

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017815.D
 Acq On : 11 Jan 2021 13:41
 Operator : SY/VA
 Sample : M1074-03
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	319560	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298828	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	150115	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105826	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.89	69	81284	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.68%
10) 1,1-Dichloroethene-d2	4.02	63	136691	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	7.08	46	36483	45.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.06%
24) Chloroform-d	7.65	84	167921	20.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	8.31	65	95413	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.27	84	334896	19.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.56%
33) 1,2-Dichloropropane-d6	9.27	67	96037	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.80%
37) Toluene-d8	10.32	98	308874	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.44%
38) trans-1,3-Dichloropropene-	10.58	79	40187	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.72%
39) 2-Hexanone-d5	10.93	63	26242	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70378	20.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	96250	18.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.64%#

Target Compounds

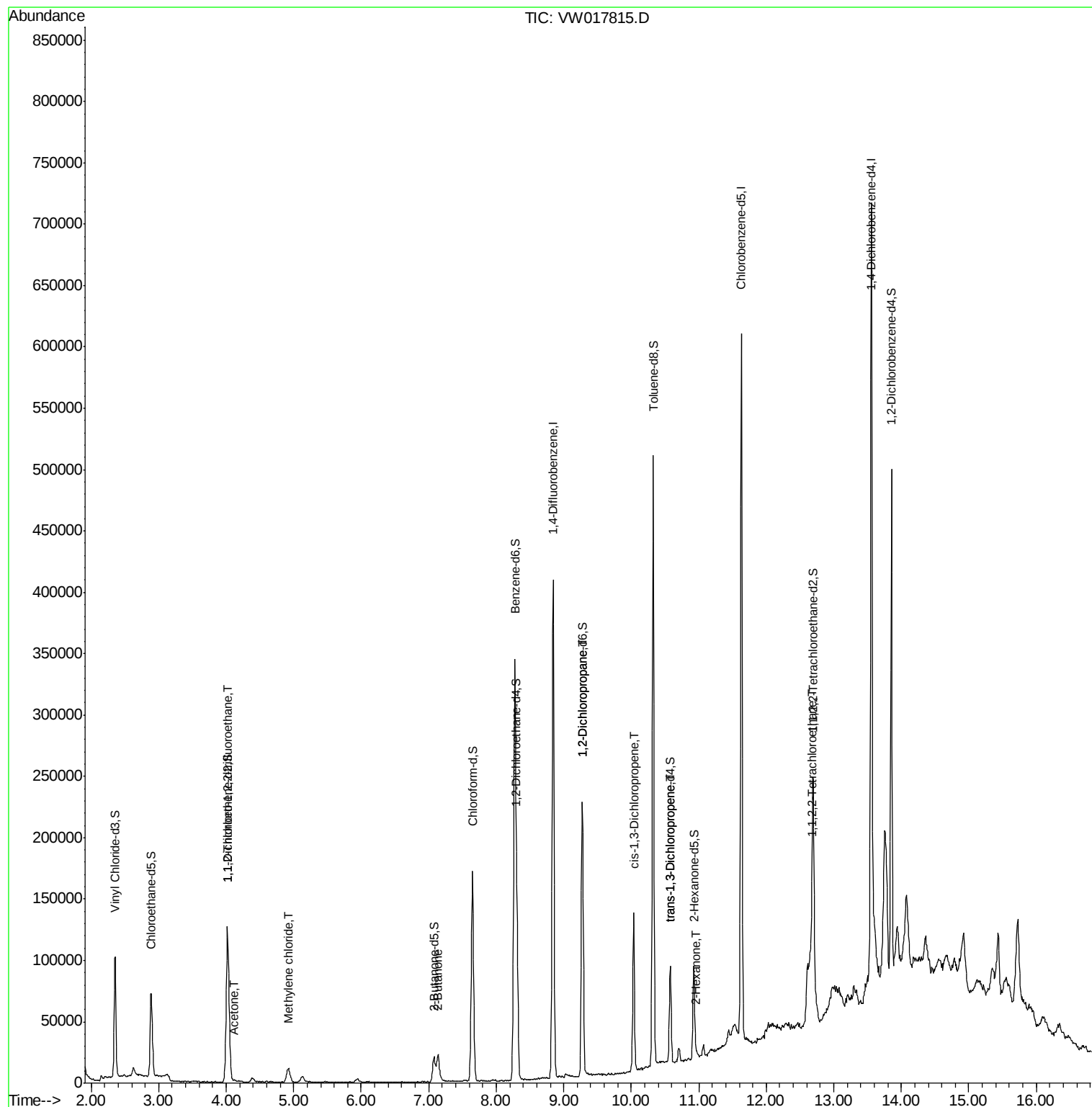
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1037	0.255 ug/L #	20
13) Acetone	4.12	43	1951	2.819 ug/L	74
16) Methylene chloride	4.92	84	9200	2.013 ug/L	94
21) 2-Butanone	7.14	43	774	0.832 ug/L	73
40) 1,2-Dichloropropane	9.28	63	12436	3.083 ug/L #	89
42) cis-1,3-Dichloropropene	10.04	75	3952	0.614 ug/L #	66
45) trans-1,3-Dichloropropene	10.58	75	2371	0.433 ug/L #	22
49) 2-Hexanone	10.96	43	1266	0.911 ug/L #	82
58) 1,1,2,2-Tetrachloroethane	12.67	83	13231	3.954 ug/L #	34

