

Data File : VW017426.D
Acq On : 20 Nov 2020 18:43
Operator : SY/VA
Sample : L4853-01
Misc : 4.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD0

Quant Time: Nov 21 00:34:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338970	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223792	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	50163	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104808	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	2.89	69	94335	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
10) 1,1-Dichloroethene-d2	4.02	63	143688	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.08	46	37667	45.70	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.40%
24) Chloroform-d	7.65	84	207187	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	103335	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
29) Benzene-d6	8.27	84	398705	31.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.40%
33) 1,2-Dichloropropane-d6	9.27	67	107743	32.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.24%#
37) Toluene-d8	10.32	98	306144	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.12%
38) trans-1,3-Dichloropropene-	10.58	79	41193	28.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.60%
39) 2-Hexanone-d5	10.93	63	31389	69.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70292	27.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	46834	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

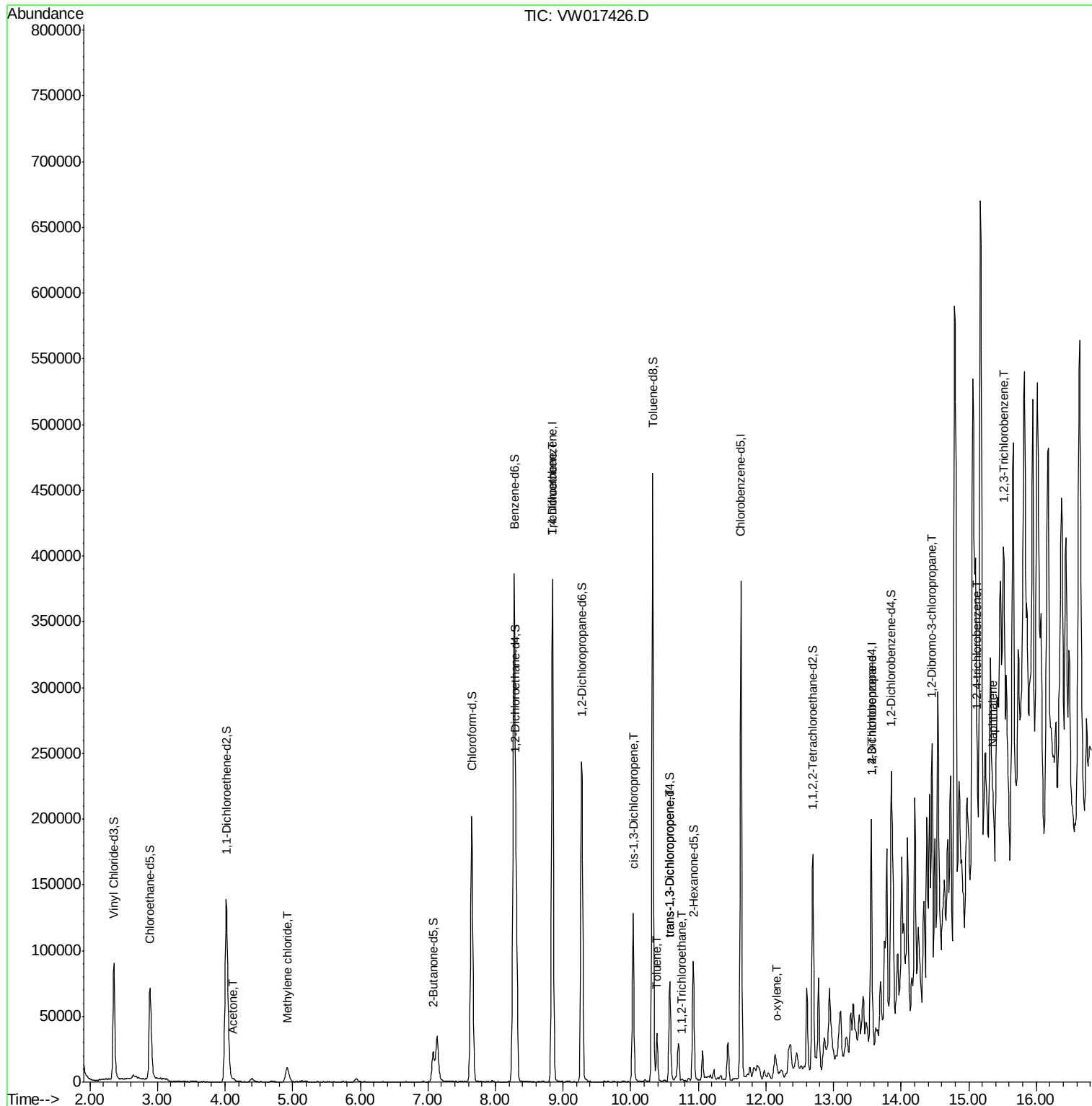
					Qvalue
13) Acetone	4.12	43	2441	4.060 ug/L	96
16) Methylene chloride	4.92	84	10328	1.781 ug/L	93
35) Trichloroethene	8.84	95	10240	2.863 ug/L #	2
42) cis-1,3-Dichloropropene	10.03	75	3760	0.847 ug/L #	71
44) Toluene	10.39	91	27194	1.939 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2123	0.565 ug/L #	83
46) 1,1,2-Trichloroethane	10.76	97	606	0.269 ug/L #	16
55) o-xylene	12.17	106	1360	0.236 ug/L	83
59) 1,2,3-Trichloropropane	13.55	75	5813	3.299 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.45	75	1088	6.870 ug/L #	6
68) 1,2,4-trichlorobenzene	15.13	180	1251	0.685 ug/L #	1
69) Naphthalene	15.36	128	19816	7.562 ug/L #	83
70) 1,2,3-Trichlorobenzene	15.52	180	3511	2.186 ug/L #	1

