

Data File : VW017362.D
Acq On : 19 Nov 2020 11:28
Operator : SY/VA
Sample : L4749-14RE
Misc : 4.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B13

Quant Time: Nov 20 01:19:51 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	349563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284799	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133828	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.44%
7) Chloroethane-d5	2.90	69	106708	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.84%
10) 1,1-Dichloroethene-d2	4.02	63	166573	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.60%
20) 2-Butanone-d5	7.08	46	34602	40.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.42%
24) Chloroform-d	7.65	84	220976	24.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	8.31	65	110847	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.28	84	439666	27.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.52%
33) 1,2-Dichloropropane-d6	9.28	67	118696	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.00%
37) Toluene-d8	10.33	98	383338	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.44%
38) trans-1,3-Dichloropropene-	10.58	79	44677	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.96%
39) 2-Hexanone-d5	10.93	63	25888	45.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80899	24.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	90072	26.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.28%

Target Compounds

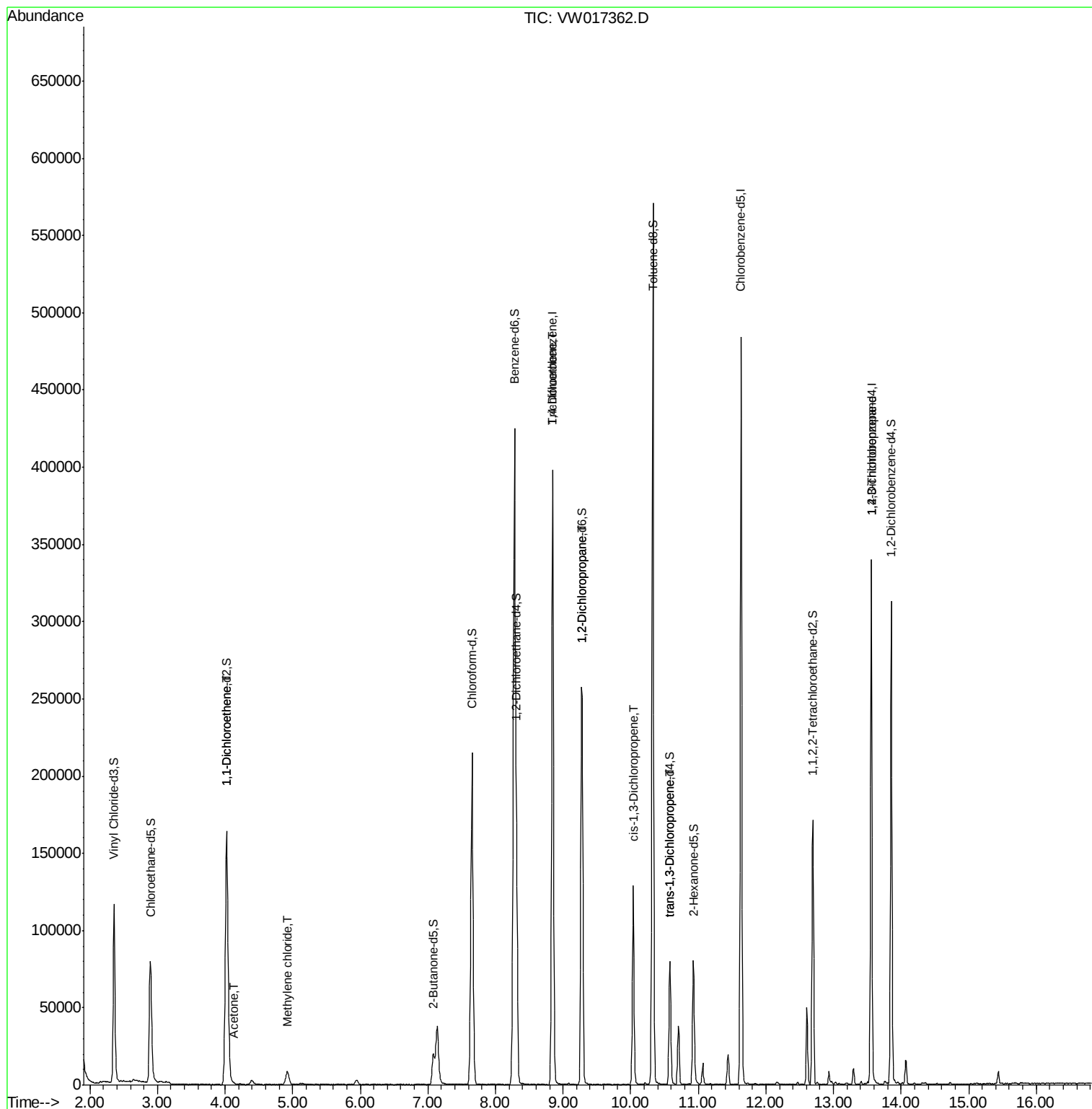
					Qvalue	
12) 1,1-Dichloroethene	4.02	96	1582	0.344	ug/L #	1
13) Acetone	4.14	43	659	1.063	ug/L	77
16) Methylene chloride	4.92	84	7634	1.277	ug/L	97
35) Trichloroethene	8.85	95	10266	2.256	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13812	3.795	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3544	0.627	ug/L #	71
45) trans-1,3-Dichloropropene	10.57	75	2281	0.477	ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	10553	4.706	ug/L	97

