

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017819.D
 Acq On : 11 Jan 2021 15:15
 Operator : SY/VA
 Sample : M1074-07
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:35 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	328316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282715	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133550	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.16%
7) Chloroethane-d5	2.89	69	106540	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
10) 1,1-Dichloroethene-d2	4.02	63	180433	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.56%
20) 2-Butanone-d5	7.08	46	38492	46.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.50%
24) Chloroform-d	7.65	84	217316	25.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	8.31	65	116070	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%
29) Benzene-d6	8.27	84	439028	27.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.28%
33) 1,2-Dichloropropane-d6	9.27	67	119688	27.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.04%
37) Toluene-d8	10.32	98	404618	26.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.80%
38) trans-1,3-Dichloropropene-	10.58	79	48334	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.80%
39) 2-Hexanone-d5	10.93	63	27539	49.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76233	23.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	112134	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds

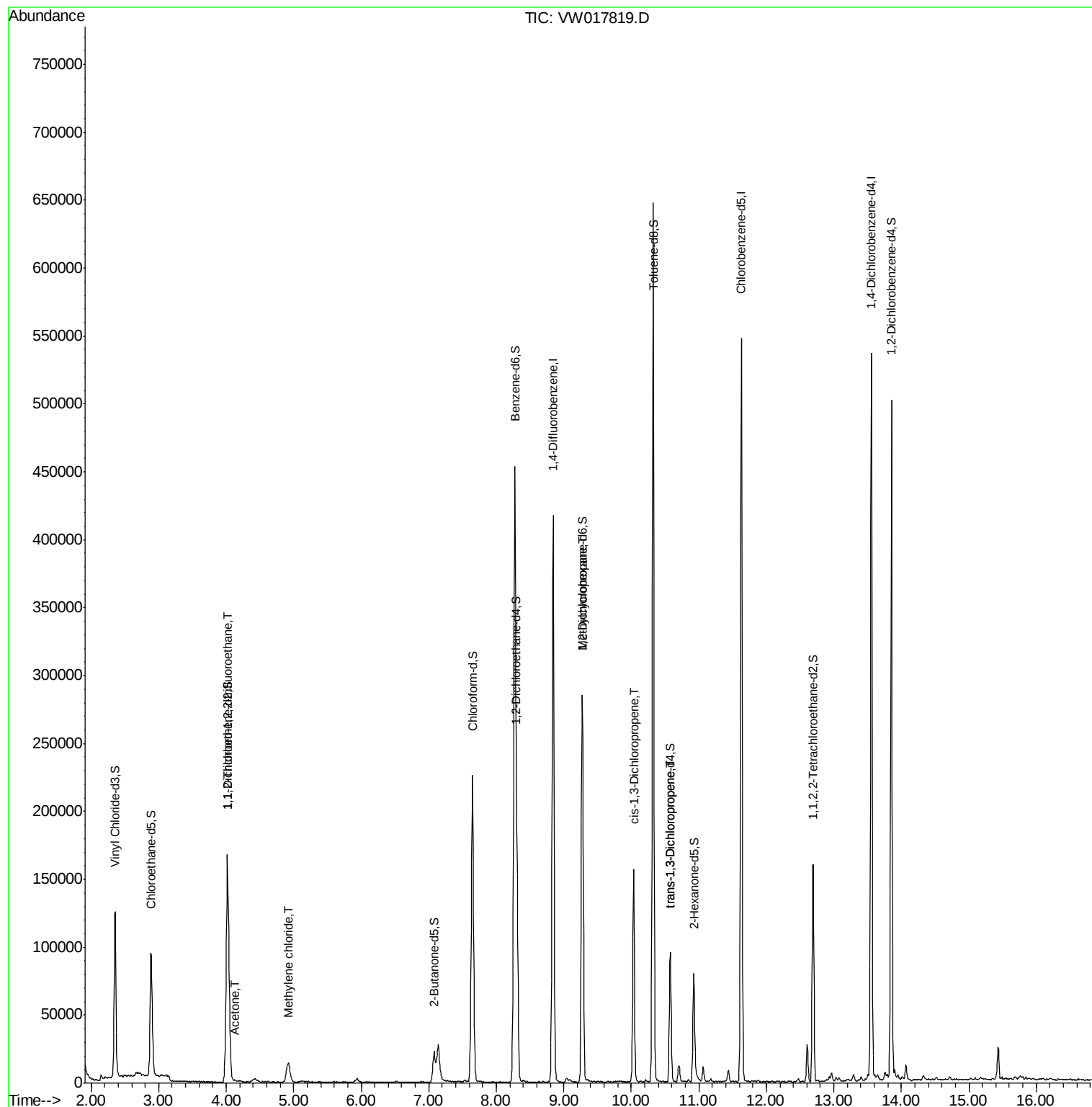
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1849	0.443 ug/L #	20
13) Acetone	4.14	43	1228	1.727 ug/L	89
16) Methylene chloride	4.92	84	11809	2.515 ug/L	93
36) Methylcyclohexane	9.27	83	29583	3.782 ug/L #	21
42) cis-1,3-Dichloropropene	10.03	75	4811	0.790 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	2793	0.539 ug/L	87

