

Data File : VW017396.D
Acq On : 20 Nov 2020 01:54
Operator : SY/VA
Sample : L4794-16
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BD8

Quant Time: Nov 20 04:40:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	315143	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130932	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87689	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
7) Chloroethane-d5	2.89	69	79523	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
10) 1,1-Dichloroethene-d2	4.02	63	117081	14.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.40%
20) 2-Butanone-d5	7.07	46	41515	54.18	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.36%
24) Chloroform-d	7.65	84	198075	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	8.31	65	105852	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.84%
29) Benzene-d6	8.28	84	380696	22.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.24%
33) 1,2-Dichloropropane-d6	9.27	67	113292	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	10.33	98	370576	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	10.58	79	46057	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.04%
39) 2-Hexanone-d5	10.93	63	30327	49.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93745	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	125563	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

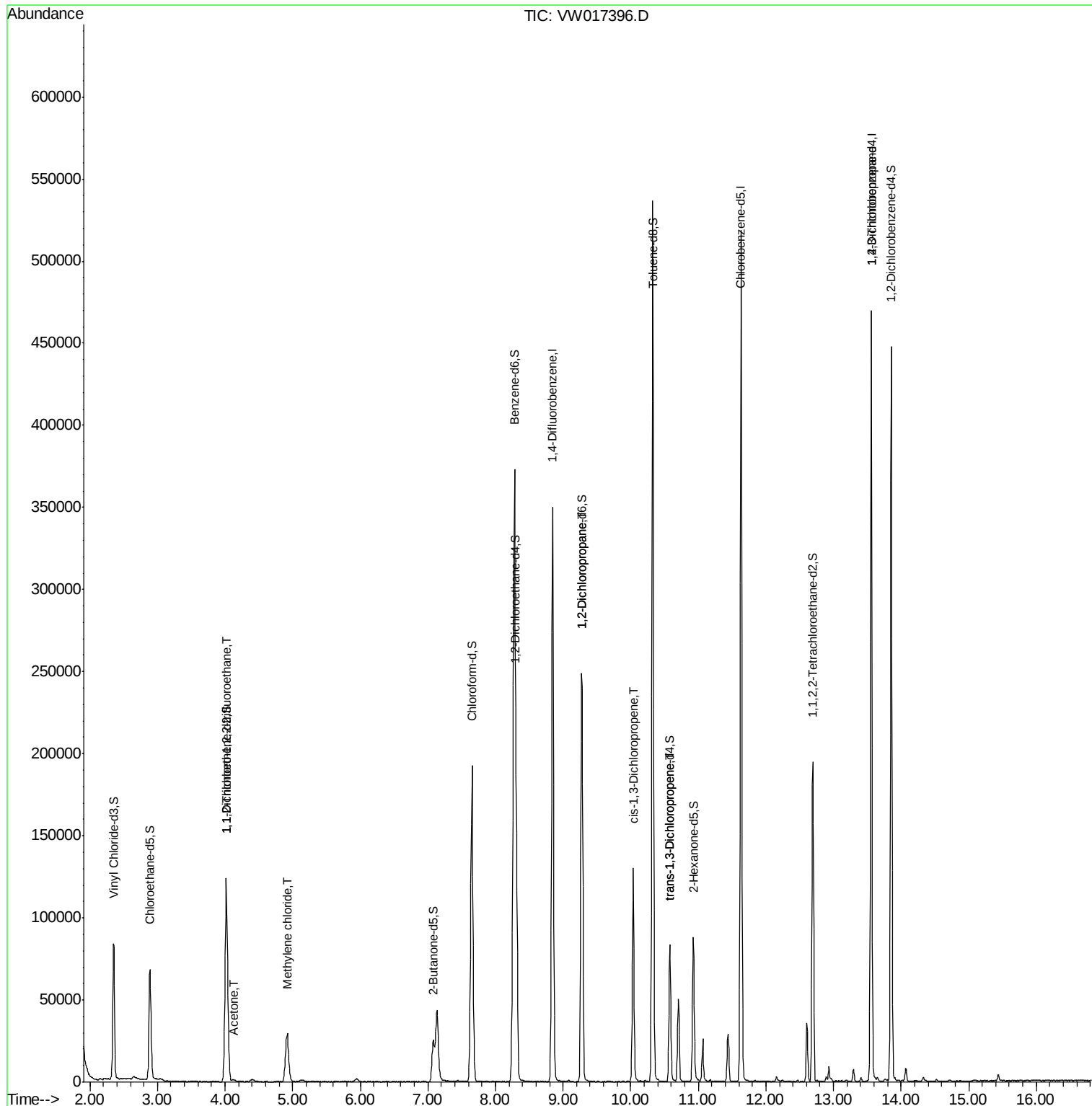
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1331	0.308	ug/L #	16
13) Acetone	4.14	43	1999	3.576	ug/L	73
16) Methylene chloride	4.92	84	25152	4.666	ug/L	94
40) 1,2-Dichloropropane	9.27	63	13539	3.500	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3547	0.591	ug/L #	81
45) trans-1,3-Dichloropropene	10.58	75	2320	0.456	ug/L	96
59) 1,2,3-Trichloropropane	13.55	75	13852	5.810	ug/L	98