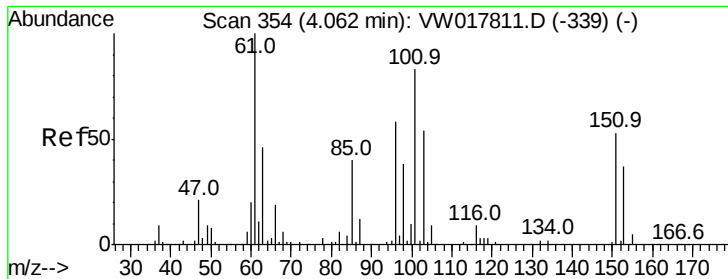
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011121\
Data File : VW017815.D
Acq On : 11 Jan 2021 13:41
Operator : SY/VA
Sample : M1074-03
Misc : 6.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 12 05:26:10 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.255 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017815.D

Acq: 11 Jan 2021 13:41

Instrument :

MSVOA_W

ClientSampled :

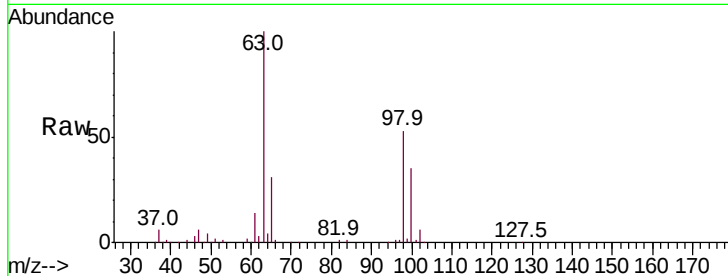
Tot Ion:101 Resp: 1037

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

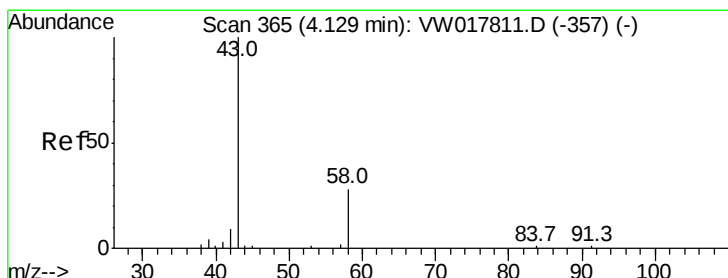
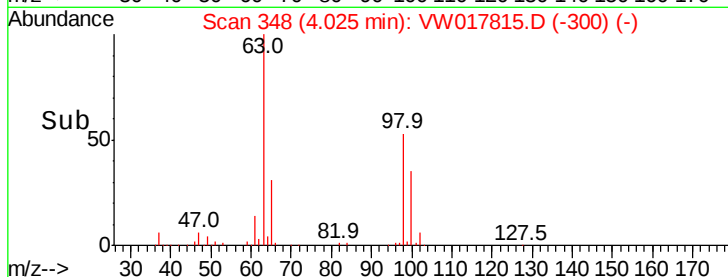
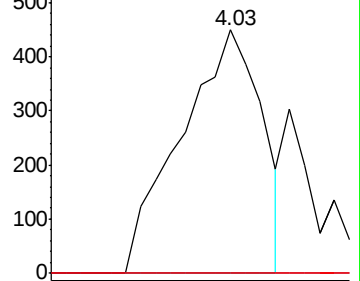
151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.819 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017815.D

