

Data File : VW017443.D
Acq On : 21 Nov 2020 02:10
Operator : SY/VA
Sample : L4860-09
Misc : 5.87G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BC6

Quant Time: Nov 21 02:43:13 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	8.85	114	120050	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	126470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56060	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26742	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.20%
7) Chloroethane-d5	2.89	69	27467	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.84%
10) 1,1-Dichloroethene-d2	4.02	63	42291	13.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.40%
20) 2-Butanone-d5	7.22	46	248	0.85	ug/L	0.14
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.70%#
24) Chloroform-d	7.65	84	77623	24.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	8.31	65	44884	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.80%
29) Benzene-d6	8.27	84	140306	19.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.72%
33) 1,2-Dichloropropane-d6	9.27	67	42690	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	10.32	98	127635	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.08%
38) trans-1,3-Dichloropropene-	10.58	79	17529	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	10.93	63	13148	51.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39157	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	51041	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds

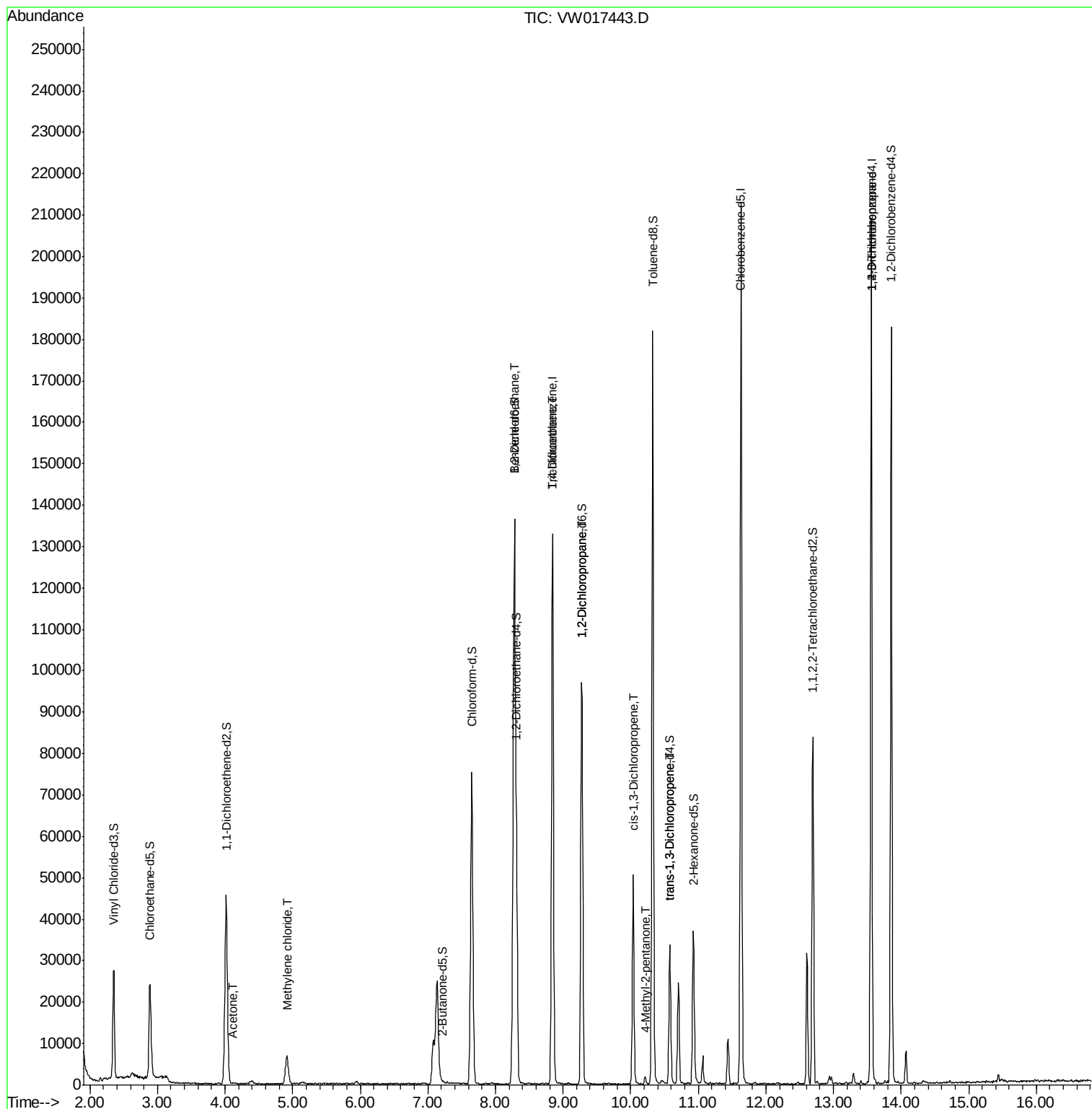
					Qvalue
13) Acetone	4.12	43	589	2.766 ug/L #	41
16) Methylene chloride	4.92	84	3682	1.793 ug/L	92
27) 1,2-Dichloroethane	8.28	62	485	0.289 ug/L #	74
35) Trichloroethene	8.84	95	3523	1.743 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	5219	3.229 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	1493	0.595 ug/L #	69
43) 4-Methyl-2-pentanone	10.22	43	1141	1.422 ug/L #	95
45) trans-1,3-Dichloropropene	10.58	75	999	0.470 ug/L #	76
59) 1,2,3-Trichloropropane	13.56	75	6297	6.323 ug/L	97