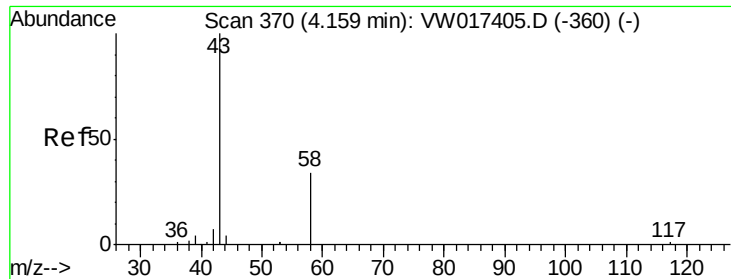
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.060 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

Lab File: VW017426.D

Acq: 20 Nov 2020 18:43

Instrument :

MSVOA_W

ClientSampleId :

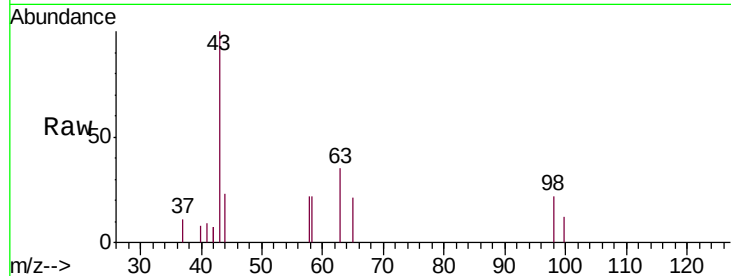
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Tgt Ion: 43 Resp: 2441

Ion Ratio Lower Upper

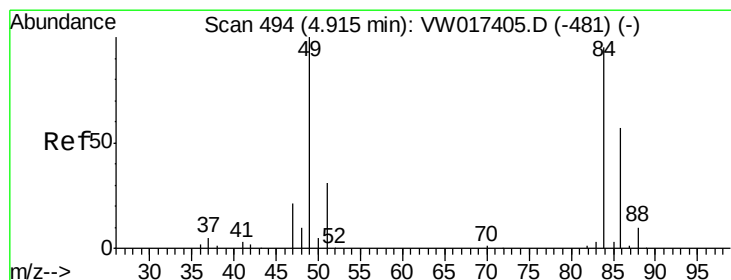
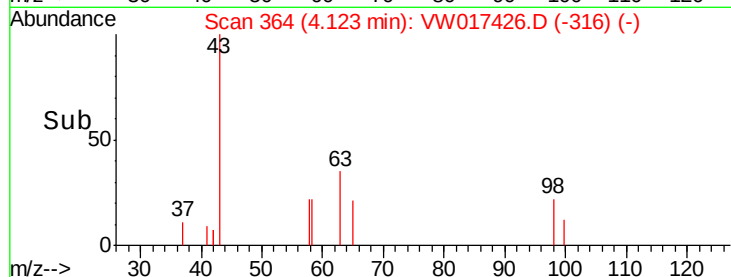
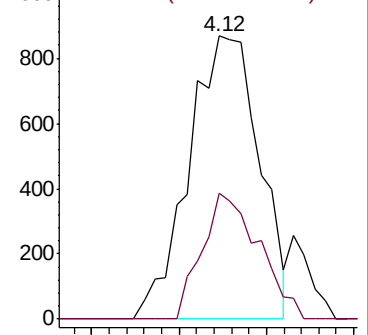
43 100

