

Data File : VW017363.D
Acq On : 19 Nov 2020 11:51
Operator : SY/VA
Sample : L4749-16RE
Misc : 4.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B15

Quant Time: Nov 20 01:19:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	382756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115692	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139886	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
7) Chloroethane-d5	2.89	69	110226	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.03	63	172572	17.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.64%
20) 2-Butanone-d5	7.09	46	29489	31.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.38%
24) Chloroform-d	7.65	84	228835	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	109052	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.80%
29) Benzene-d6	8.28	84	451131	24.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.60%
33) 1,2-Dichloropropane-d6	9.27	67	123164	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.04%
37) Toluene-d8	10.33	98	404506	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	42481	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	22804	35.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76618	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	99377	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

Target Compounds

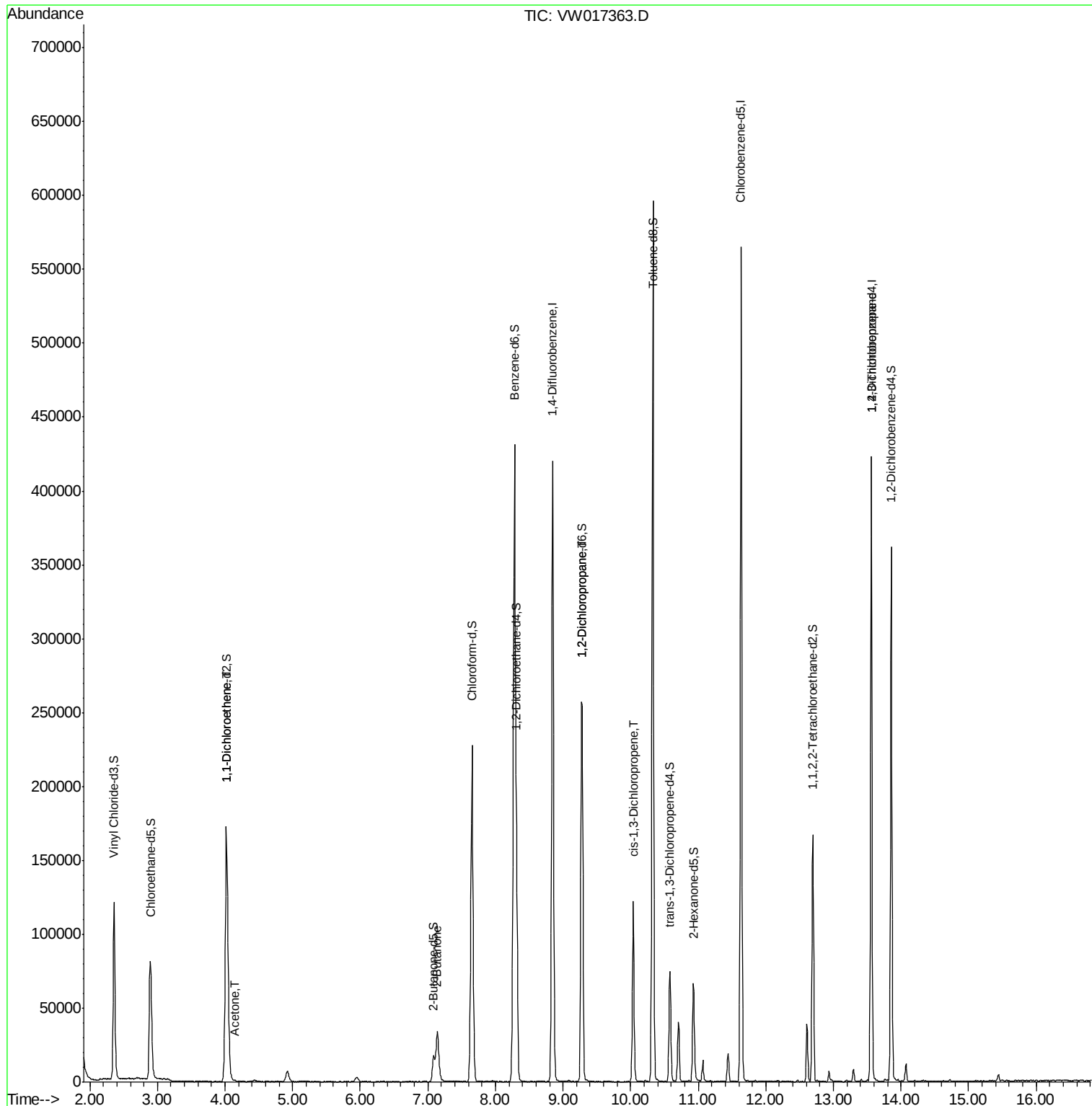
					Qvalue	
12) 1,1-Dichloroethene	4.01	96	1400	0.278	ug/L #	1
13) Acetone	4.15	43	233	0.343	ug/L	49
21) 2-Butanone	7.14	43	3368	3.236	ug/L #	46
40) 1,2-Dichloropropane	9.27	63	13899	3.384	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3236	0.508	ug/L #	48
59) 1,2,3-Trichloropropane	13.56	75	12276	4.850	ug/L	99