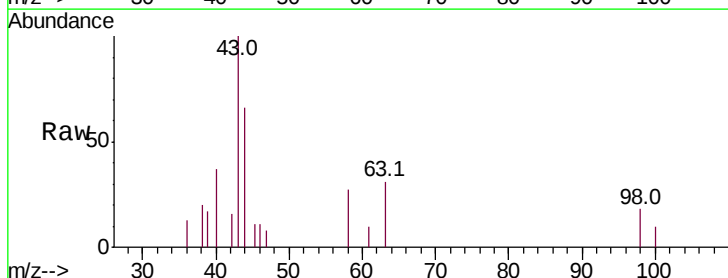
Acq: 11 Jan 2021 13:41

Tgt Ion: 43 Resp: 1951

Ion Ratio Lower Upper

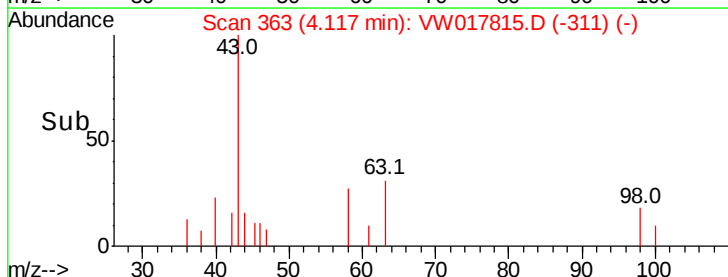
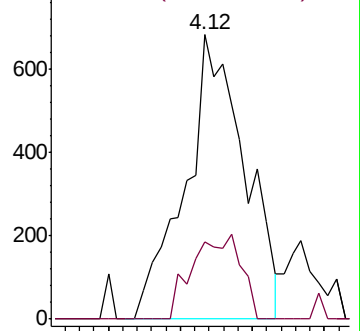
43 100

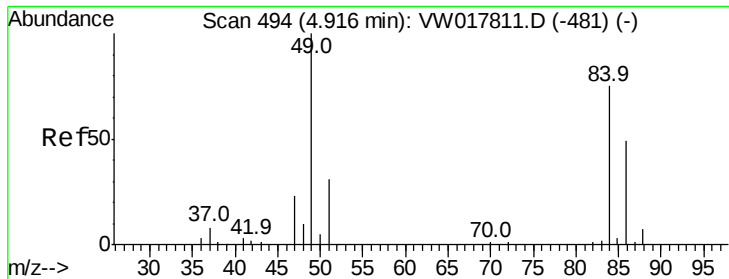
58 16.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