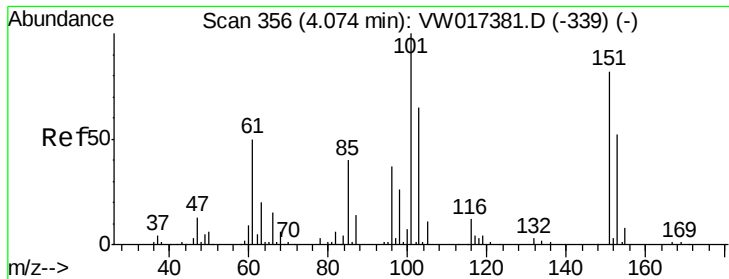
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.308 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017396.D

Acq: 20 Nov 2020 01:54

Instrument :

MSVOA_W

ClientSampled :

C0BD8

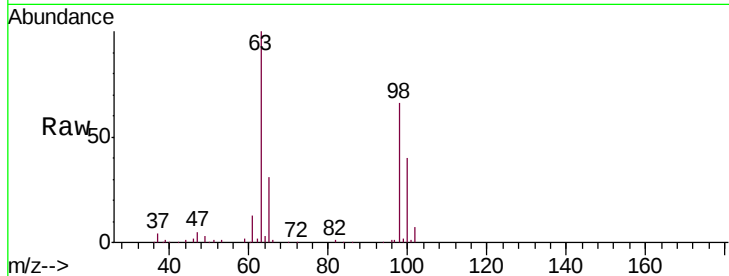
Tgt Ion: 101 Resp: 1331

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

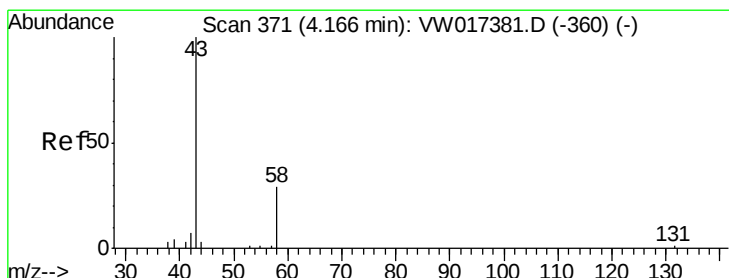
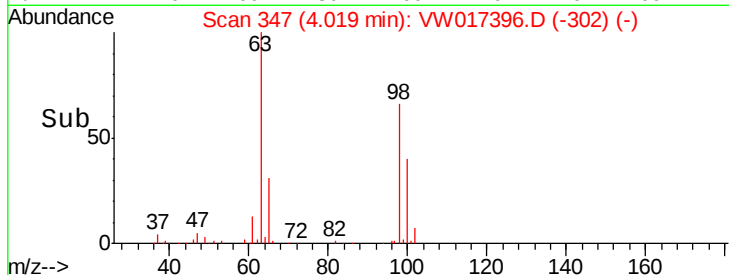
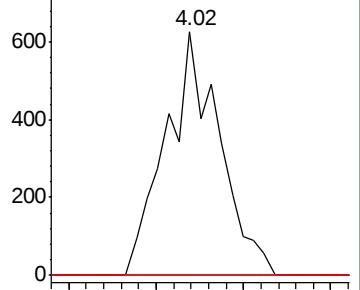
151 0.0 66.3 99.5#