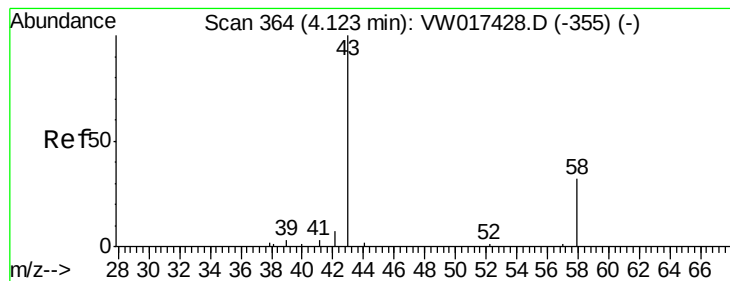
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.766 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017443.D

Acq: 21 Nov 2020 02:10

Instrument :

MSVOA_W

ClientSampled :

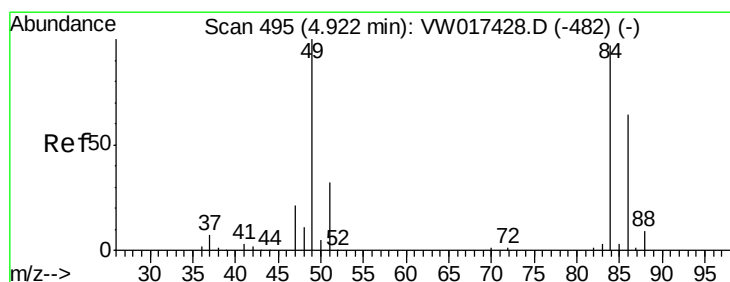
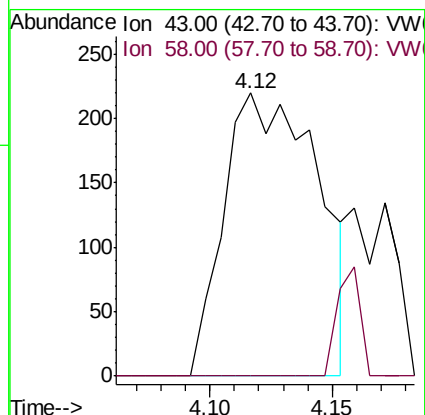
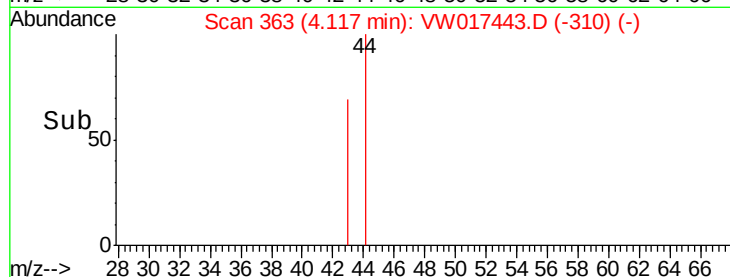
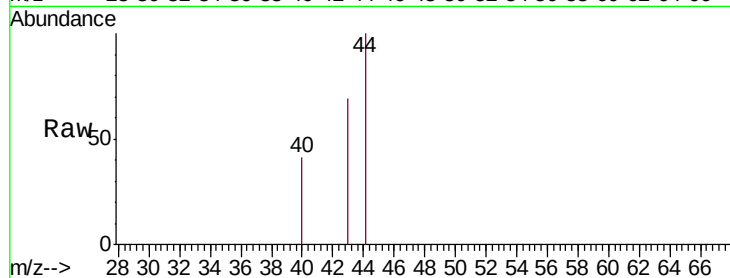
C0BC6

Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.0



#16

Methylene chloride

Concen: 1.793 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017443.D

Acq: 21 Nov 2020 02:10

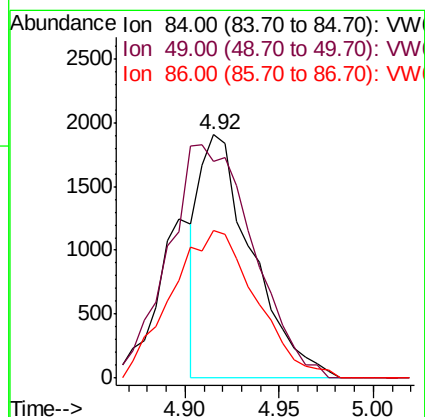
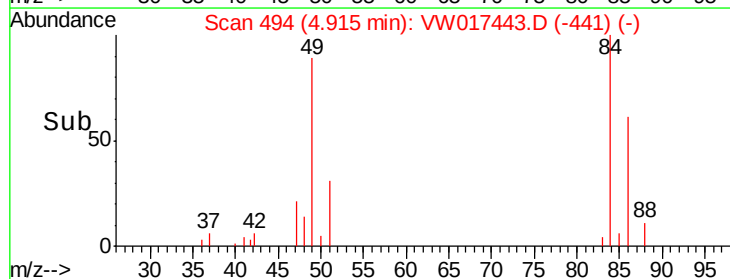
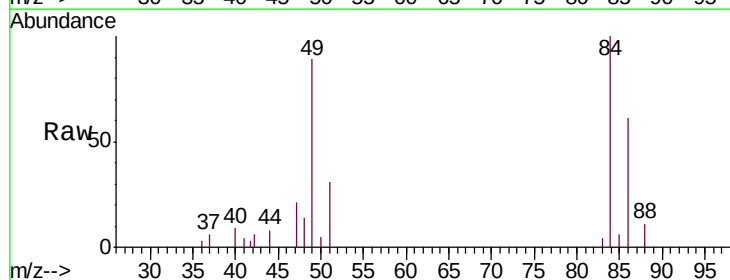
Tgt Ion: 84 Resp: 3682

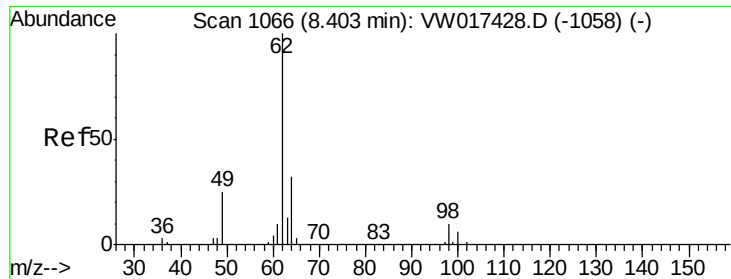
Ion Ratio Lower Upper

84 100

49 89.1 71.5 132.9

86 60.7 42.8 79.4





#27

1,2-Dichloroethane

Concen: 0.289 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

Lab File: VW017443.D

Acq: 21 Nov 2020 02:10

Instrument :

MSVOA_W

ClientSampleId :