58 35.9 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: 1.781 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017426.D

Acq: 20 Nov 2020 18:43

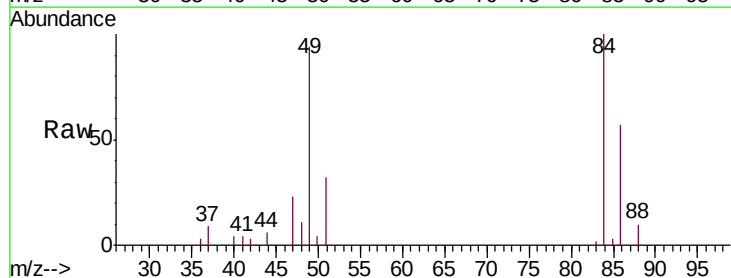
Tgt Ion: 84 Resp: 10328

Ion Ratio Lower Upper

84 100

49 94.2 71.5 132.9

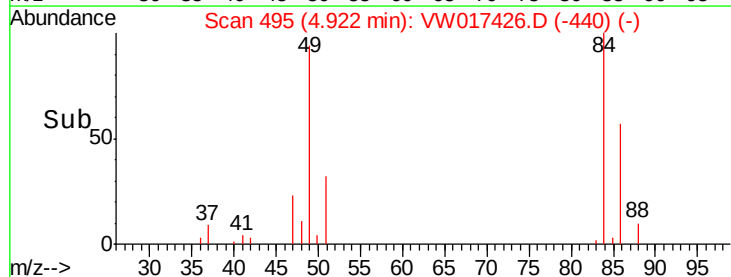
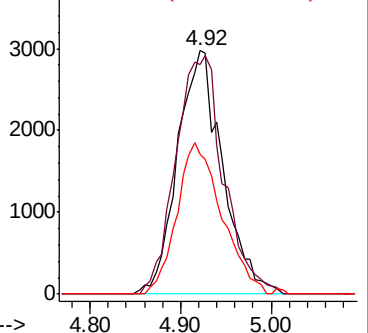
86 57.2 42.8 79.4