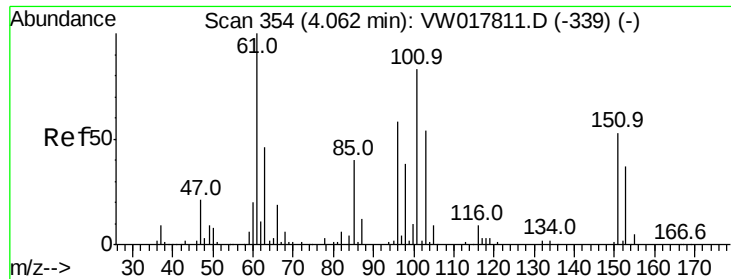
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

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

Concen: 0.443 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017819.D

Acq: 11 Jan 2021 15:15

Instrument :

MSVOA_W

ClientSampled :

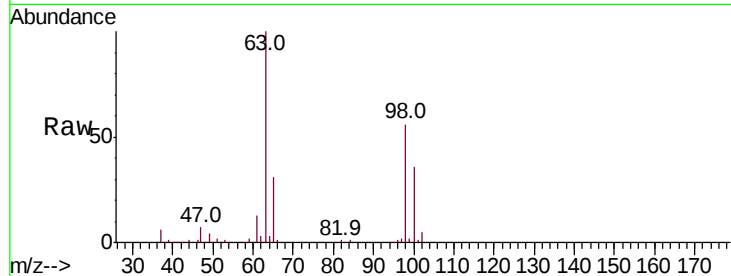
Tot Ion:101 Resp: 1849

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

4.03

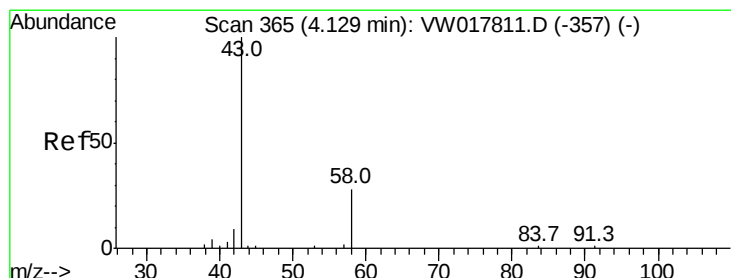
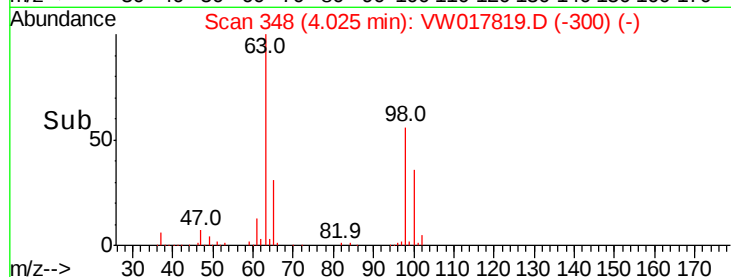
600