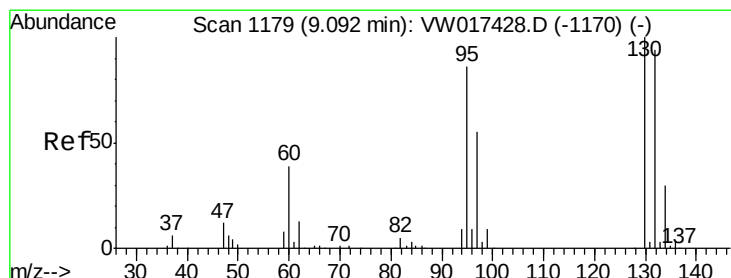
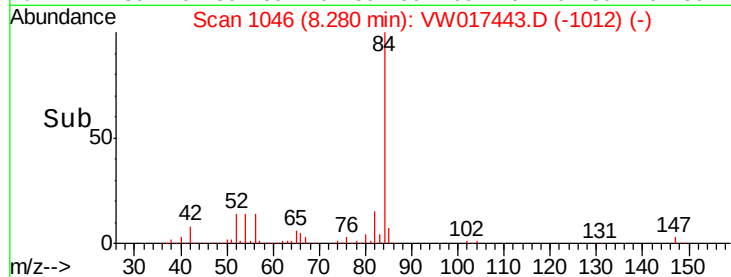
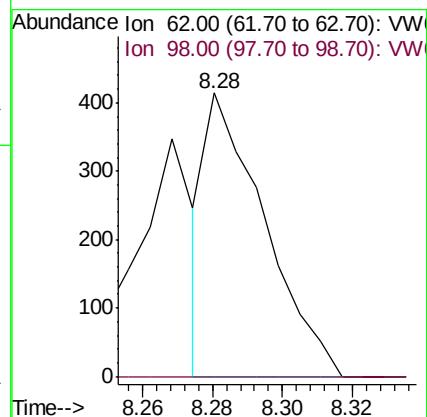
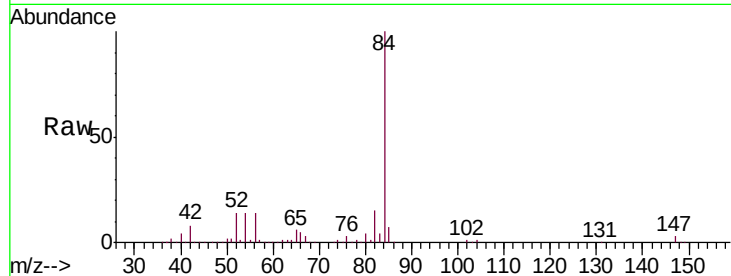
C0BC6

Tgt Ion: 62 Resp: 485

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#35

Trichloroethene

Concen: 1.743 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017443.D

Acq: 21 Nov 2020 02:10

Tgt Ion: 95 Resp: 3523

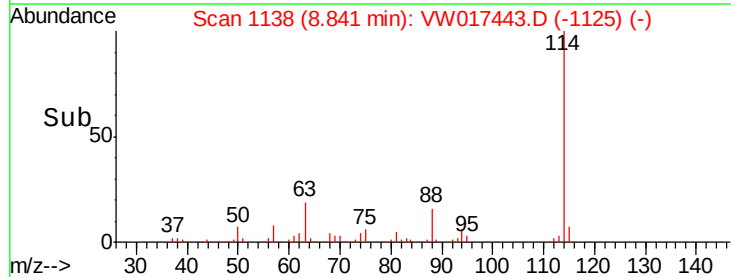
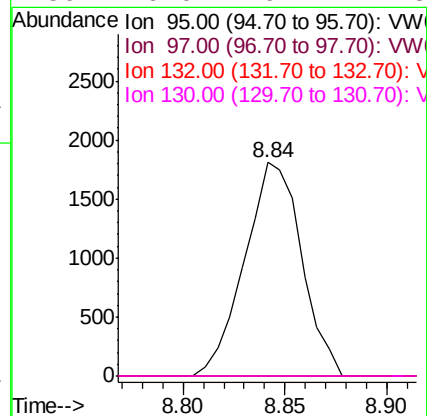
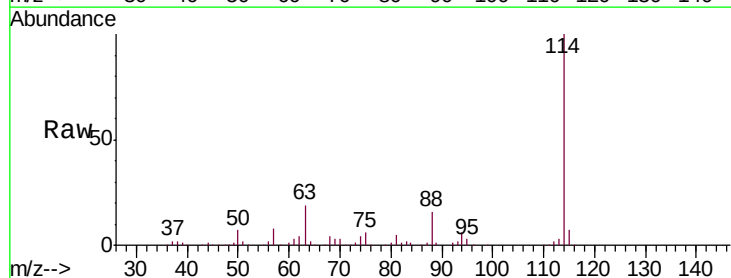
Ion Ratio Lower Upper

