

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017853.D
 Acq On : 13 Jan 2021 17:29
 Operator : SY/VA
 Sample : M1132-02
 Misc : 4.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A01

Quant Time: Jan 14 11:42:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	106905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135484	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
7) Chloroethane-d5	2.89	69	117002	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.02	63	175953	19.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.32%
20) 2-Butanone-d5	7.09	46	47489	56.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.58%
24) Chloroform-d	7.65	84	228444	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.31	65	129348	28.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.72%
29) Benzene-d6	8.27	84	445511	27.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.24%
33) 1,2-Dichloropropane-d6	9.27	67	129664	29.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.36%
37) Toluene-d8	10.32	98	403989	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.08%
38) trans-1,3-Dichloropropene-	10.58	79	48768	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.20%
39) 2-Hexanone-d5	10.93	63	32736	58.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90491	27.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	88860	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds

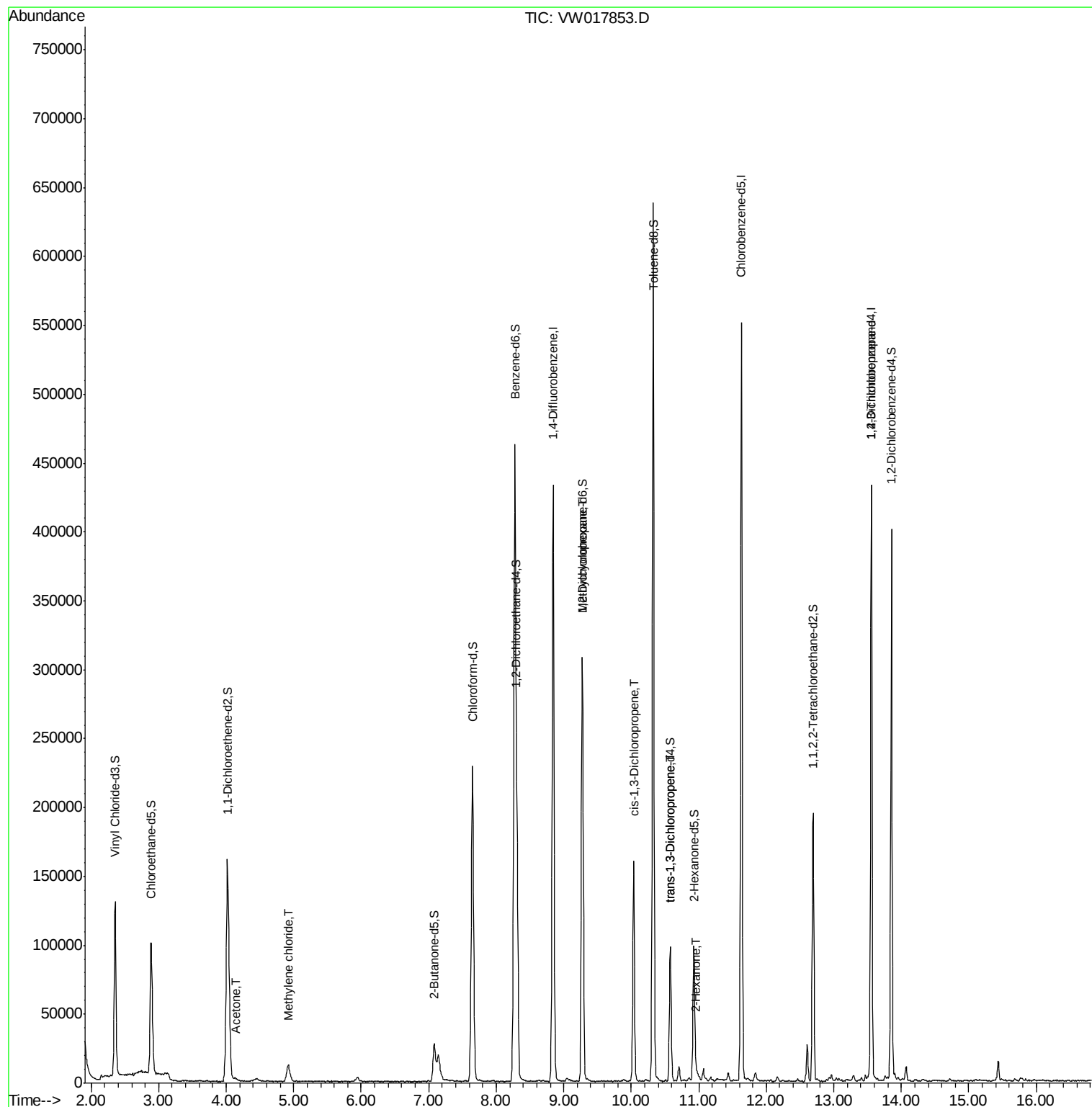
					Qvalue
13) Acetone	4.14	43	2647	3.666 ug/L	96
16) Methylene chloride	4.92	84	9220	1.934 ug/L	96
36) Methylcyclohexane	9.27	83	32574	4.102 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	4895	0.792 ug/L #	78
45) trans-1,3-Dichloropropene	10.58	75	3147	0.598 ug/L	91
49) 2-Hexanone	10.96	43	601	0.450 ug/L #	60
59) 1,2,3-Trichloropropane	13.56	75	16002	6.773 ug/L	93