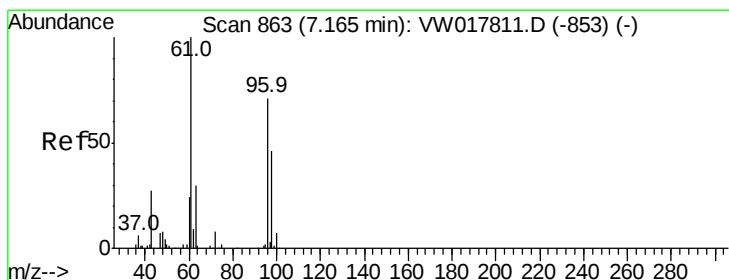
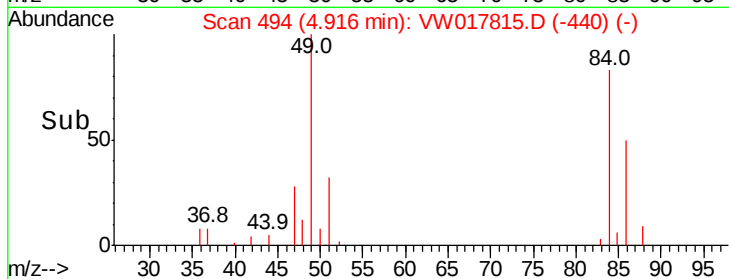
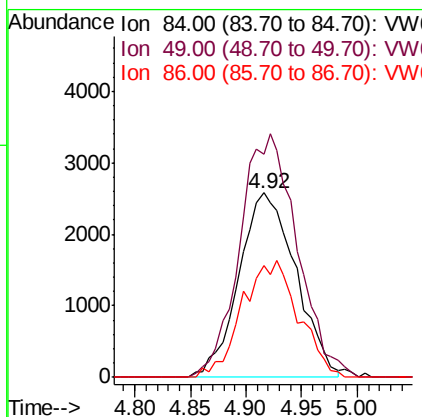
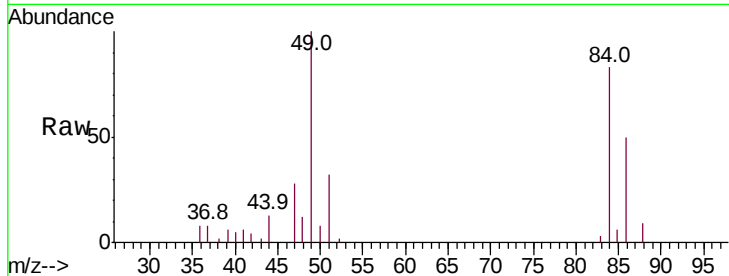




#16
Methvlene chloride
Concen: 2.013 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017815.D
Acq: 11 Jan 2021 13:41

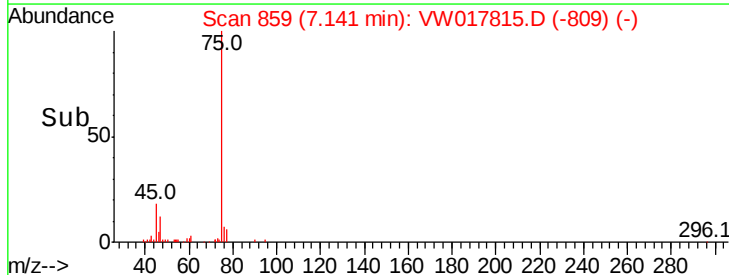
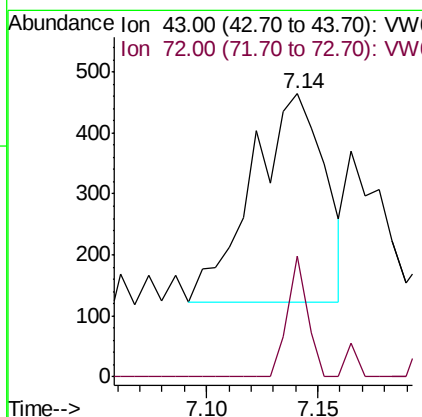
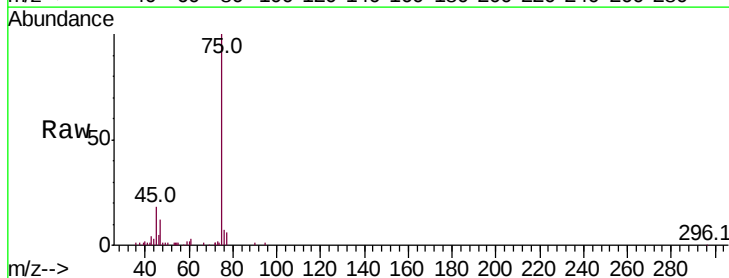
Instrument :
MSVOA_W
ClientSampleId :