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: 3.576 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.03 min

Lab File: VW017396.D

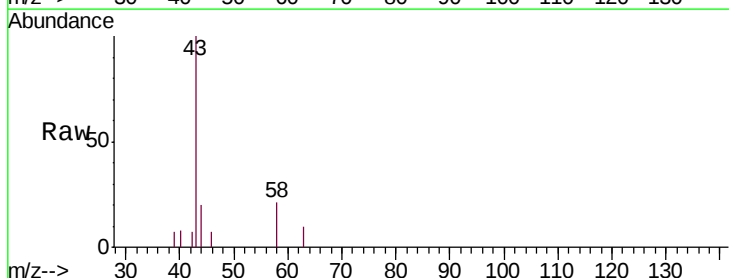
Acq: 20 Nov 2020 01:54

Tgt Ion: 43 Resp: 1999

Ion Ratio Lower Upper

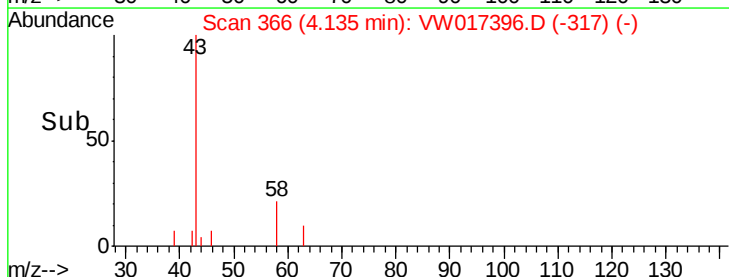
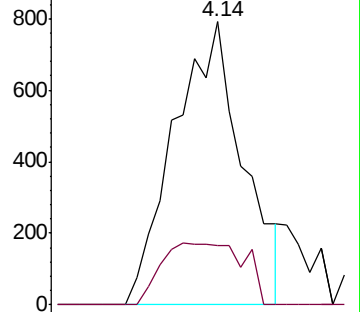
43 100

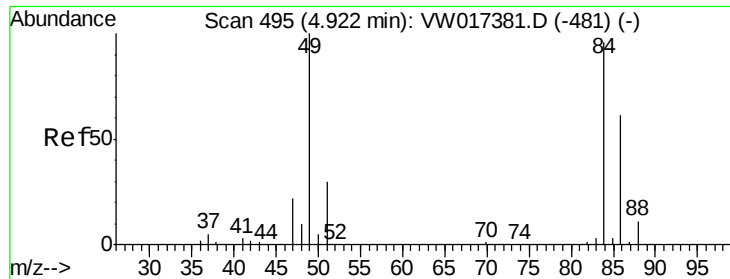
58 18.3 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

