

Data File : VW017450.D
Acq On : 21 Nov 2020 04:54
Operator : SY/VA
Sample : L4860-18
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BE4

Quant Time: Nov 21 05:36:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376303	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351446	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160467	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109276	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.44%
7) Chloroethane-d5	2.89	69	110018	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
10) 1,1-Dichloroethene-d2	4.02	63	152091	15.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	7.08	46	36316	39.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.38%
24) Chloroform-d	7.65	84	216874	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	8.31	65	105992	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.76%
29) Benzene-d6	8.27	84	426024	21.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.00%
33) 1,2-Dichloropropane-d6	9.27	67	160665	30.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.76%#
37) Toluene-d8	10.32	98	517854	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.04%
38) trans-1,3-Dichloropropene-	10.58	79	50625	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.12%
39) 2-Hexanone-d5	10.93	63	33591	47.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84885	21.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	139495	23.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.20%

Target Compounds

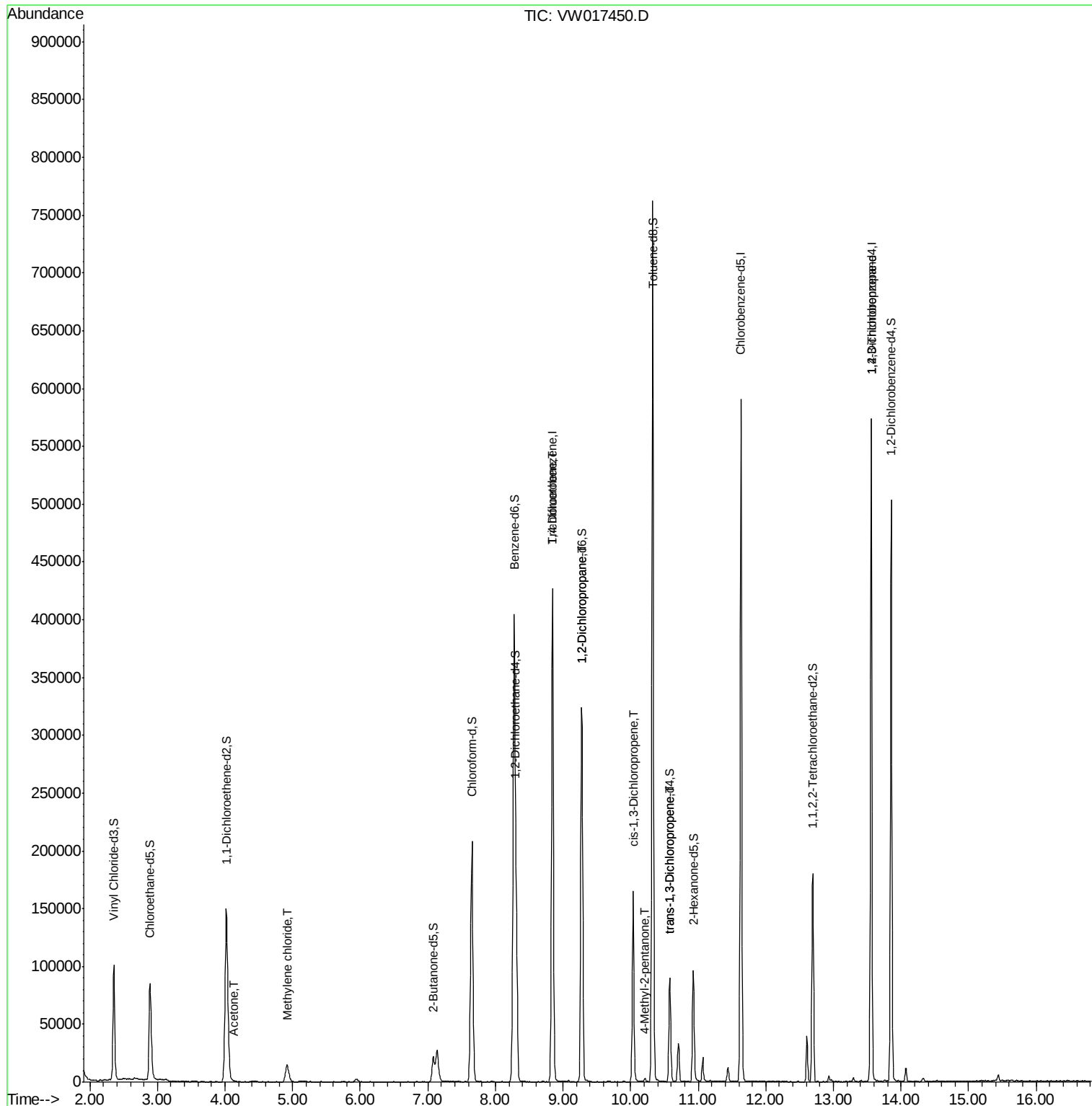
					Qvalue
13) Acetone	4.14	43	752	1.127 ug/L	60
16) Methylene chloride	4.92	84	13268	2.061 ug/L	96
35) Trichloroethene	8.84	95	11071	1.971 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16628	3.703 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3918	0.562 ug/L #	71
43) 4-Methyl-2-pentanone	10.21	43	1870	0.839 ug/L	93
45) trans-1,3-Dichloropropene	10.59	75	2367	0.401 ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	17344	6.267 ug/L	99