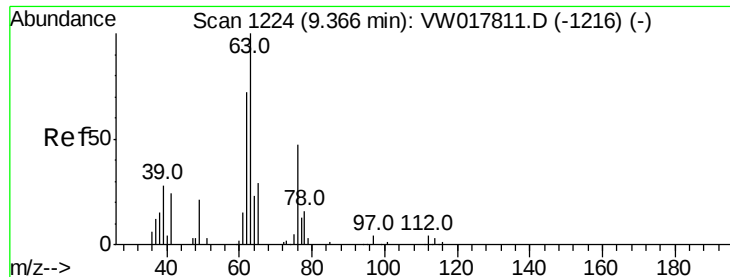
Tot Ion: 84 Resp: 9200
Ion Ratio Lower Upper
84 100
49 121.1 90.5 168.1
86 60.3 44.8 83.2



#21
2-Butanone
Concen: 0.832 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW017815.D
Acq: 11 Jan 2021 13:41

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
72 15.9 15.4 46.2





#40

1,2-Dichloropropane

Concen: 3.083 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017815.D

Acq: 11 Jan 2021 13:41

Instrument :

MSVOA_W

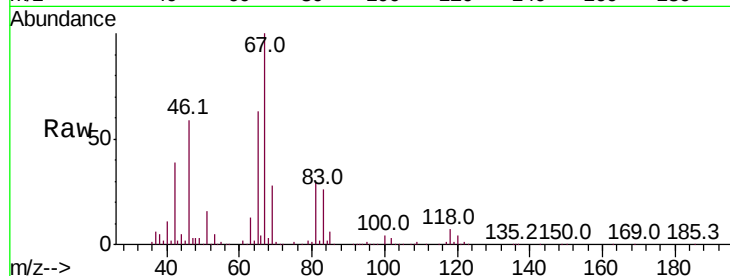
ClientSampleId :

Tot Ion: 63 Resp: 12436

Ion Ratio Lower Upper

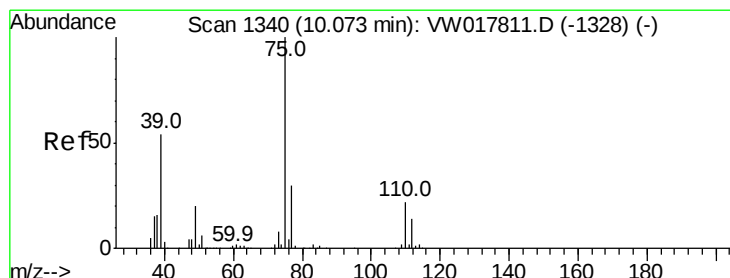
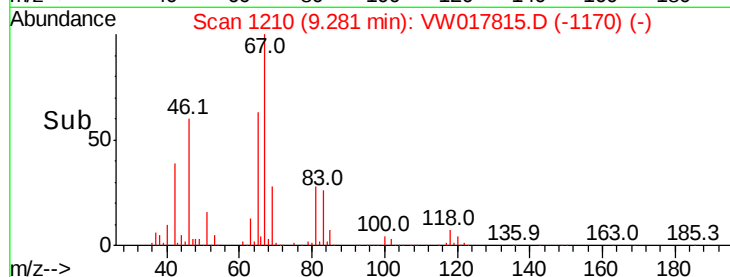
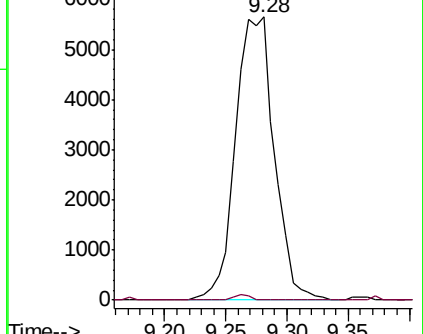
63 100

112 0.7 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.614 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017815.D