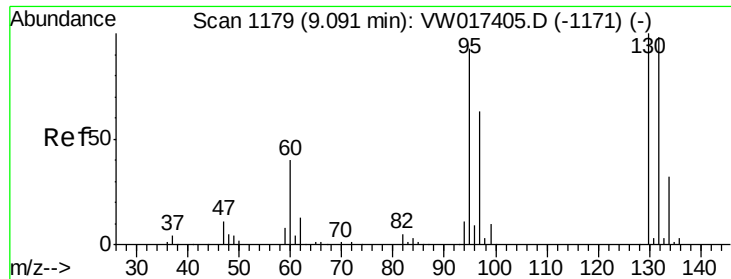


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

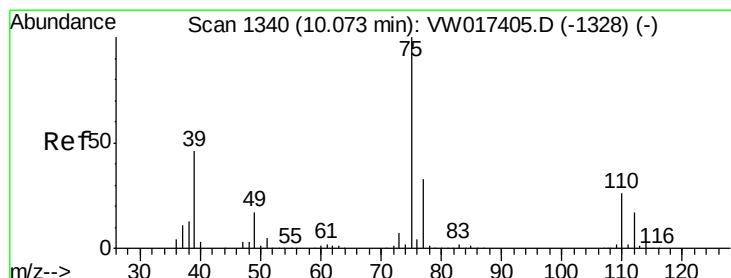
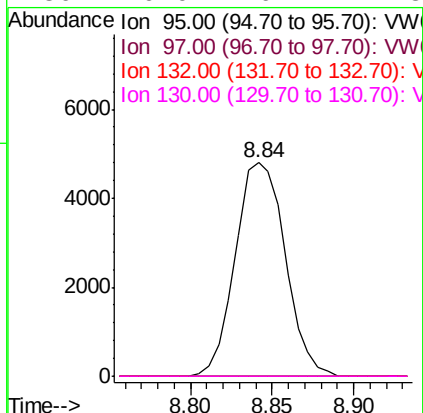
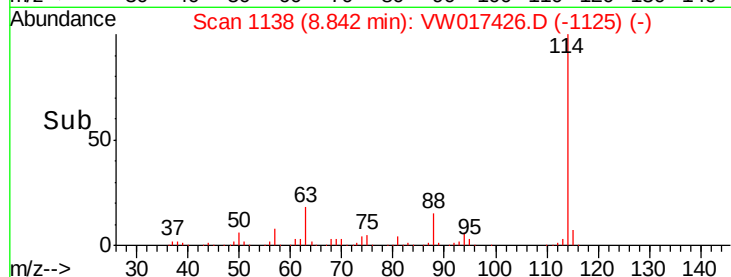
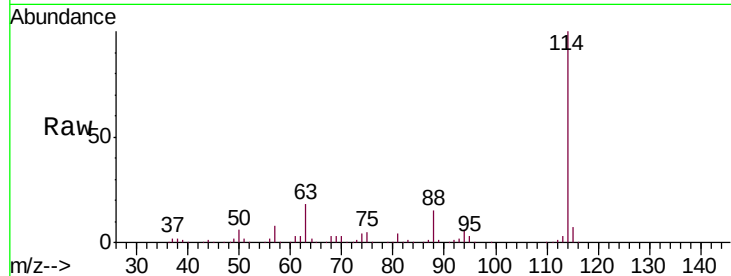




#35
 Trichloroethene
 Concen: 2.863 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW017426.D
 Acq: 20 Nov 2020 18:43

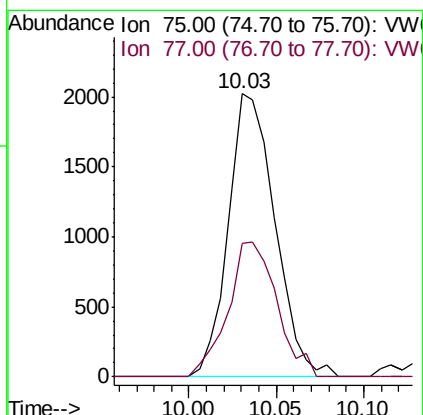
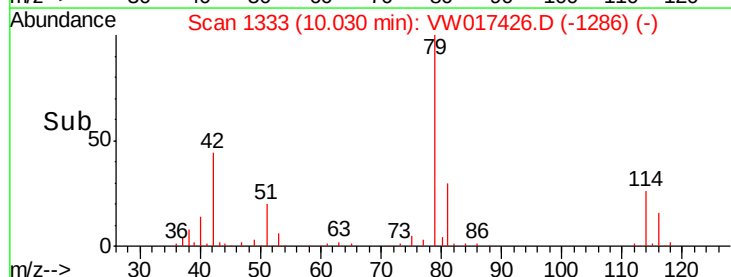
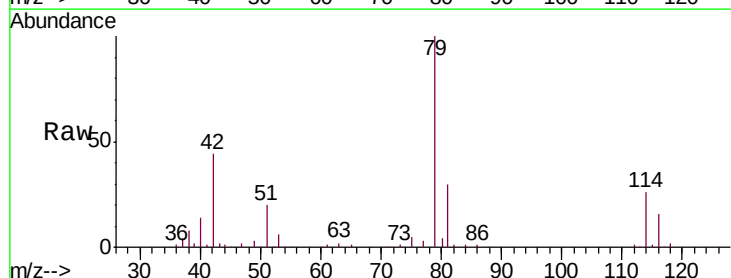
Instrument :
 MSVOA_W
 ClientSampleID :
 C0AD0

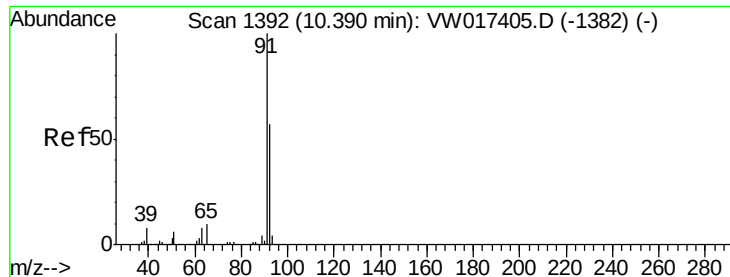
Tgt Ion: 95 Resp: 10240
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.7 82.9#
 132 0.0 72.7 134.9#
 130 0.0 76.1 141.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.847 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW017426.D
 Acq: 20 Nov 2020 18:43