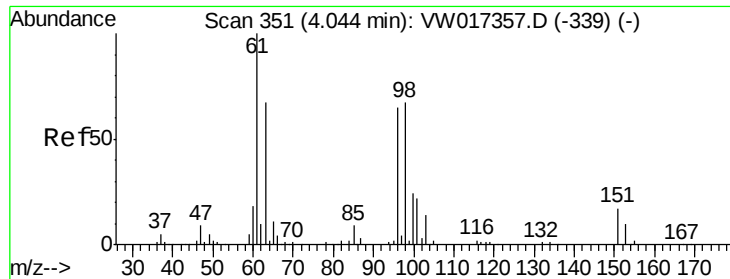
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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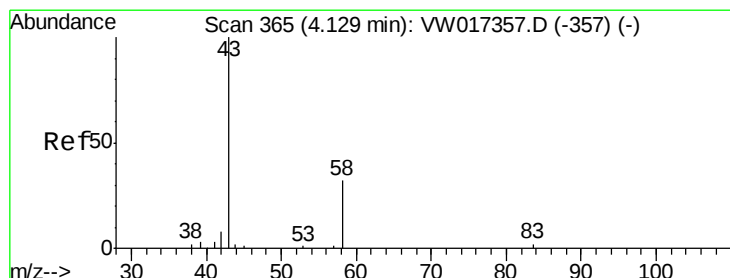
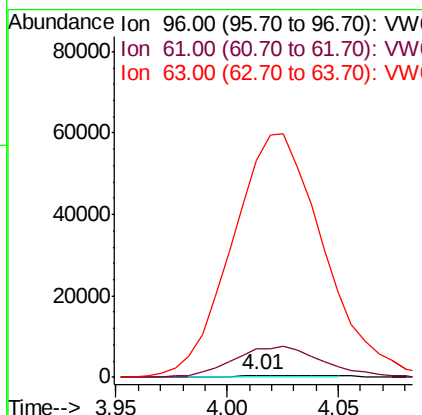
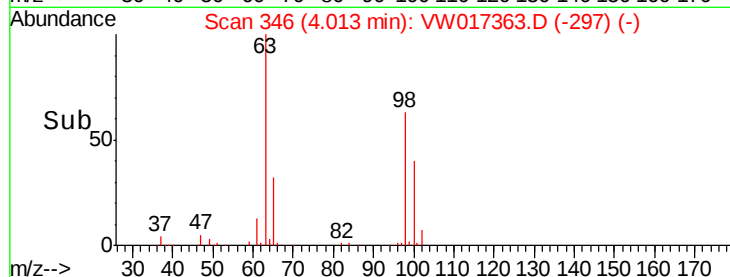
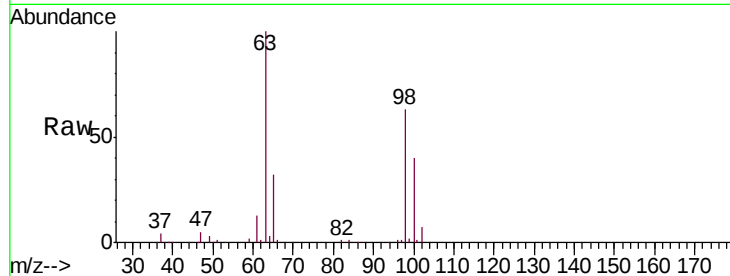