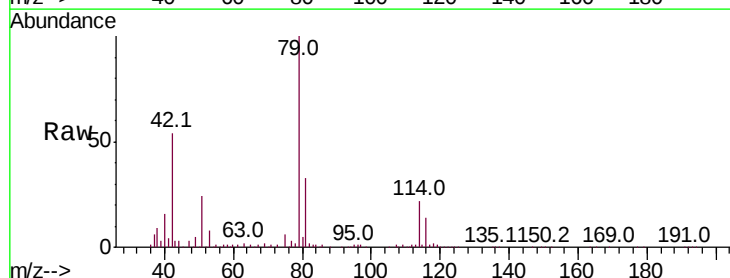
Acq: 11 Jan 2021 13:41

Tgt Ion: 75 Resp: 3952

Ion Ratio Lower Upper

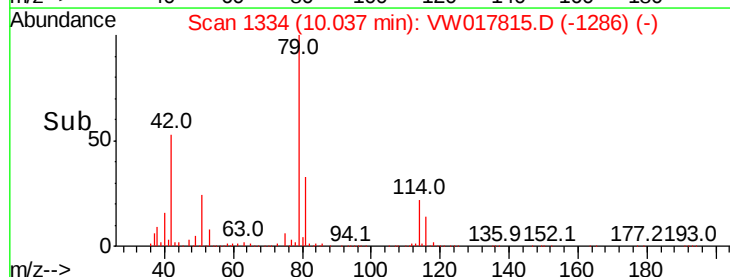
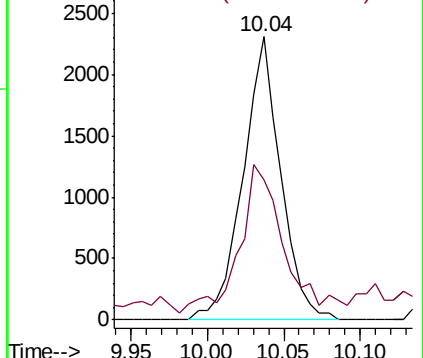
75 100

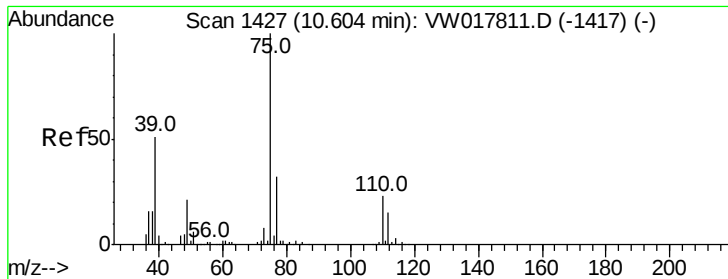
77 49.5 21.6 40.2#



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: 0.433 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017815.D

Acq: 11 Jan 2021 13:41

Instrument :

MSVOA_W

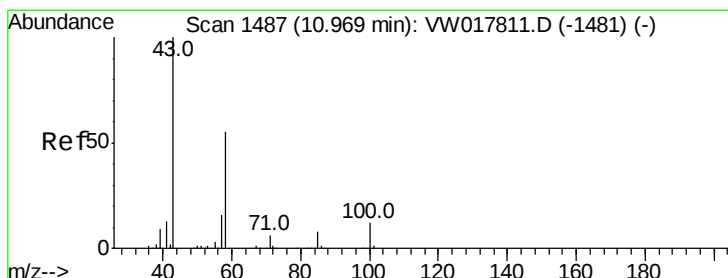
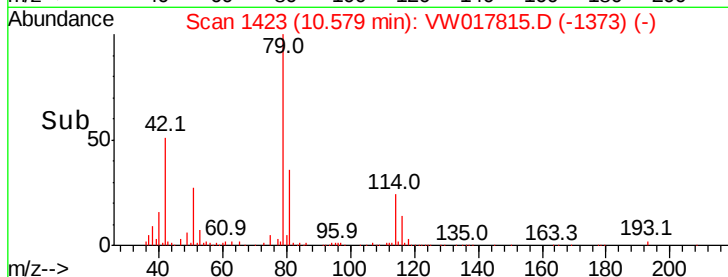
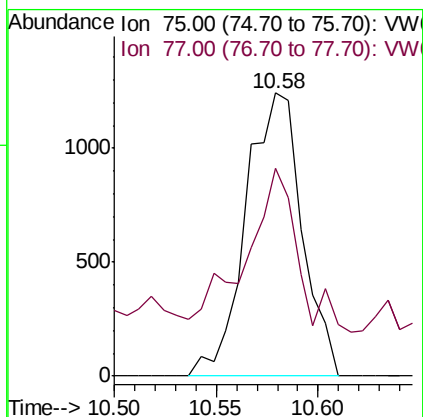
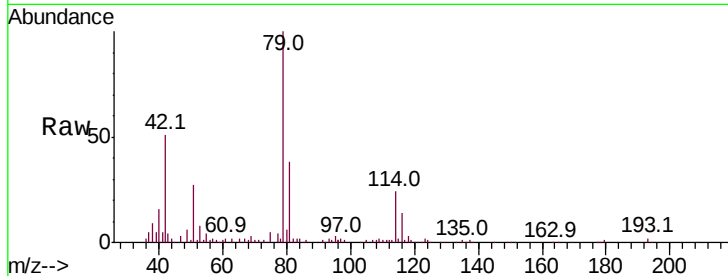
ClientSampleId :