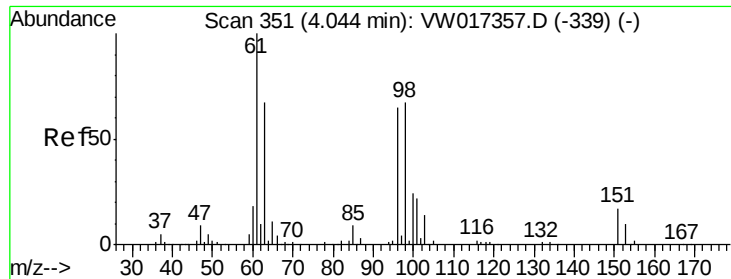
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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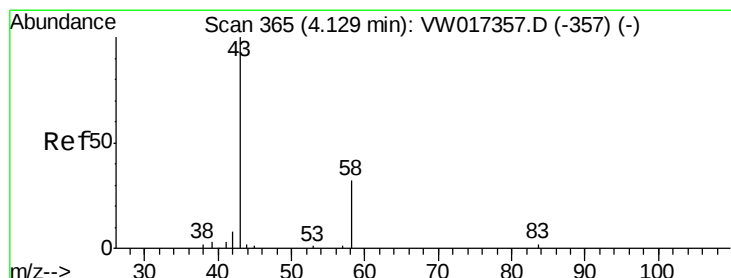
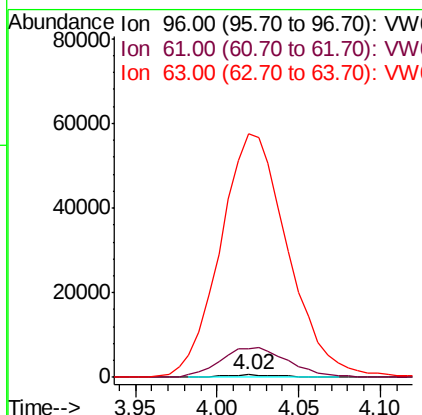
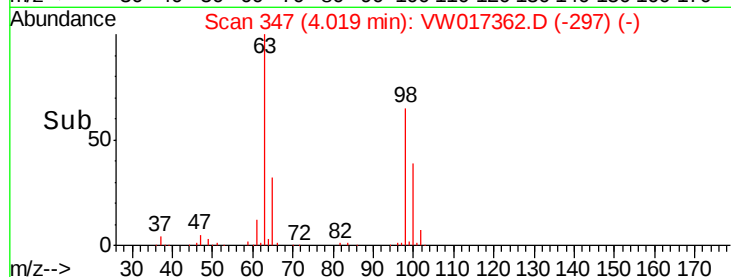
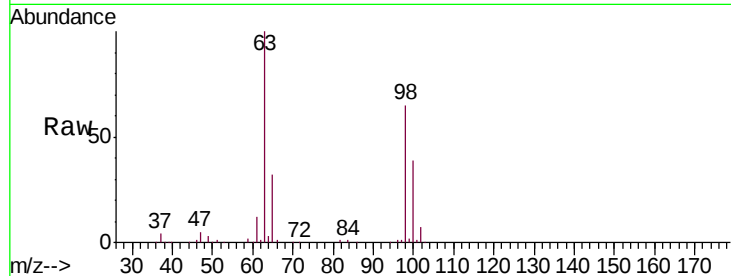