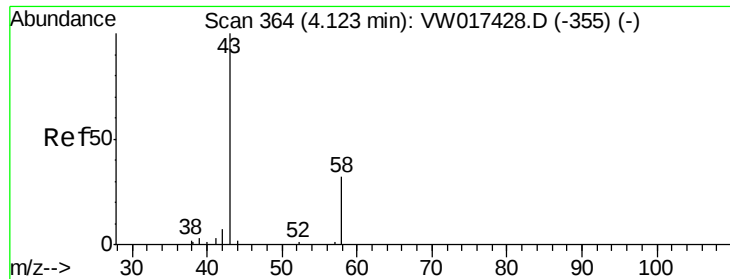
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.127 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

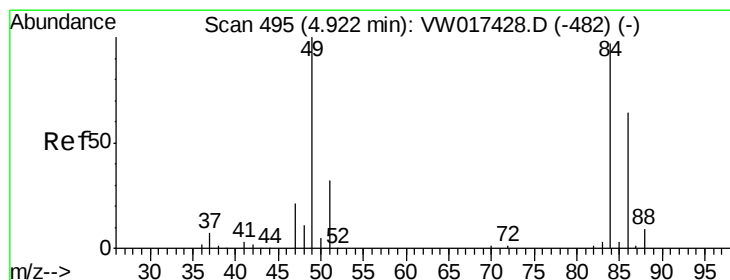
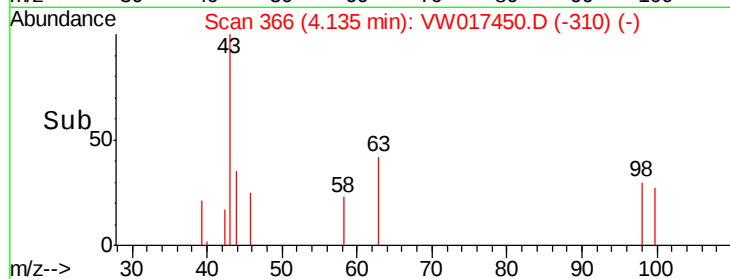
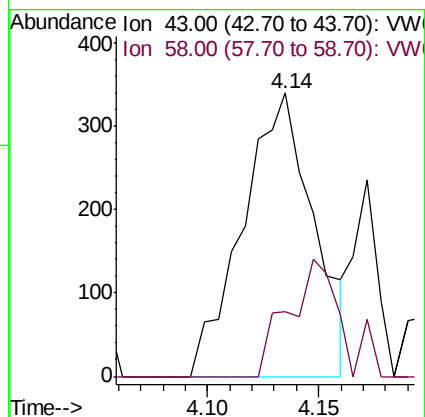
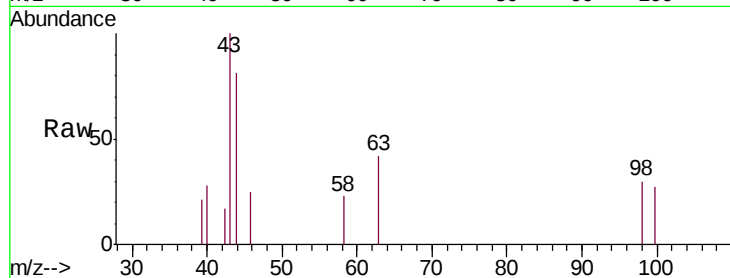
C0BE4

Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

43 100

58 10.9 0.0 67.0



#16

Methylene chloride

Concen: 2.061 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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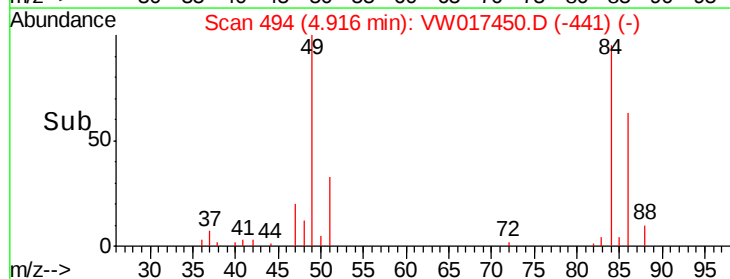
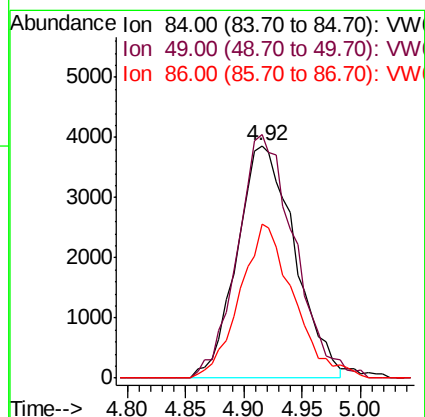
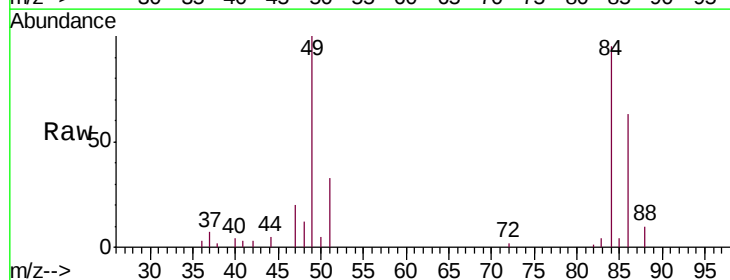
Tgt Ion: 84 Resp: 13268

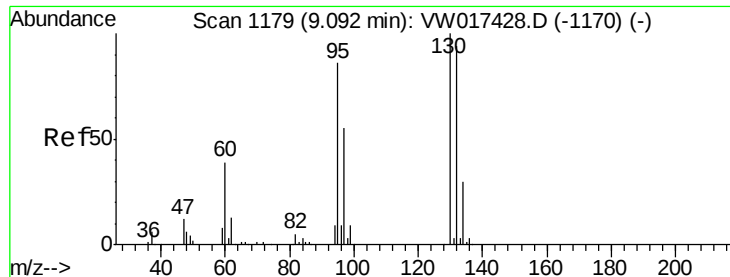
Ion Ratio Lower Upper

84 100

49 104.7 71.5 132.9

86 66.2 42.8 79.4





#35

Trichloroethene

Concen: 1.971 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BE4

Tgt Ion: 95 Resp: 11071

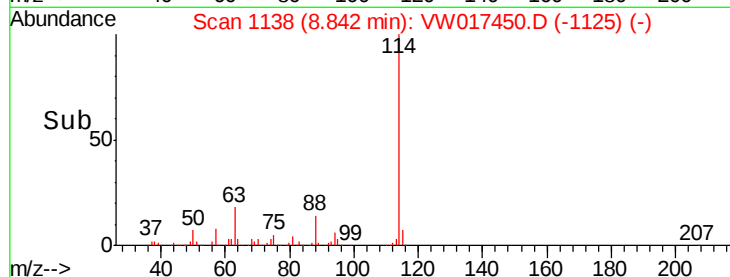
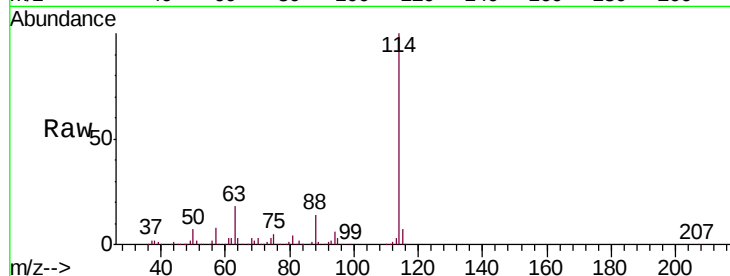
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