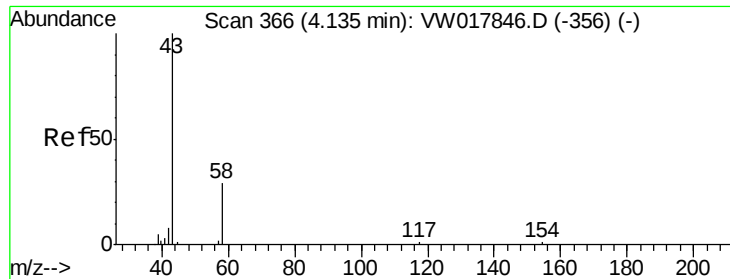
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.666 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017853.D

Acq: 13 Jan 2021 17:29

Instrument :

MSVOA_W

ClientSampled :

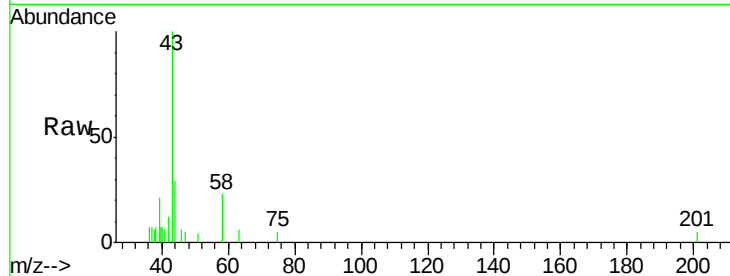
F1A01

Tgt Ion: 43 Resp: 2647

Ion Ratio Lower Upper

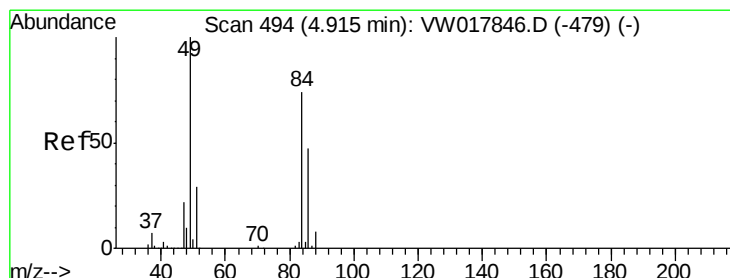
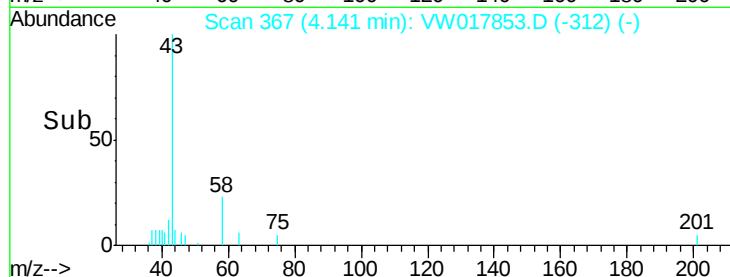
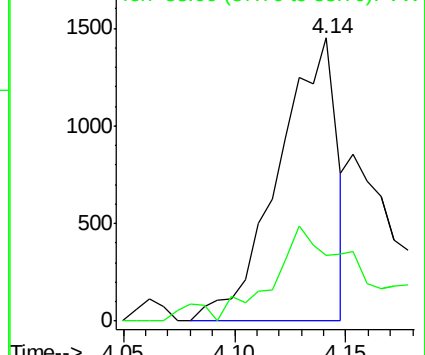
43 100