#12
 1,1-Dichloroethene
 Concen: 0.344 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW017362.D
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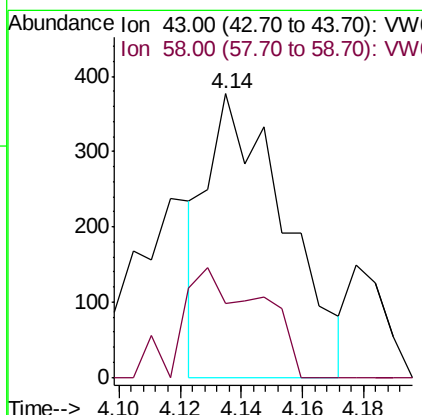
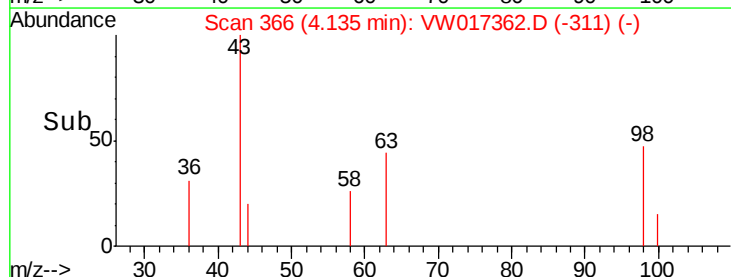
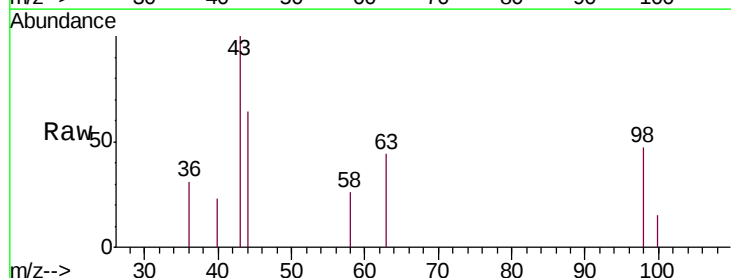
Instrument :
 MSVOA_W
 ClientSampleId :
 C0B13

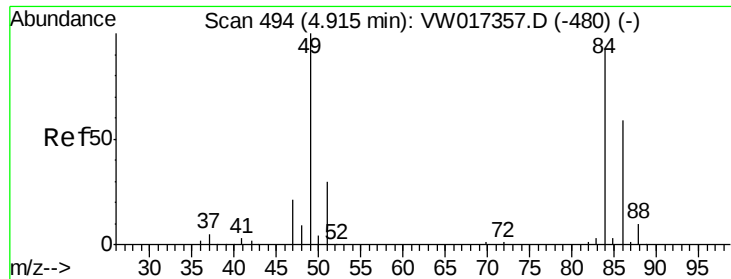
Tgt Ion: 96 Resp: 1582
 Ion Ratio Lower Upper
 96 100
 61 1168.2 104.7 194.4#
 63 9783.7 69.6 129.2#