Tgt Ion: 75 Resp: 3760
 Ion Ratio Lower Upper
 75 100
 77 47.0 21.8 40.4#





#44

Toluene

Concen: 1.939 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017426.D

Acq: 20 Nov 2020 18:43

Instrument :

MSVOA_W

ClientSampleId :

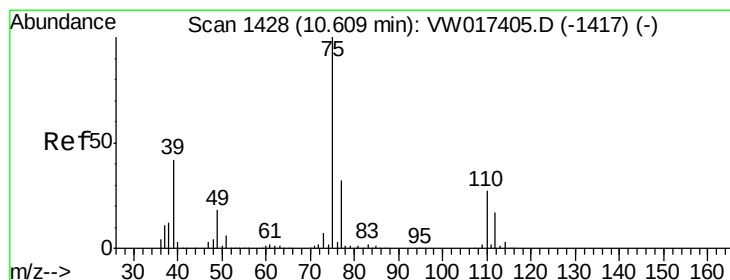
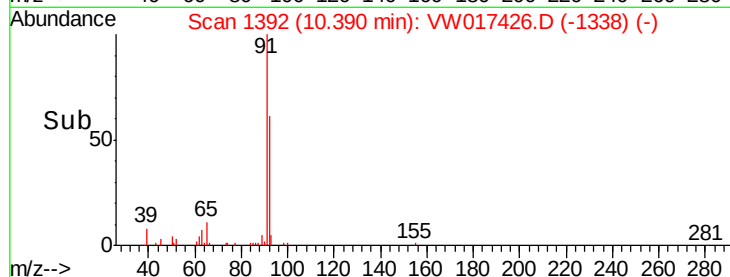
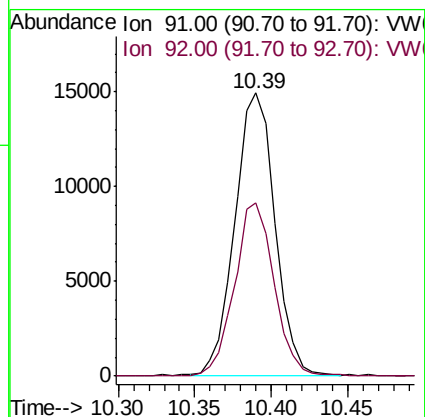
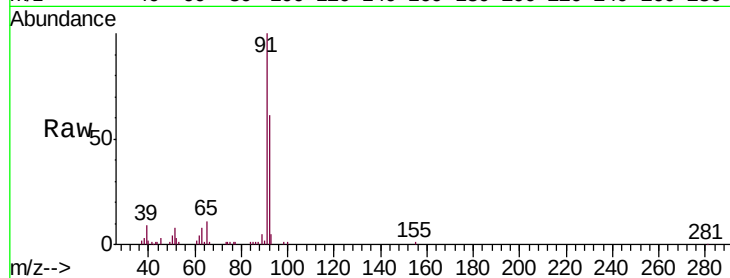
C0AD0

Tgt Ion: 91 Resp: 27194

Ion Ratio Lower Upper

91 100

92 61.1 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017426.D

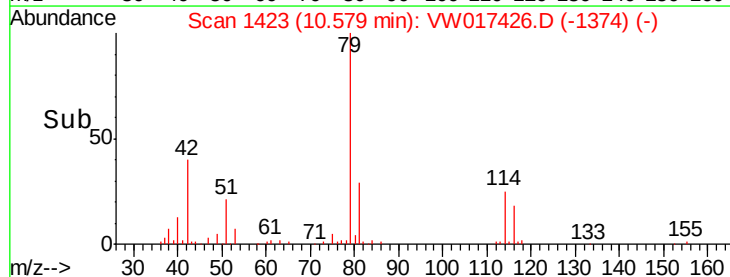
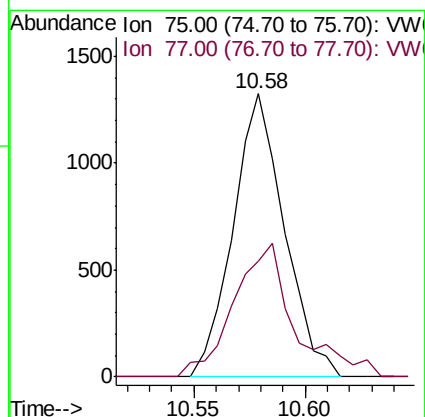
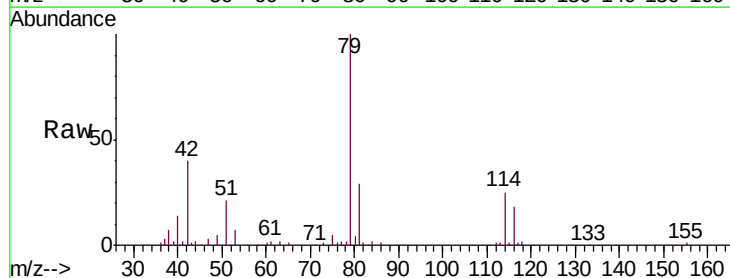
Acq: 20 Nov 2020 18:43