#12
 1,1-Dichloroethene
 Concen: 0.278 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.03 min
 Lab File: VW017363.D
 Acq: 19 Nov 2020 11:51

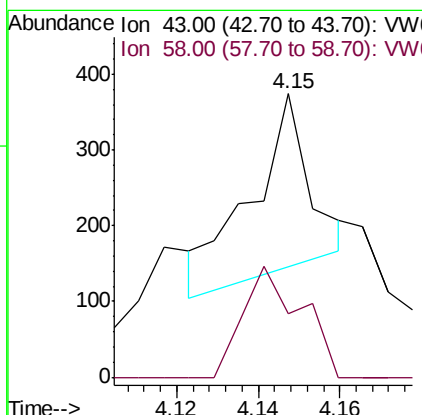
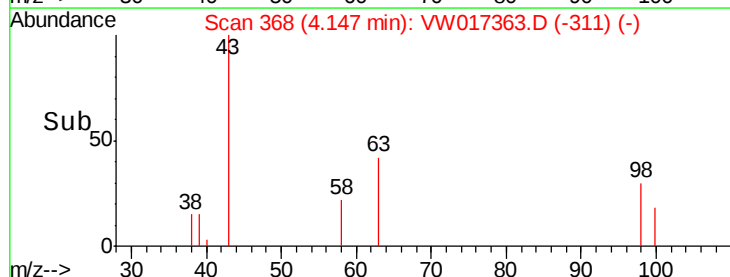
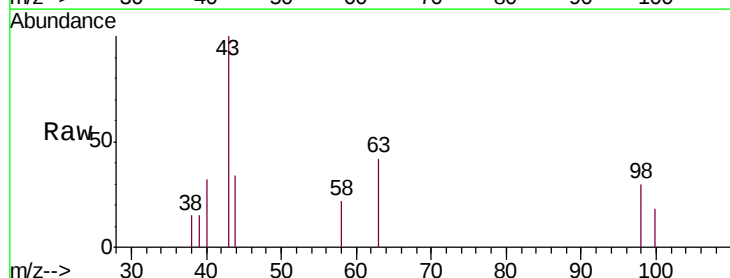
Instrument :
 MSVOA_W
 ClientSampled :
 C0B15

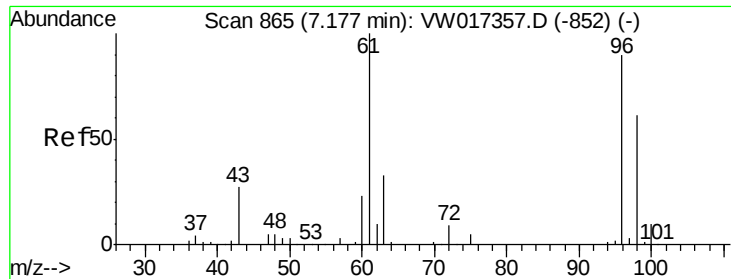
Tgt Ion: 96 Resp: 1400
 Ion Ratio Lower Upper
 96 100
 61 1359.0 104.7 194.4#
 63 10423.4 69.6 129.2#



#13
 Acetone
 Concen: 0.343 ug/L
 RT: 4.15 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VW017363.D
 Acq: 19 Nov 2020 11:51

Tgt Ion: 43 Resp: 233
 Ion Ratio Lower Upper
 43 100
 58 62.7 0.0 67.0





#21

2-Butanone

Concen: 3.236 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW017363.D

Acq: 19 Nov 2020 11:51

Instrument :

MSVOA_W

ClientSampled :