#13
 Acetone
 Concen: 1.063 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW017362.D
 Acq: 19 Nov 2020 11:28

Tgt Ion: 43 Resp: 659
 Ion Ratio Lower Upper
 43 100
 58 20.2 0.0 67.0

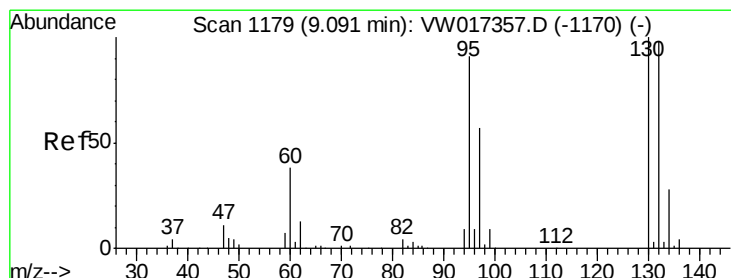
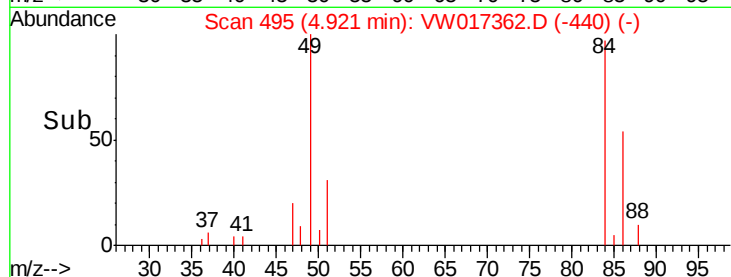
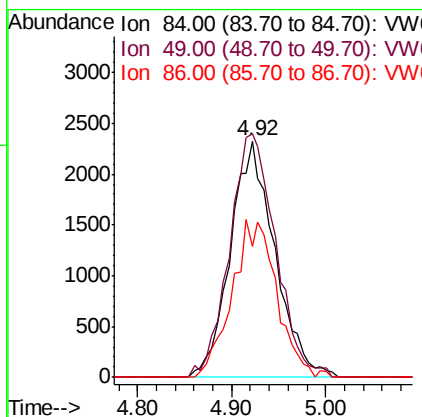
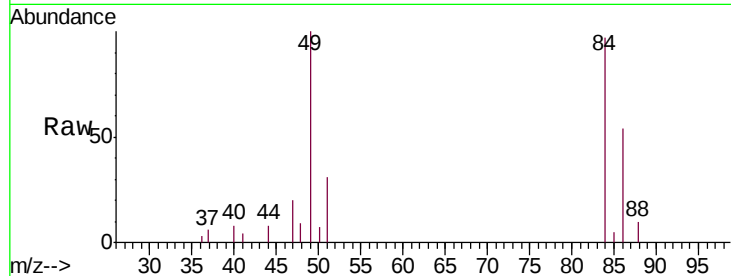




#16
Methylene chloride
Concen: 1.277 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017362.D
Acq: 19 Nov 2020 11:28