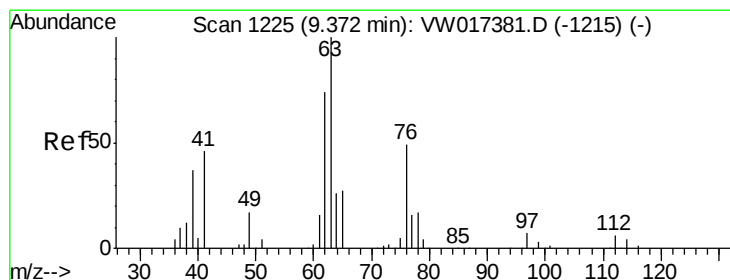
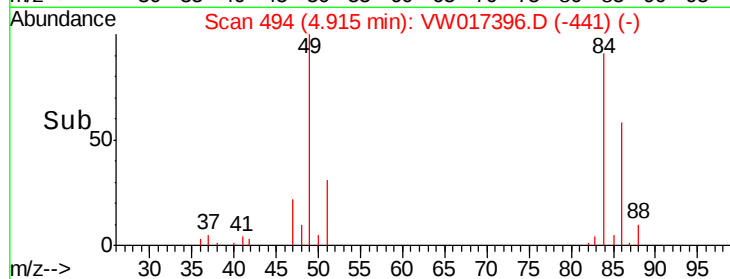
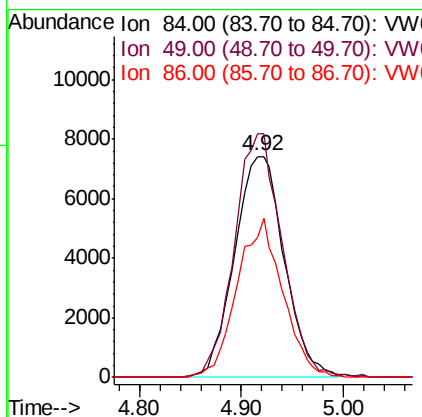
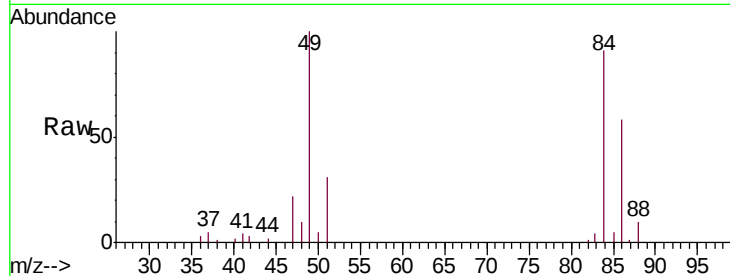




#16
Methylene chloride
Concen: 4.666 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017396.D
Acq: 20 Nov 2020 01:54

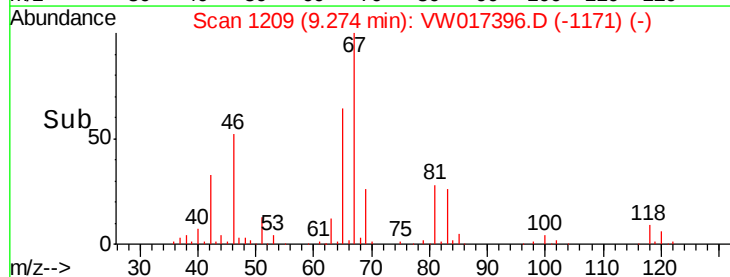
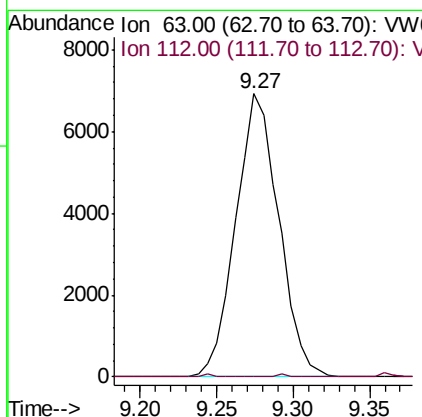
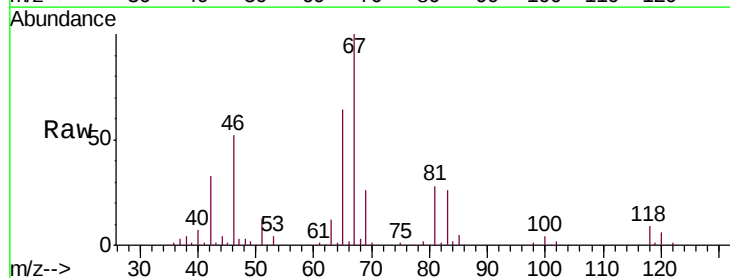
Instrument :
MSVOA_W
ClientSampled :
C0BD8

