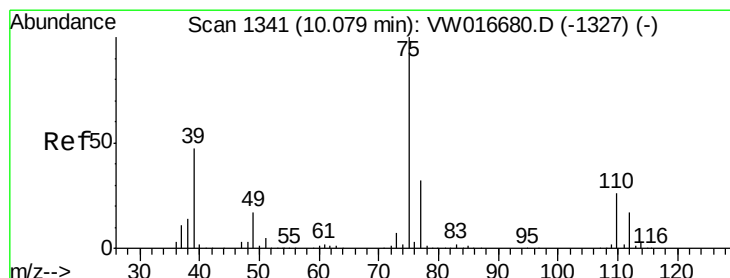
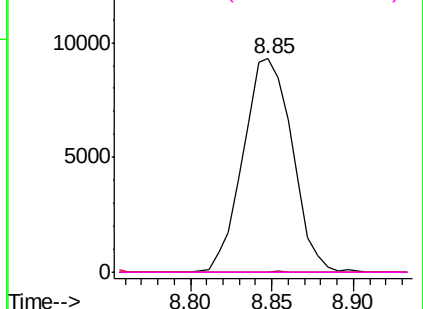


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.479 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016698.D

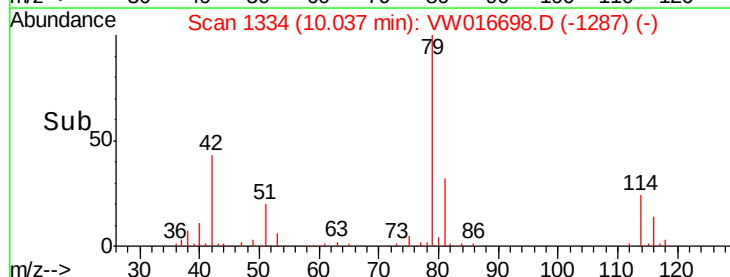
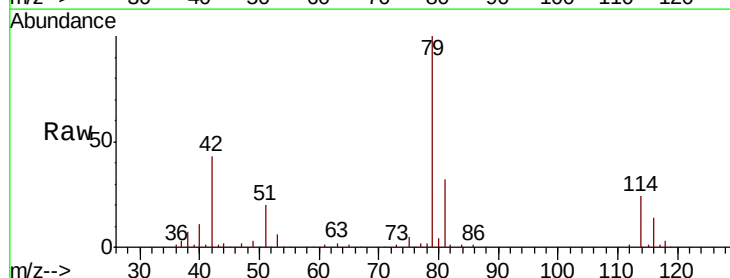
Acq: 29 Sep 2020 19:50

Tgt Ion: 75 Resp: 6040

Ion Ratio Lower Upper

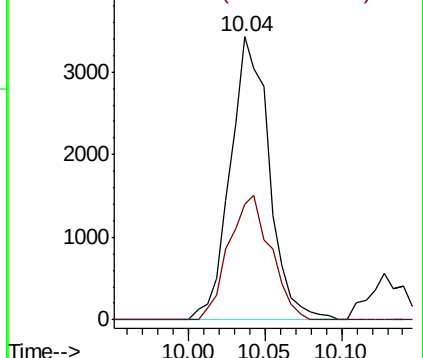
75 100

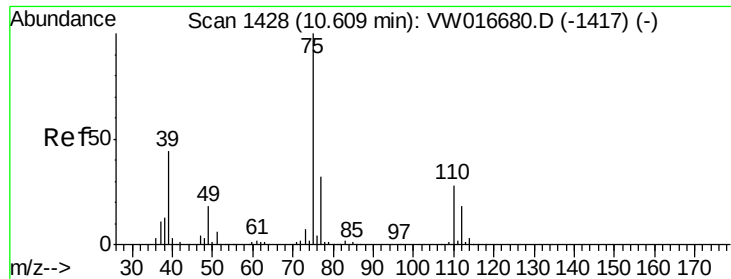
77 41.1 22.2 41.2



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: 0.328 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016698.D

Acq: 29 Sep 2020 19:50

Instrument :

MSVOA_W

ClientSampleId :

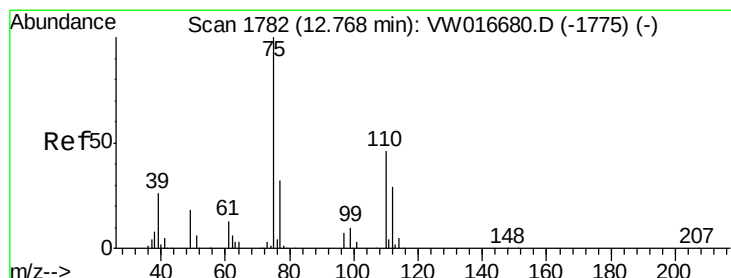
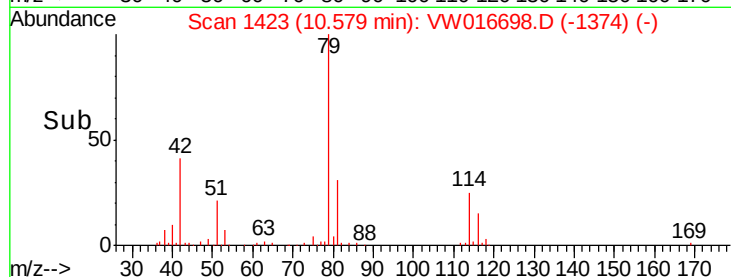
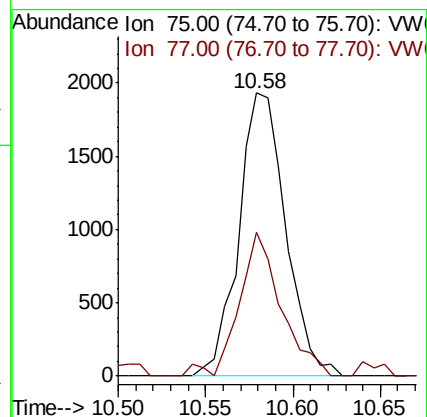
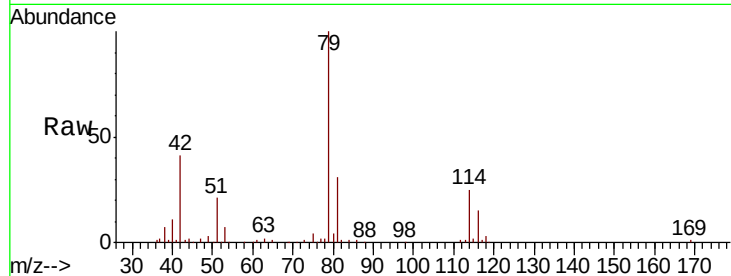
C0AN7

Tot Ion: 75 Resp: 3602

Ion Ratio Lower Upper

75 100

77 50.7 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 5.533 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016698.D

Acq: 29 Sep 2020 19:50

Tgt Ion: 75 Resp: 28686

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.4