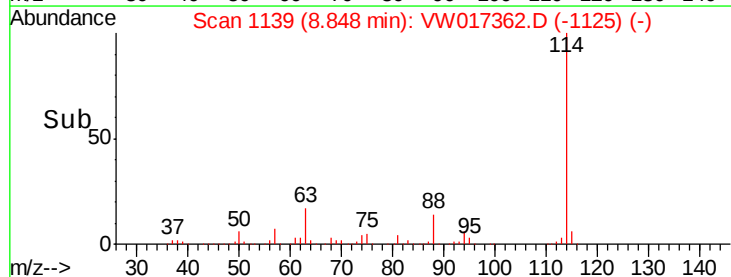
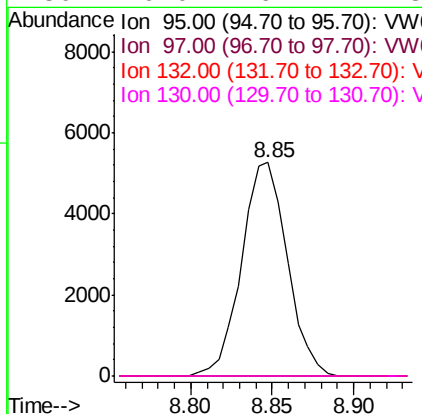
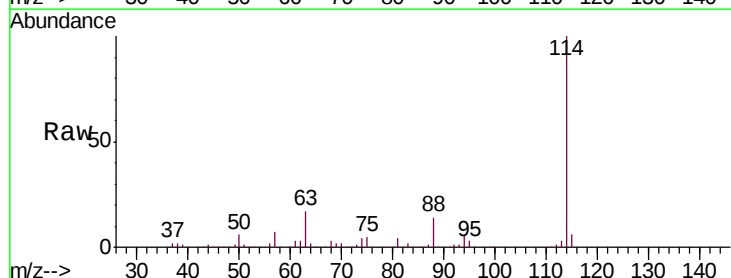
Instrument :
MSVOA_W
ClientSampleId :
C0B13

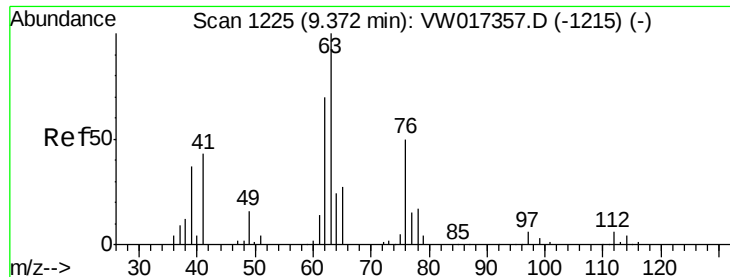
Tgt Ion: 84 Resp: 7634
Ion Ratio Lower Upper
84 100
49 103.1 71.5 132.9
86 55.3 42.8 79.4



#35
Trichloroethene
Concen: 2.256 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017362.D
Acq: 19 Nov 2020 11:28

Tgt Ion: 95 Resp: 10266
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.5 72.7 134.9#
130 0.0 76.1 141.3#

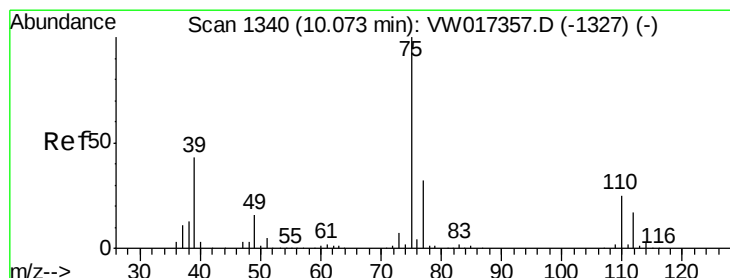
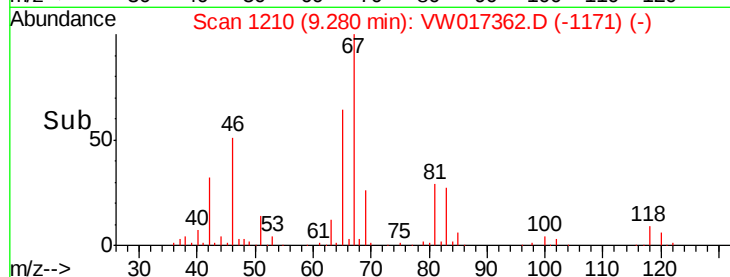
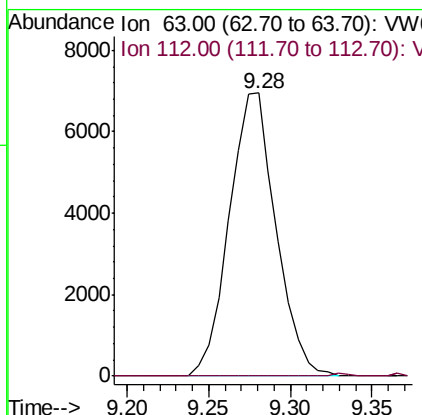
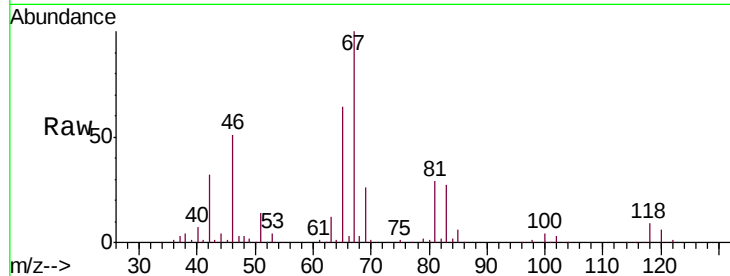