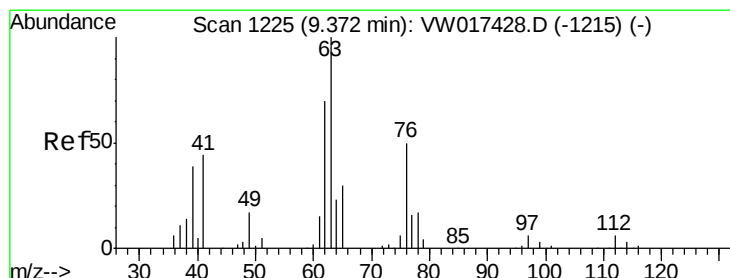
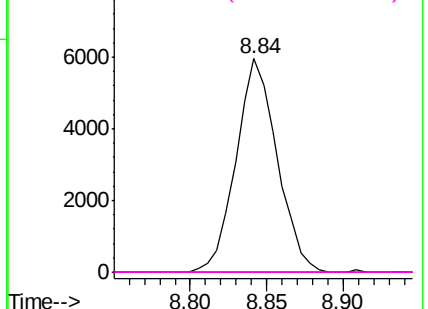


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.703 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017450.D

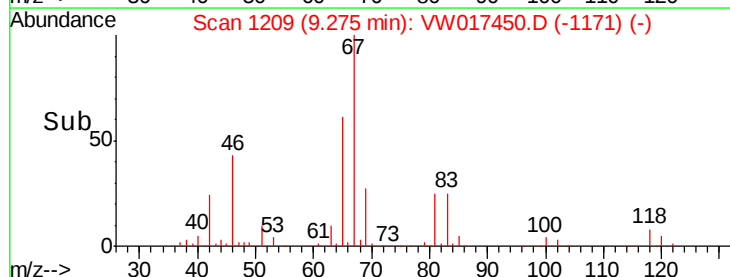
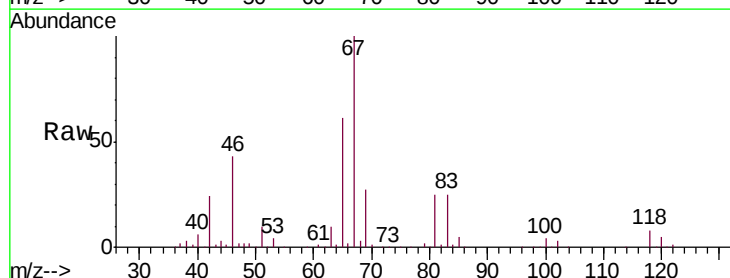
Acq: 21 Nov 2020 04:54

Tgt Ion: 63 Resp: 16628

Ion Ratio Lower Upper

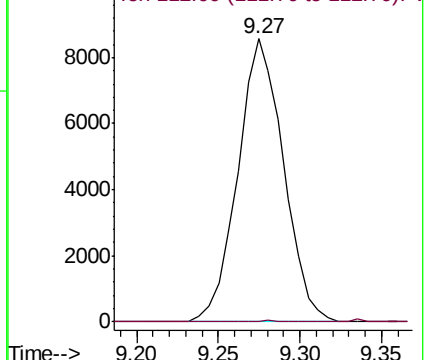
63 100

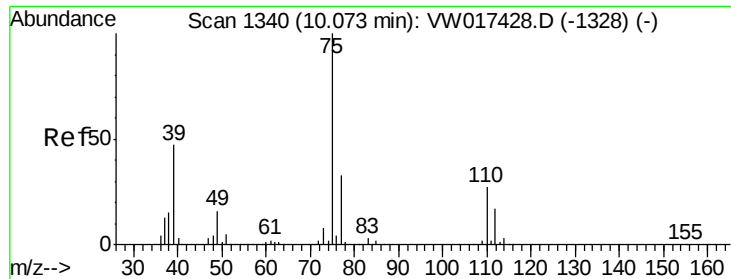
112 0.3 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