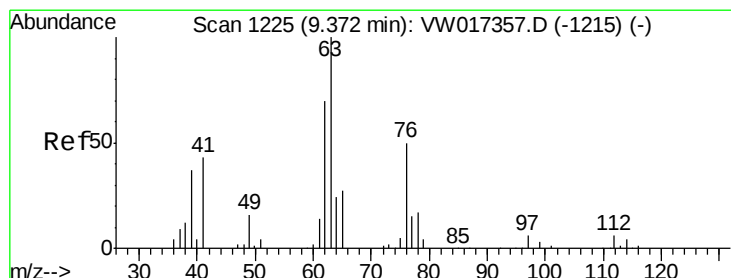
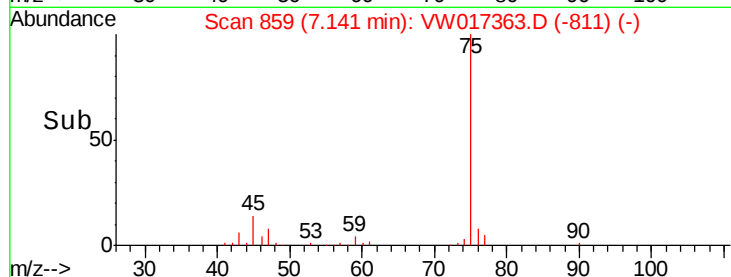
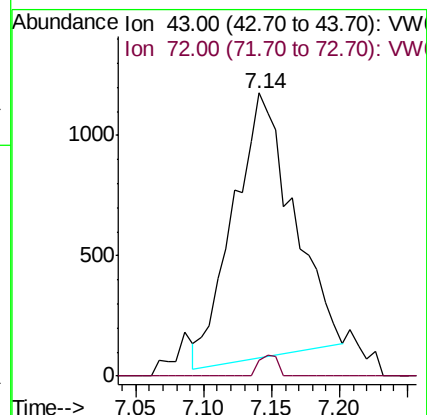
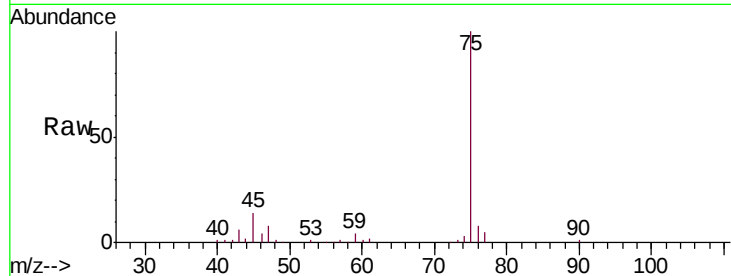
C0B15

Tgt Ion: 43 Resp: 3368

Ion Ratio Lower Upper

43 100

72 2.5 16.4 49.1#



#40

1,2-Dichloropropane

Concen: 3.384 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017363.D

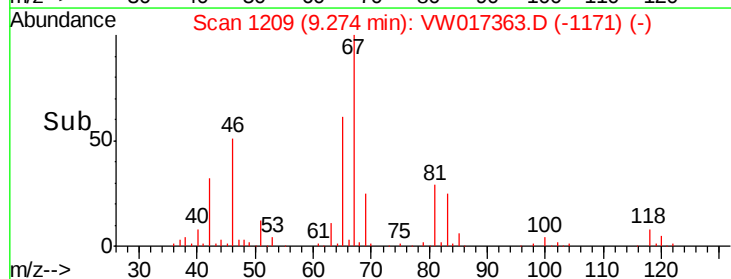
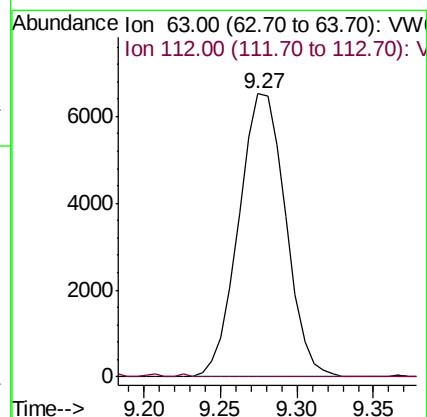
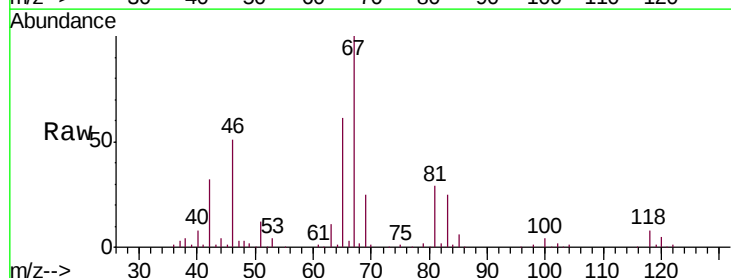
Acq: 19 Nov 2020 11:51