58 28.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.934 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017853.D

Acq: 13 Jan 2021 17:29

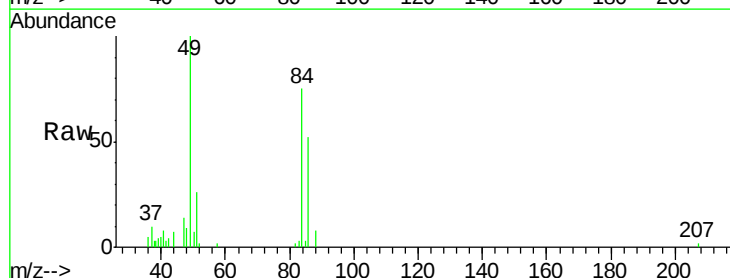
Tgt Ion: 84 Resp: 9220

Ion Ratio Lower Upper

84 100

49 132.9 90.5 168.1

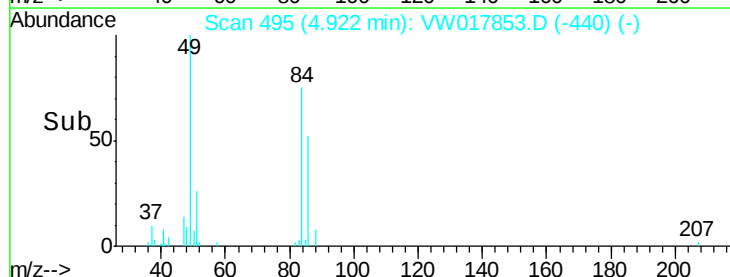
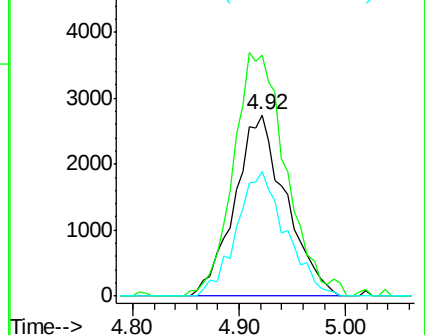
86 68.5 44.8 83.2