Tot Ion: 75 Resp: 2371

Ion Ratio Lower Upper

75 100

77 73.3 21.6 40.0#



#49

2-Hexanone

Concen: 0.911 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017815.D

Acq: 11 Jan 2021 13:41

Tgt Ion: 43 Resp: 1266

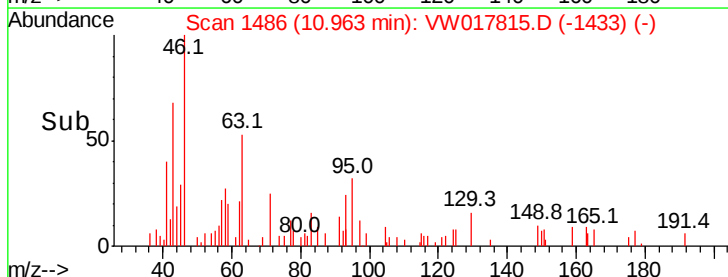
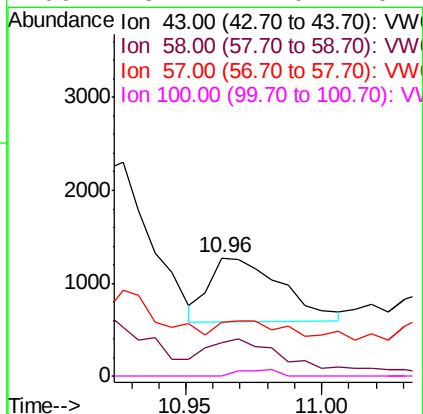
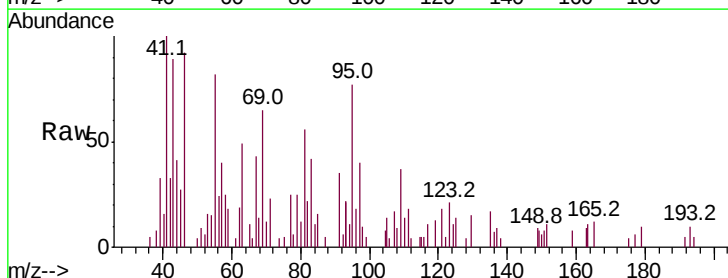
Ion Ratio Lower Upper

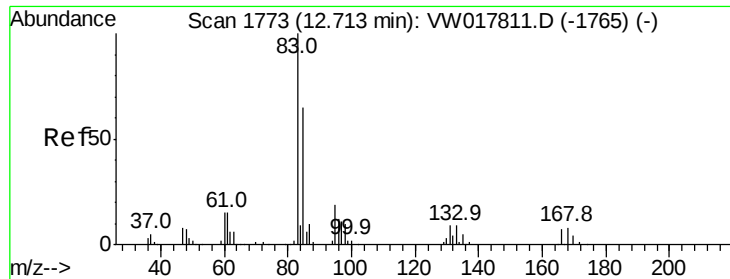
43 100

58 45.7 44.2 66.4

57 32.8 16.1 24.1#

100 5.1 11.0 16.4#





#58

1,1,2,2-Tetrachloroethane

Concen: 3.954 ug/L

RT: 12.67 min Scan# 1766

Delta R.T. -0.04 min

Lab File: VW017815.D

Acq: 11 Jan 2021 13:41

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 13231

Ion Ratio Lower Upper

83 100

85 6.8 45.6 84.8#

131 4.2 7.8 11.8#