#40
 1,2-Dichloropropane
 Concen: 3.795 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017362.D
 Acq: 19 Nov 2020 11:28

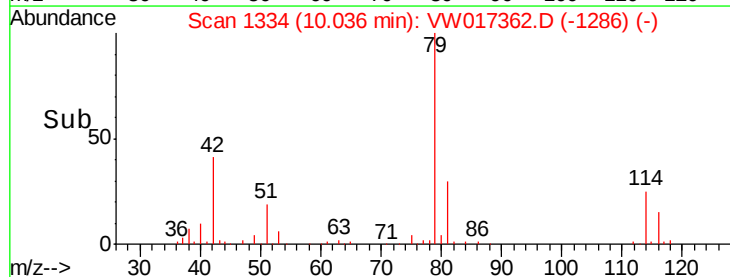
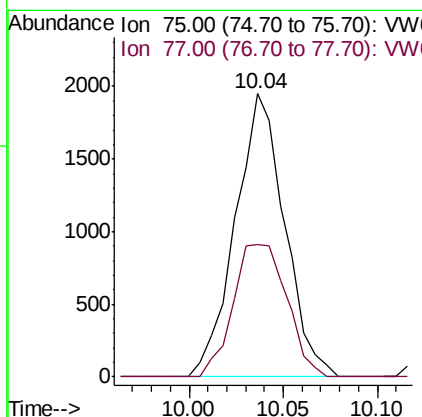
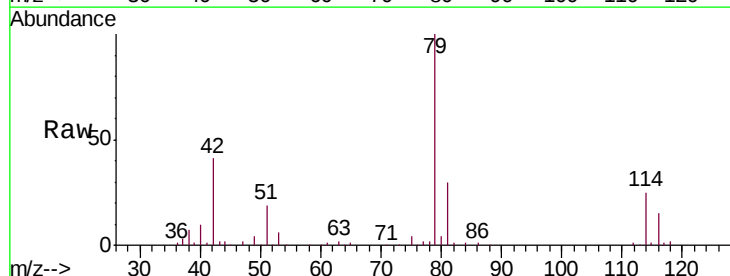
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 MSVOA_W
 ClientSampleId :
 C0B13

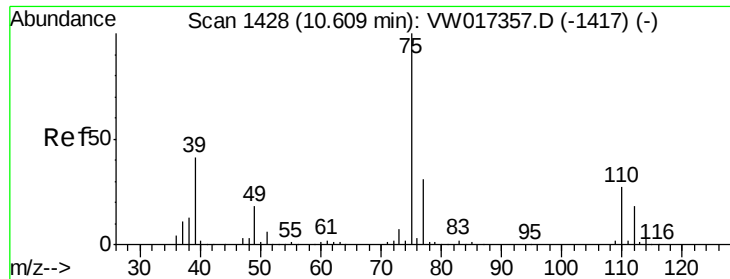
Tgt Ion: 63 Resp: 13812
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.627 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017362.D
 Acq: 19 Nov 2020 11:28