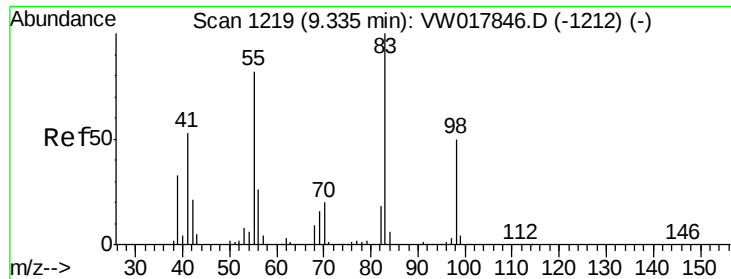


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

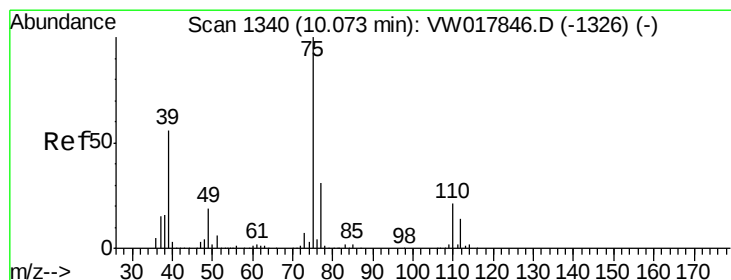
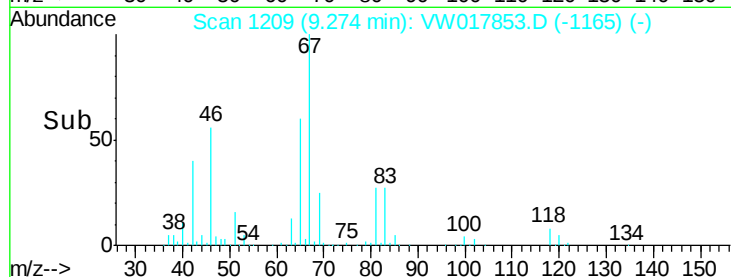
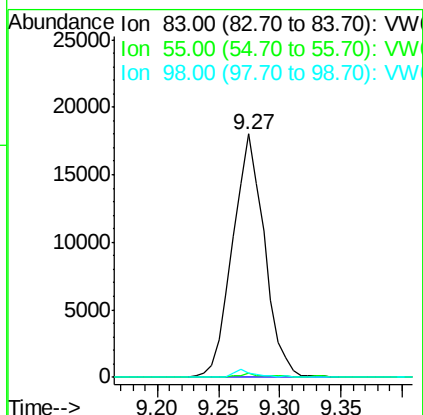
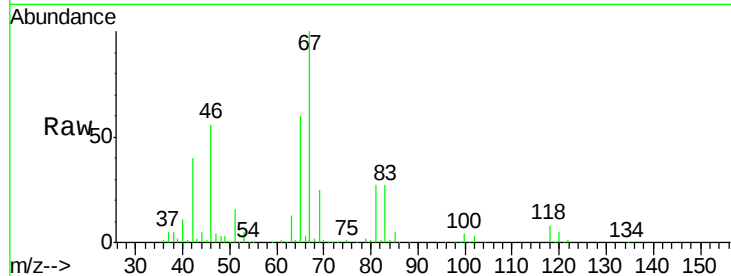




#36
Methylcyclohexane
Concen: 4.102 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017853.D
Acq: 13 Jan 2021 17:29

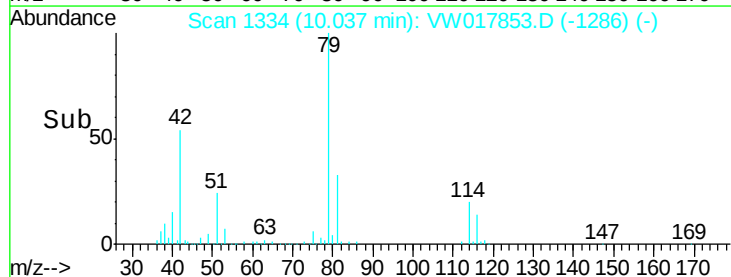
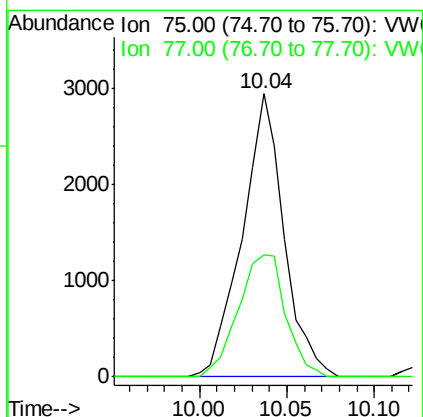
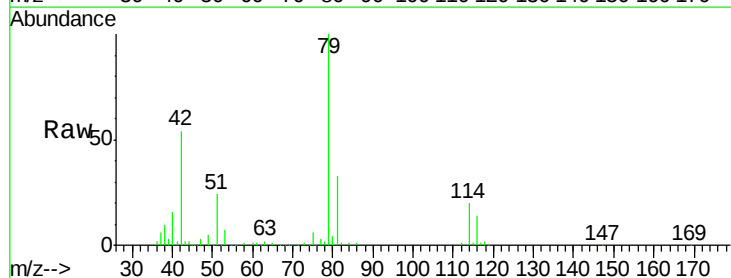
Instrument :
MSVOA_W
ClientSampleId :
F1A01