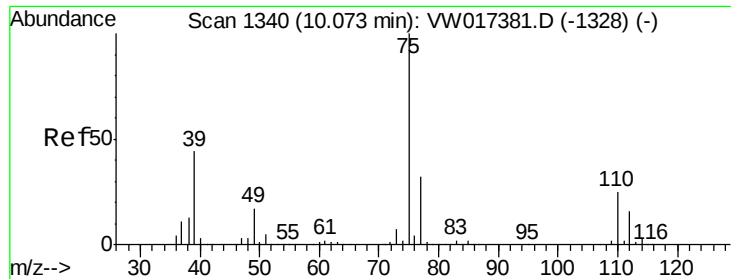
Tgt Ion: 84 Resp: 25152
Ion Ratio Lower Upper
84 100
49 110.2 71.5 132.9
86 63.5 42.8 79.4



#40
1,2-Dichloropropane
Concen: 3.500 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017396.D
Acq: 20 Nov 2020 01:54

Tgt Ion: 63 Resp: 13539
Ion Ratio Lower Upper
63 100
112 0.4 4.2 6.4#

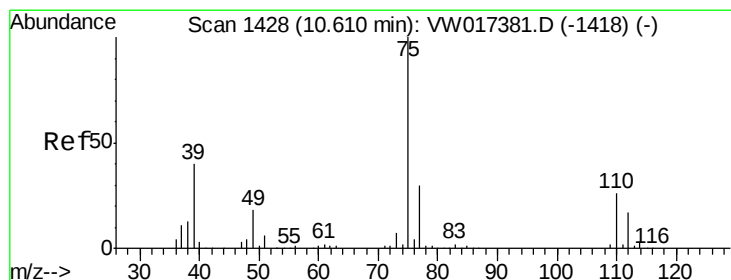
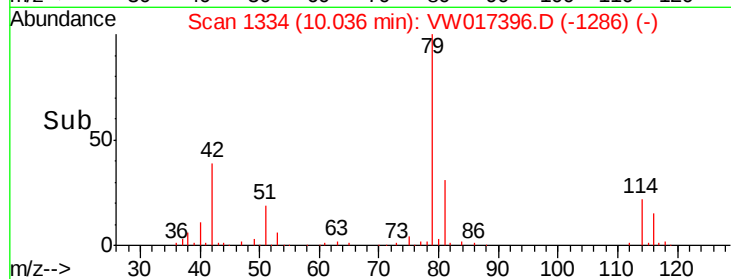
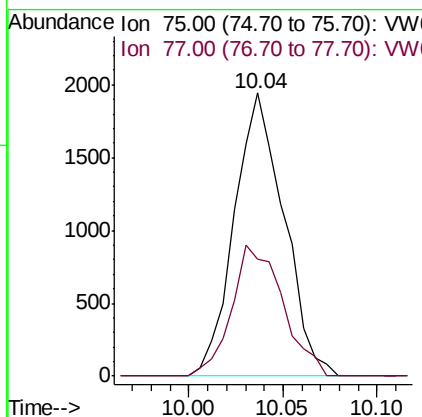
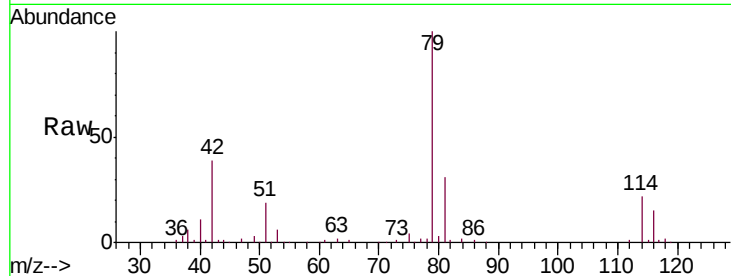