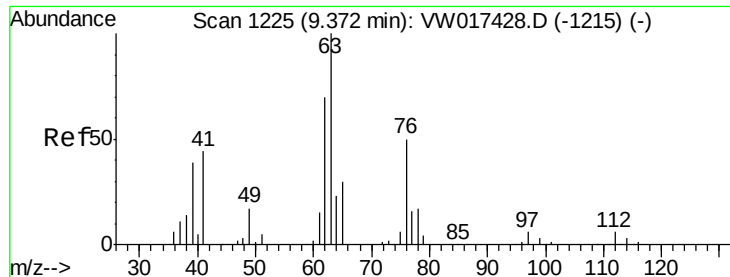
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

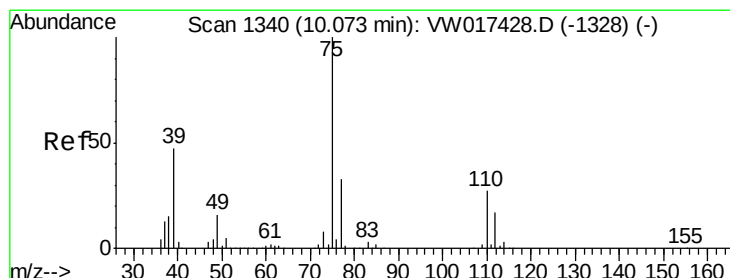
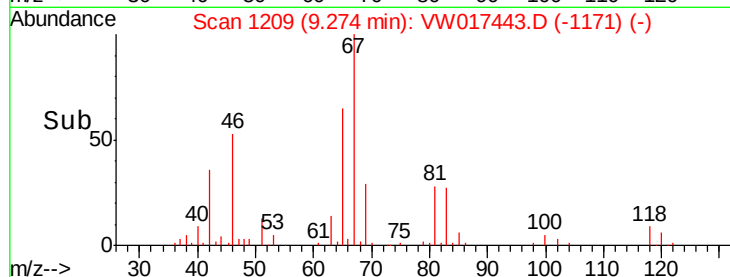
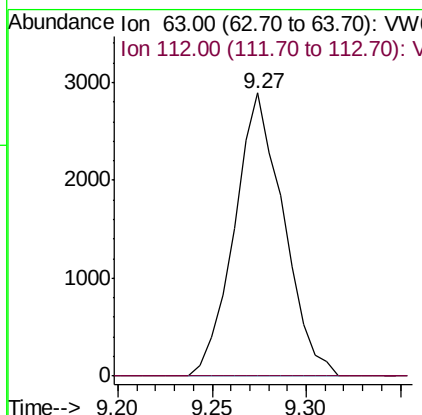
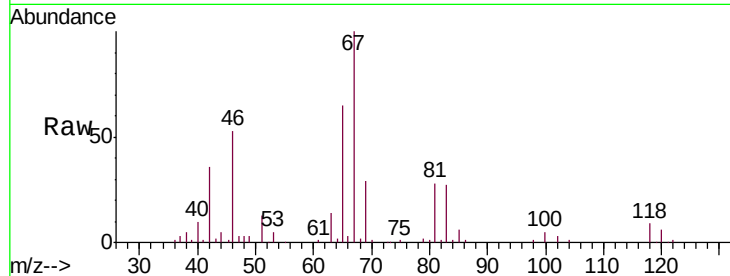




#40
 1,2-Dichloropropane
 Concen: 3.229 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017443.D
 Acq: 21 Nov 2020 02:10