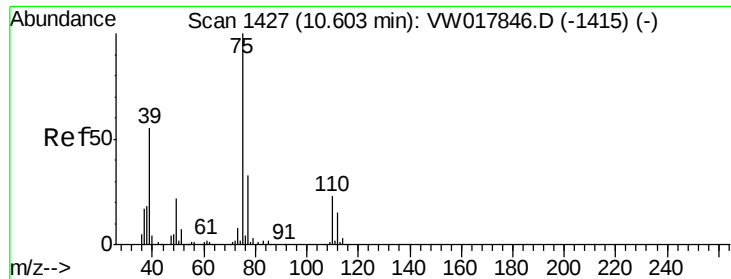
Tgt Ion: 83 Resp: 32574
Ion Ratio Lower Upper
83 100
55 1.2 57.6 86.4#
98 2.1 39.7 59.5#



#42
cis-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017853.D
Acq: 13 Jan 2021 17:29

Tgt Ion: 75 Resp: 4895
Ion Ratio Lower Upper
75 100
77 43.1 21.6 40.2#

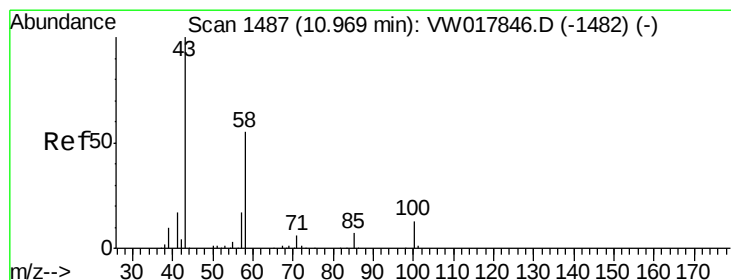
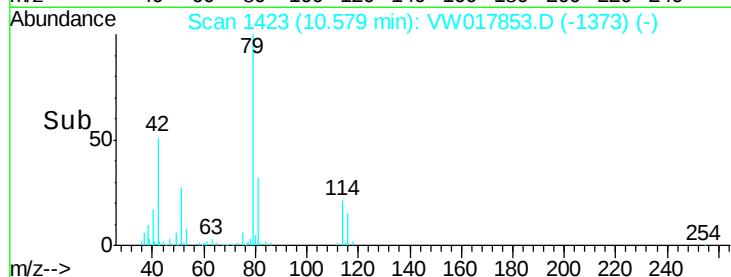
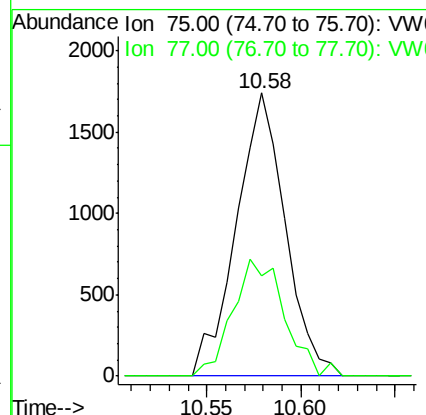
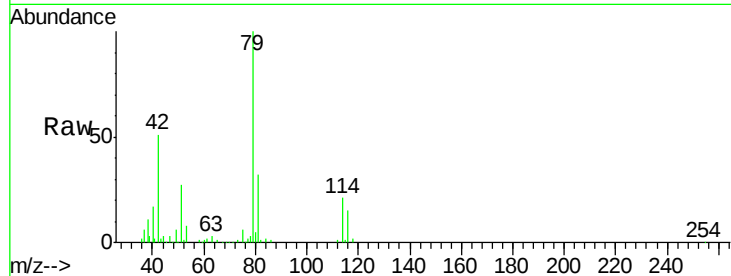