400

200

0

Time-->



#13

Acetone

Concen: 1.727 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017819.D

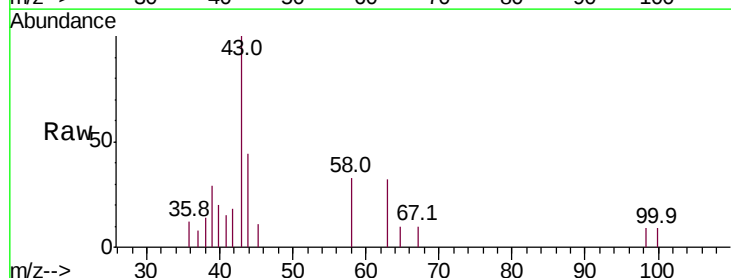
Acq: 11 Jan 2021 15:15

Tgt Ion: 43 Resp: 1228

Ion Ratio Lower Upper

43 100

58 36.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

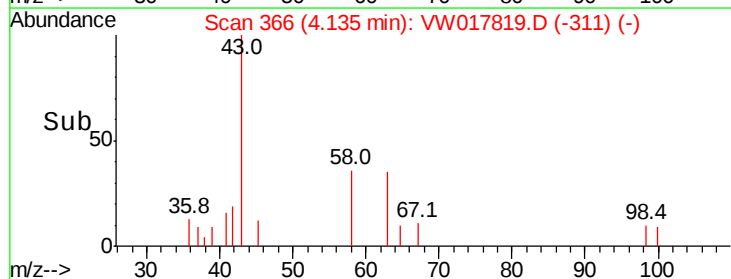
600

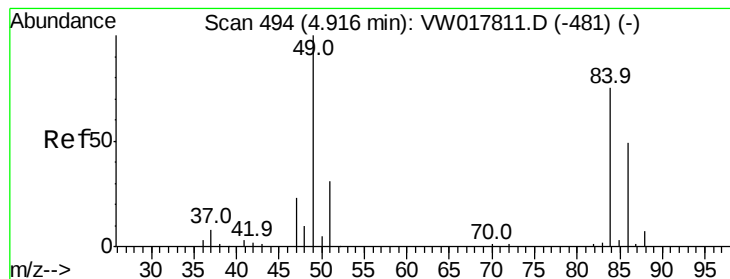
400

200

0

Time-->





#16

Methvlene chloride

Concen: 2.515 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017819.D

Acq: 11 Jan 2021 15:15

Instrument :

MSVOA_W

ClientSampleId :

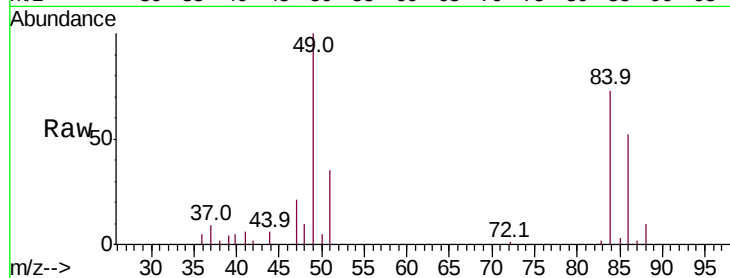
Tot Ion: 84 Resp: 11809

Ion Ratio Lower Upper

84 100

49 136.8 90.5 168.1

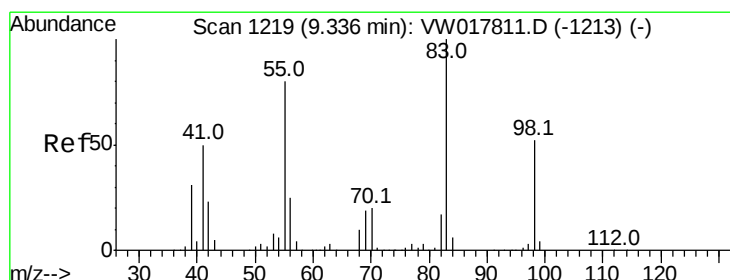
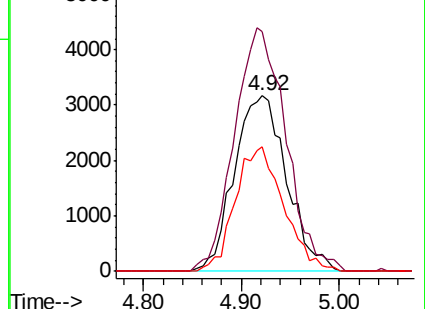
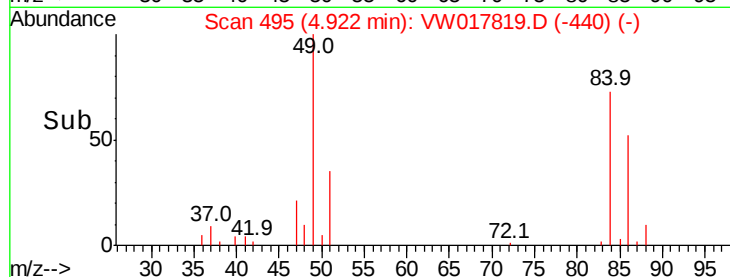
86 70.9 44.8 83.2



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: 3.782 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017819.D