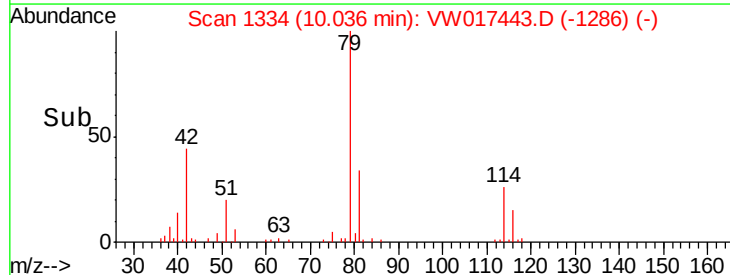
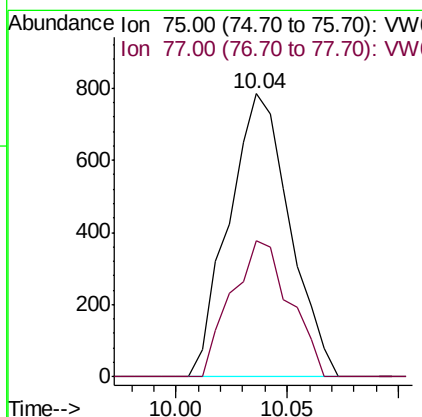
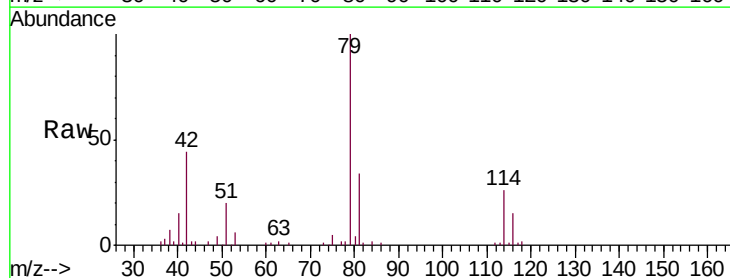
Instrument :
 MSVOA_W
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 C0BC6

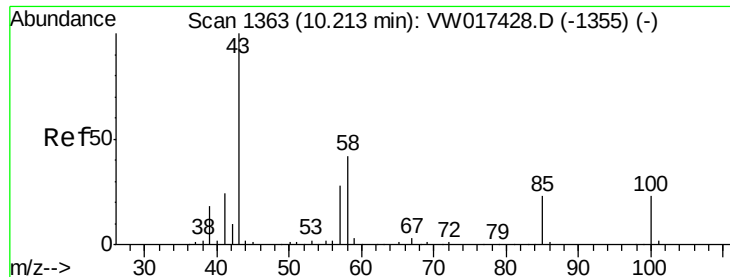
Tgt Ion: 63 Resp: 5219
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.595 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017443.D
 Acq: 21 Nov 2020 02:10

Tgt Ion: 75 Resp: 1493
 Ion Ratio Lower Upper
 75 100
 77 48.1 21.8 40.4#

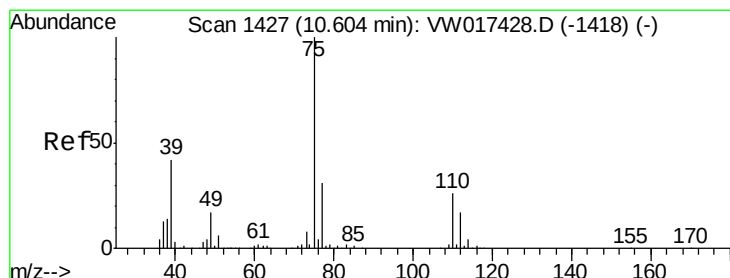
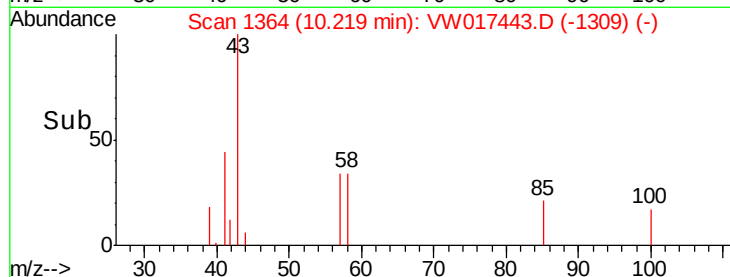
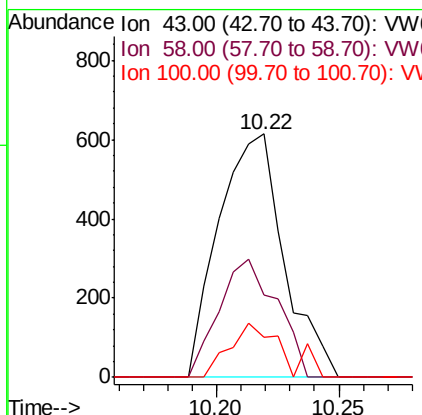
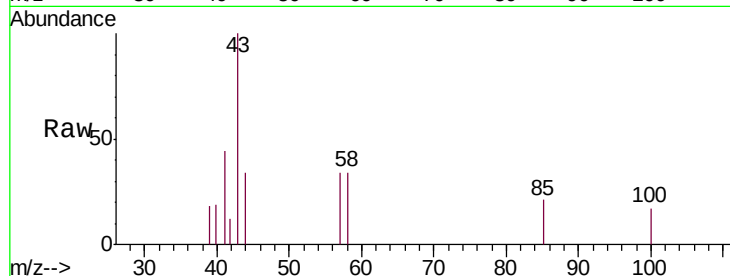