#42
 cis-1,3-Dichloropropene
 Concen: 0.591 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017396.D
 Acq: 20 Nov 2020 01:54

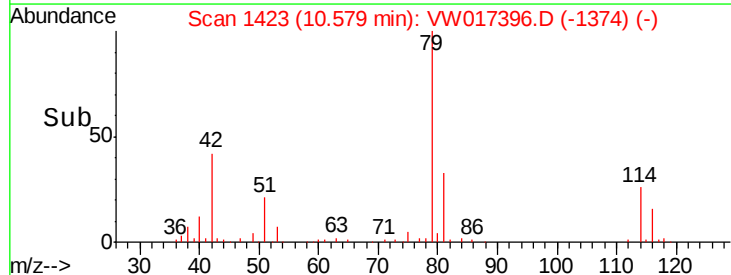
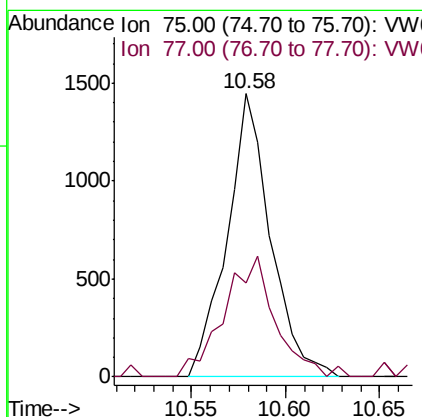
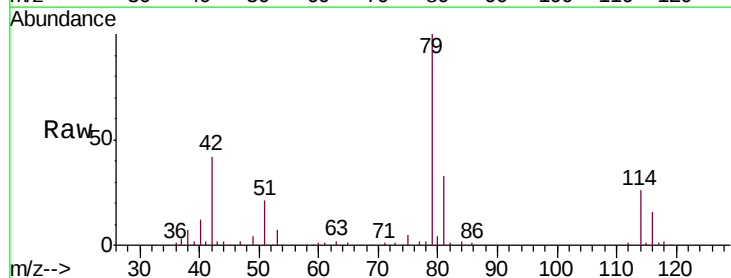
Instrument :
 MSVOA_W
 ClientSampled :
 C0BD8

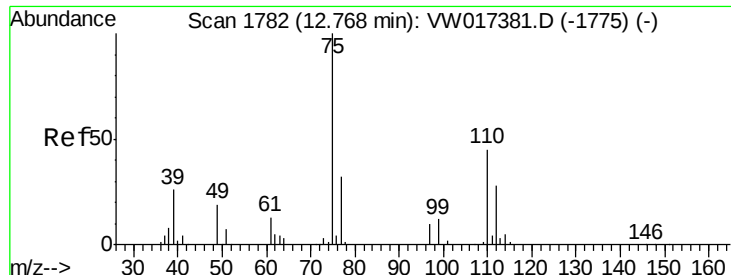
Tgt Ion: 75 Resp: 3547
 Ion Ratio Lower Upper
 75 100
 77 41.5 21.8 40.4#



#45
 trans-1,3-Dichloropropene
 Concen: 0.456 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW017396.D
 Acq: 20 Nov 2020 01:54

Tgt Ion: 75 Resp: 2320
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 5.810 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017396.D

Acq: 20 Nov 2020 01:54

Instrument :

MSVOA_W

ClientSampleId :

C0BD8

Tgt Ion: 75 Resp: 13852

Ion Ratio Lower Upper

75 100

77 34.4 26.6 40.0