Acq: 11 Jan 2021 15:15

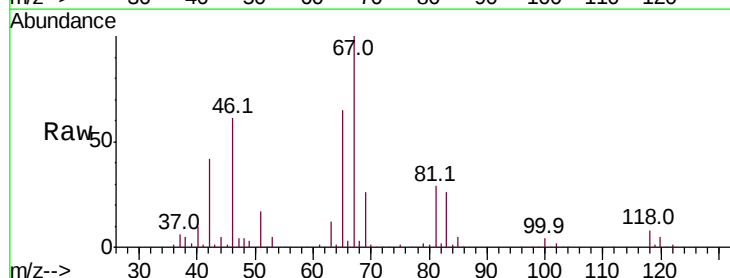
Tgt Ion: 83 Resp: 29583

Ion Ratio Lower Upper

83 100

55 1.2 57.6 86.4#

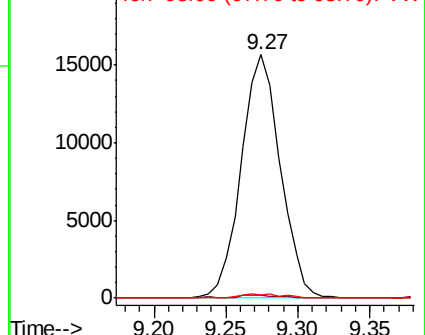
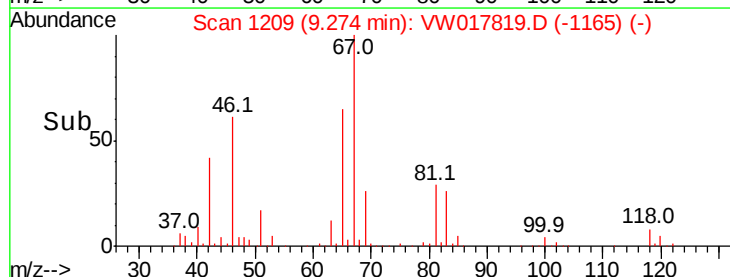
98 1.1 39.7 59.5#

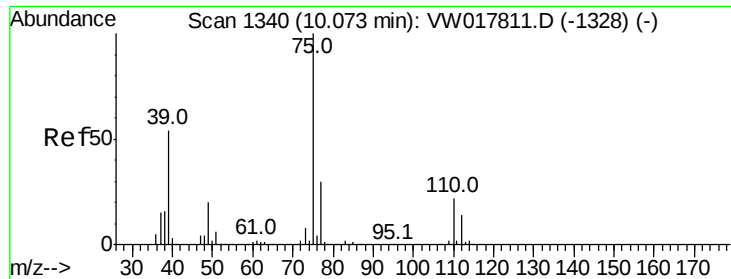


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.790 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017819.D

Acq: 11 Jan 2021 15:15

Instrument :

MSVOA_W

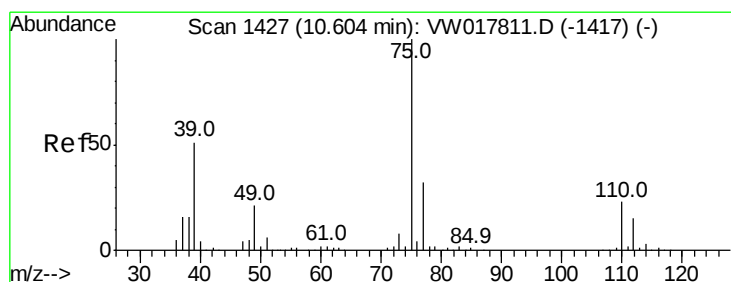
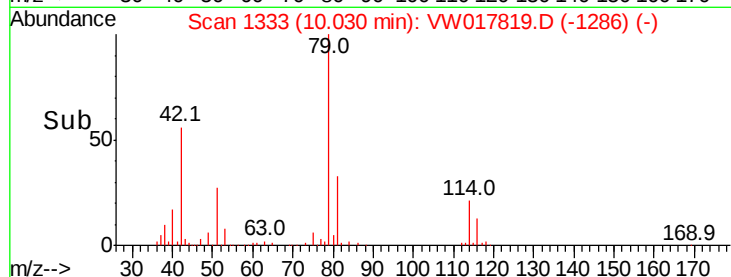
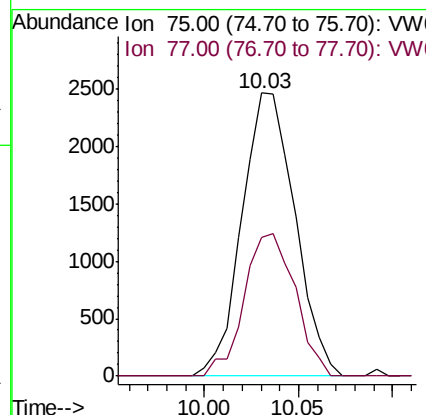
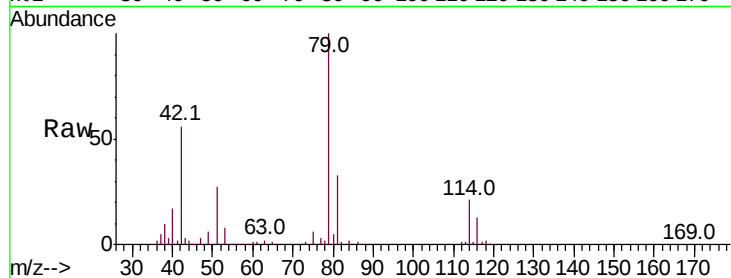
ClientSampled :

Tot Ion: 75 Resp: 4811

Ion Ratio Lower Upper

75 100

77 49.2 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017819.D

Acq: 11 Jan 2021 15:15

Tgt Ion: 75 Resp: 2793

Ion Ratio Lower Upper

75 100

77 38.0 21.6 40.0