Tgt Ion: 75 Resp: 3544
 Ion Ratio Lower Upper
 75 100
 77 47.0 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.04 min

Lab File: VW017362.D

Acq: 19 Nov 2020 11:28

Instrument :

MSVOA_W

ClientSampled :

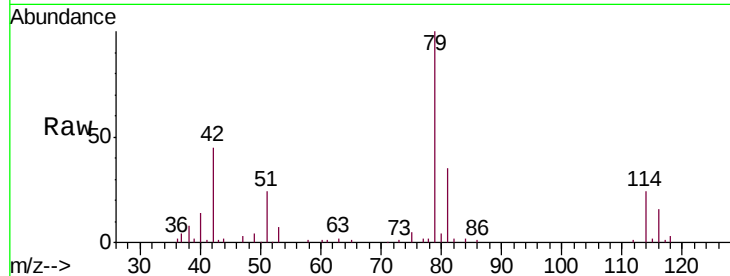
C0B13

Tgt Ion: 75 Resp: 2281

Ion Ratio Lower Upper

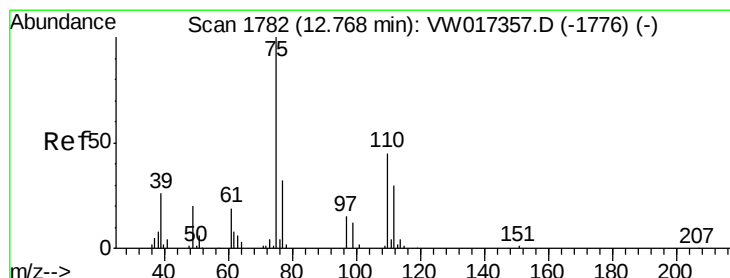
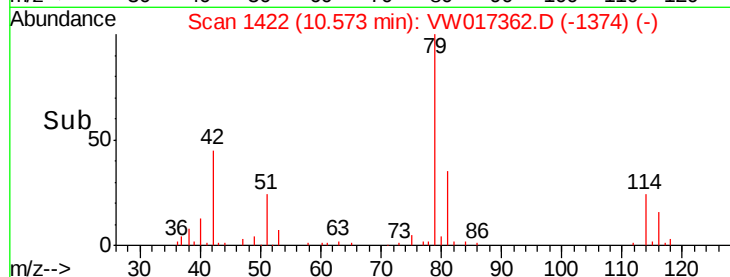
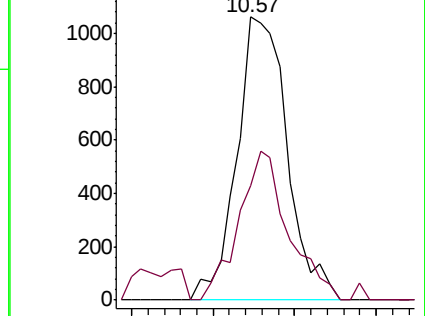
75 100

77 40.3 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.706 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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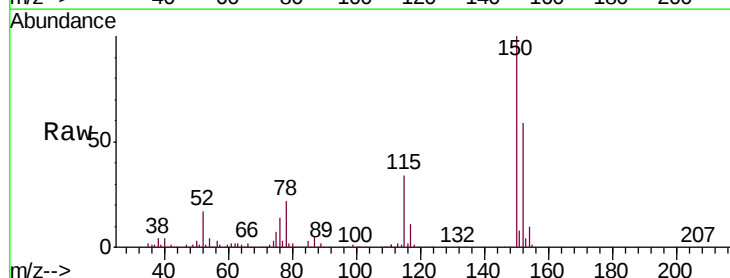
Acq: 19 Nov 2020 11:28

Tgt Ion: 75 Resp: 10553

Ion Ratio Lower Upper

75 100

77 31.6 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