#43
 4-Methyl-2-pentanone
 Concen: 1.422 ug/L
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW017443.D
 Acq: 21 Nov 2020 02:10

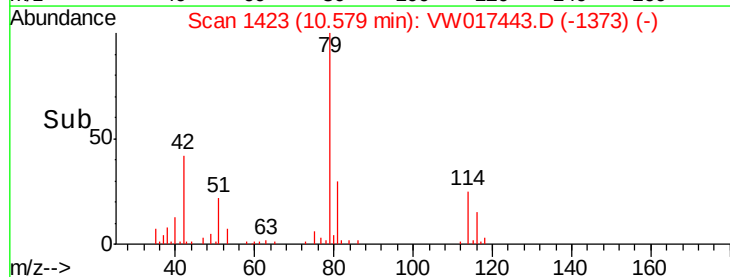
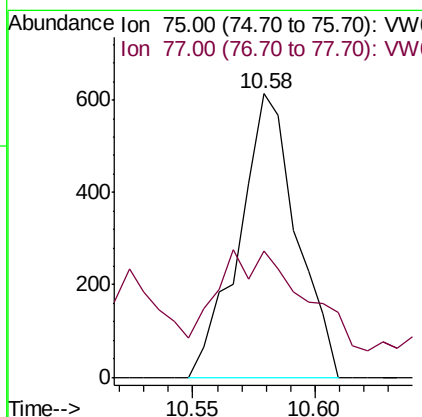
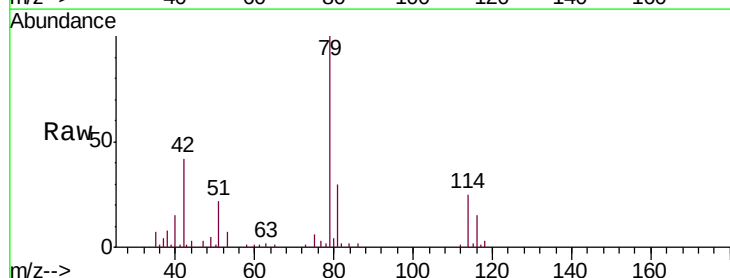
Instrument :
 MSVOA_W
 ClientSampled :
 C0BC6

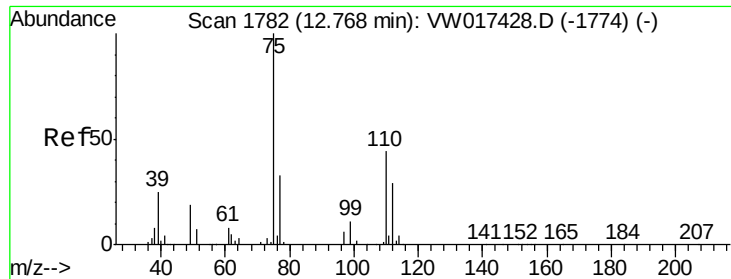
Tgt Ion: 43 Resp: 1141
 Ion Ratio Lower Upper
 43 100
 58 43.0 33.4 50.2
 100 15.5 16.3 24.5#



#45
 trans-1,3-Dichloropropene
 Concen: 0.470 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW017443.D
 Acq: 21 Nov 2020 02:10

Tgt Ion: 75 Resp: 999
 Ion Ratio Lower Upper
 75 100
 77 44.7 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 6.323 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017443.D

Acq: 21 Nov 2020 02:10

Instrument :

MSVOA_W

ClientSampleId :

C0BC6

Tgt Ion: 75 Resp: 6297

Ion Ratio Lower Upper

75 100

77 35.1 26.6 40.0