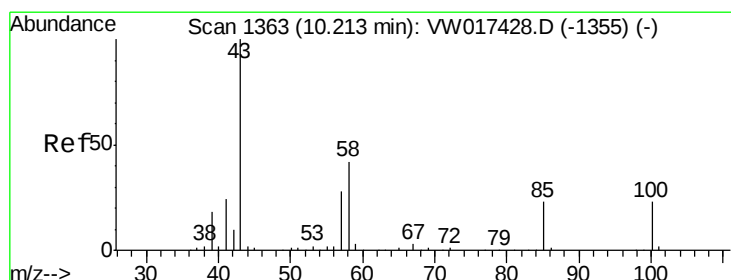
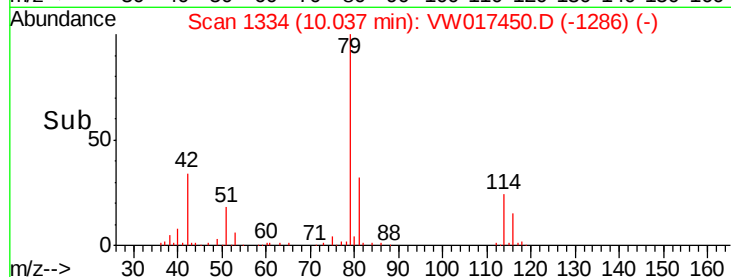
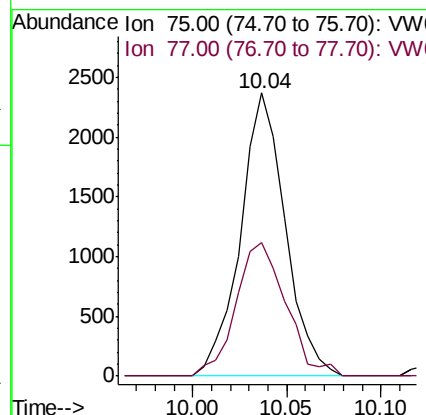
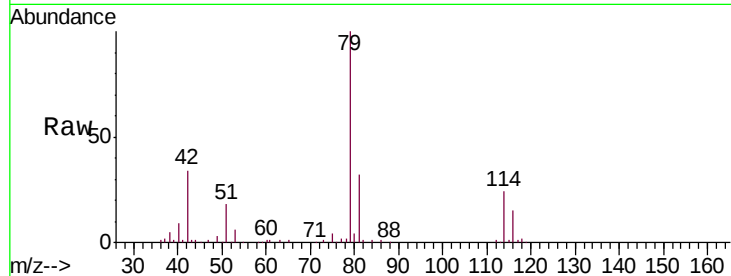




#42
 cis-1,3-Dichloropropene
 Concen: 0.562 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017450.D
 Acq: 21 Nov 2020 04:54

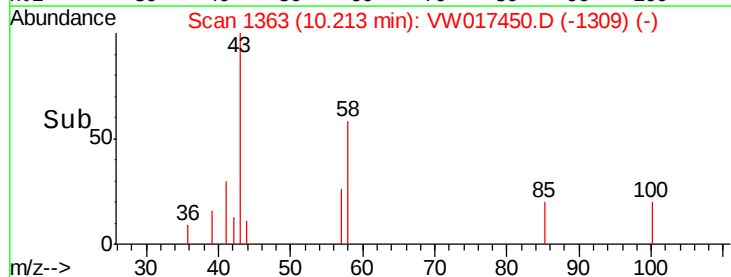
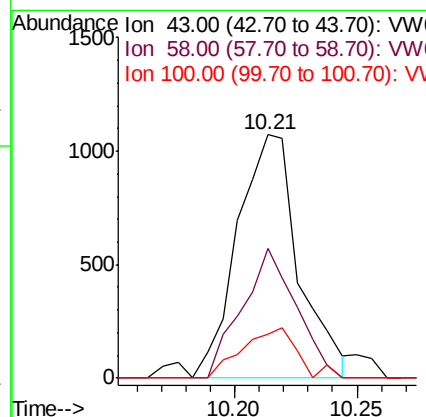
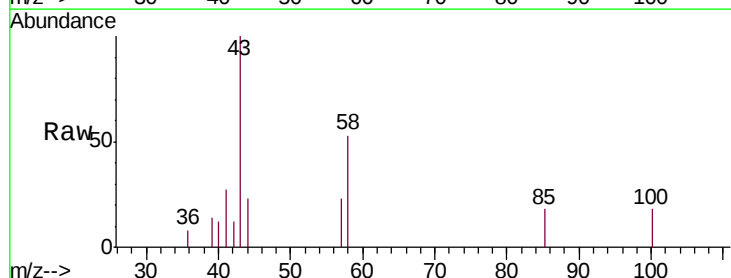
Instrument :
 MSVOA_W
 ClientSampled :
 C0BE4