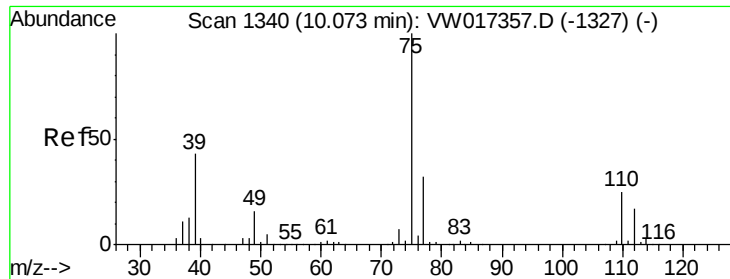
Tgt Ion: 63 Resp: 13899

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#

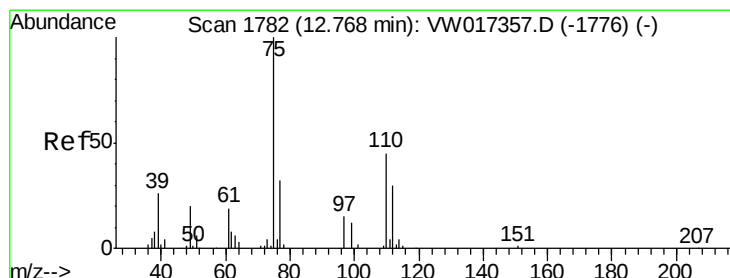
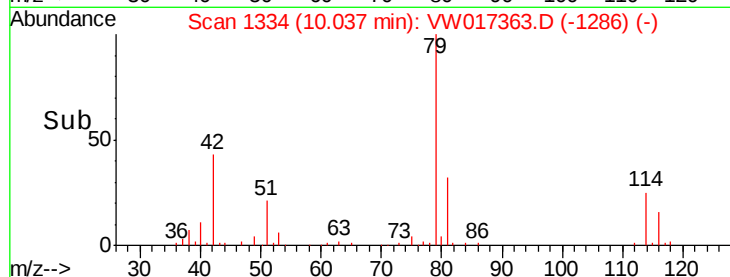
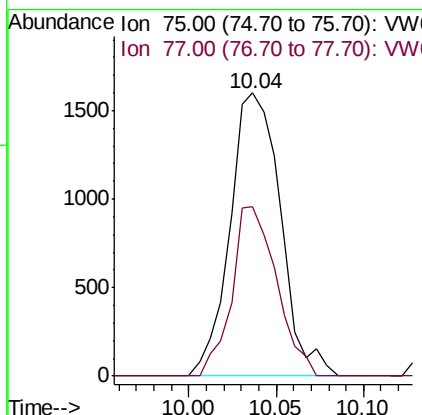
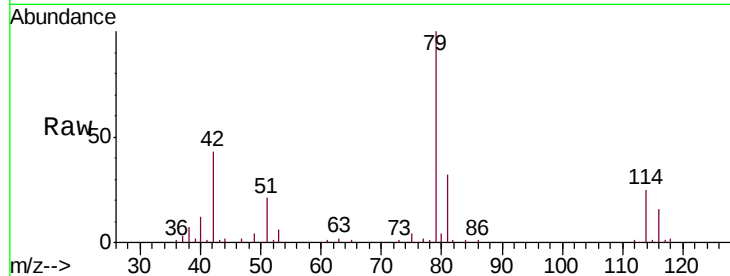




#42
 cis-1,3-Dichloropropene
 Concen: 0.508 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017363.D
 Acq: 19 Nov 2020 11:51

Instrument :
 MSVOA_W
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 C0B15

Tgt Ion: 75 Resp: 3236
 Ion Ratio Lower Upper
 75 100
 77 59.8 21.8 40.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.850 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW017363.D
 Acq: 19 Nov 2020 11:51

Tgt Ion: 75 Resp: 12276
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.6 40.0