#45
trans-1,3-Dichloropropene
Concen: 0.598 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017853.D
Acq: 13 Jan 2021 17:29

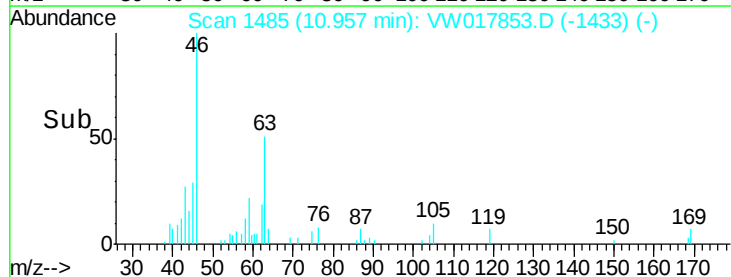
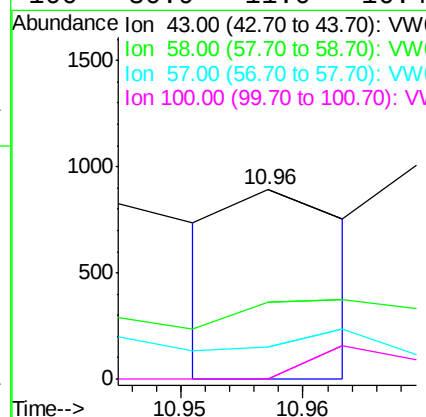
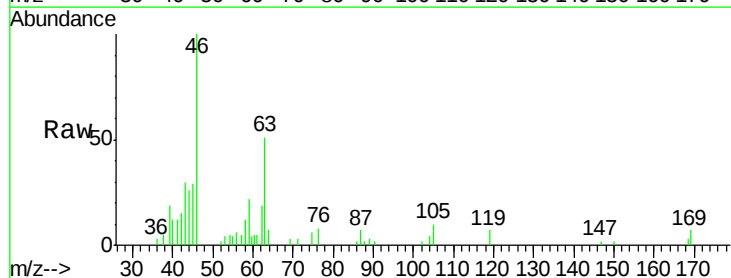
Instrument :
MSVOA_W
ClientSampleId :
F1A01

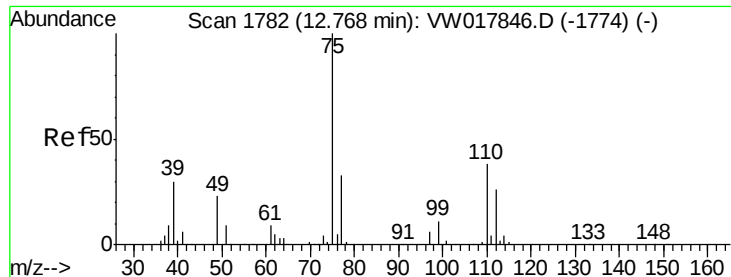
Tgt Ion: 75 Resp: 3147
Ion Ratio Lower Upper
75 100
77 35.6 21.6 40.0



#49
2-Hexanone
Concen: 0.450 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW017853.D
Acq: 13 Jan 2021 17:29

Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 21.8 44.2 66.4#
57 30.4 16.1 24.1#
100 30.9 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 6.773 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017853.D

Acq: 13 Jan 2021 17:29

Instrument :

MSVOA_W

ClientSampleId :

F1A01

Tgt Ion: 75 Resp: 16002

Ion Ratio Lower Upper

75 100

77 35.4 25.4 38.0