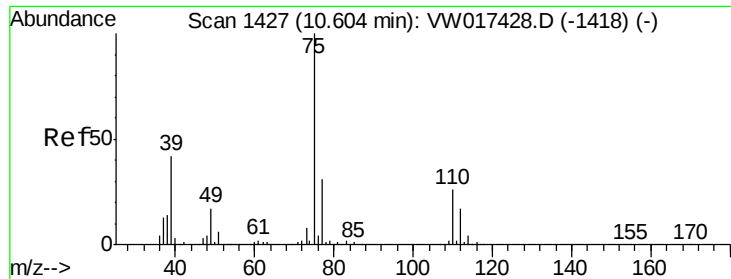
Tgt Ion: 75 Resp: 3918
 Ion Ratio Lower Upper
 75 100
 77 47.2 21.8 40.4#



#43
 4-Methyl-2-pentanone
 Concen: 0.839 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017450.D
 Acq: 21 Nov 2020 04:54

Tgt Ion: 43 Resp: 1870
 Ion Ratio Lower Upper
 43 100
 58 46.7 33.4 50.2
 100 17.5 16.3 24.5

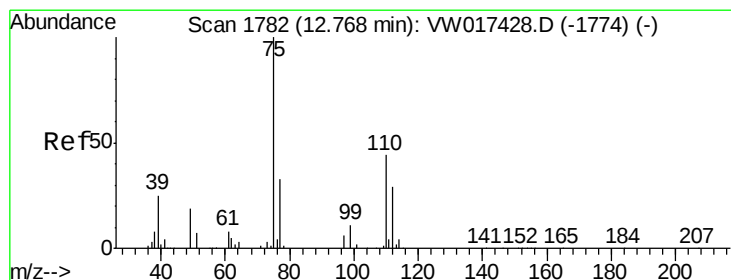
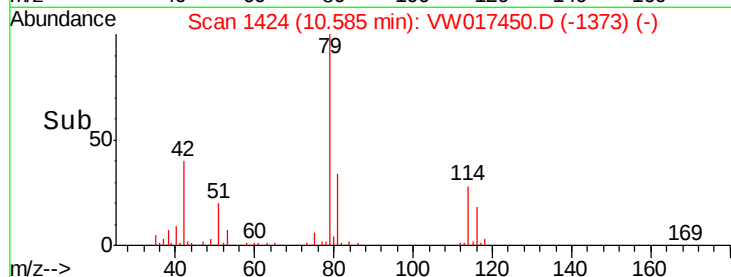
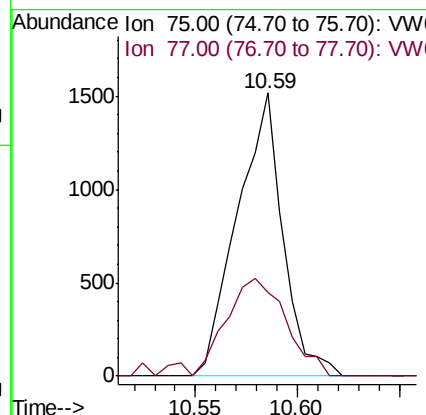
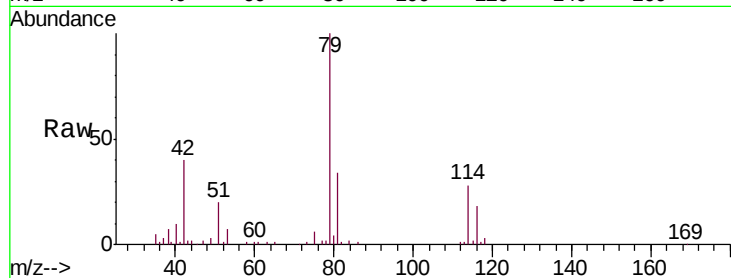




#45
 trans-1,3-Dichloropropene
 Concen: 0.401 ug/L
 RT: 10.59 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: VW017450.D
 Acq: 21 Nov 2020 04:54

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BE4

Tgt Ion: 75 Resp: 2367
 Ion Ratio Lower Upper
 75 100
 77 29.7 22.0 40.8



#59
 1,2,3-Trichloropropane
 Concen: 6.267 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW017450.D
 Acq: 21 Nov 2020 04:54

Tgt Ion: 75 Resp: 17344
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.6 40.0