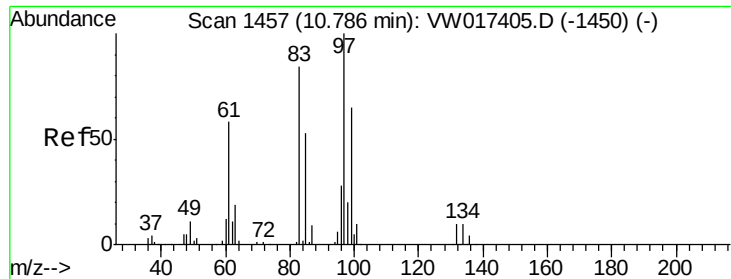
Tgt Ion: 75 Resp: 2123

Ion Ratio Lower Upper

75 100

77 40.8 22.0 40.8#

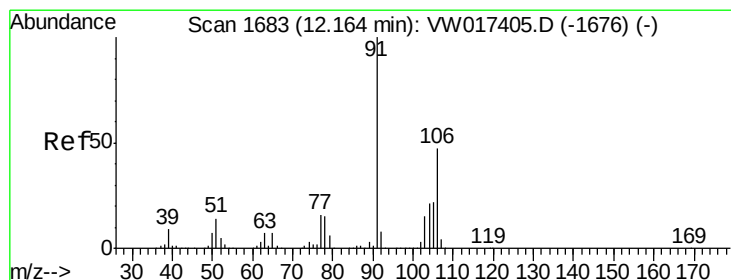
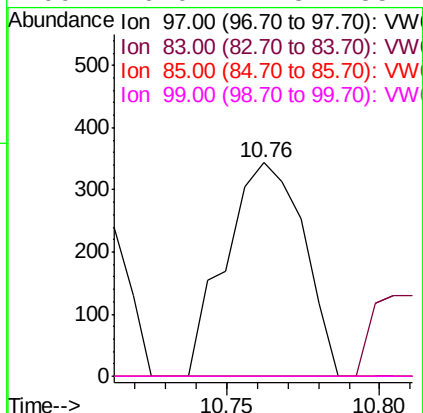
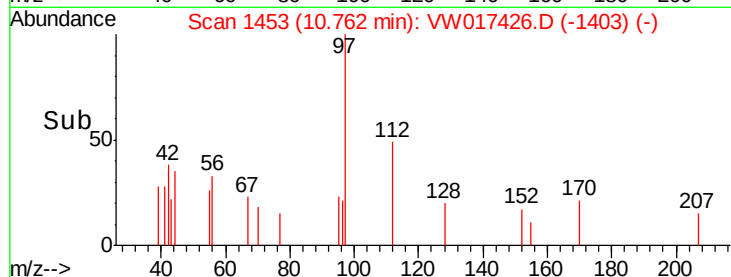
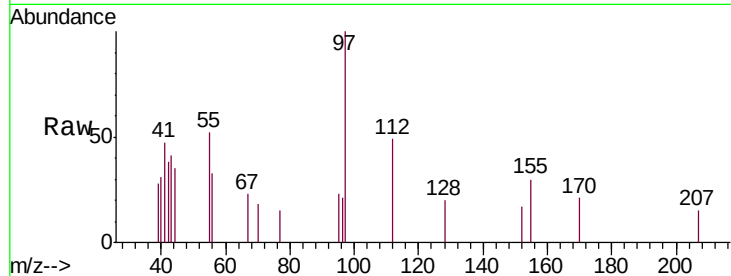




#46
 1,1,2-Trichloroethane
 Concen: 0.269 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW017426.D
 Acq: 20 Nov 2020 18:43

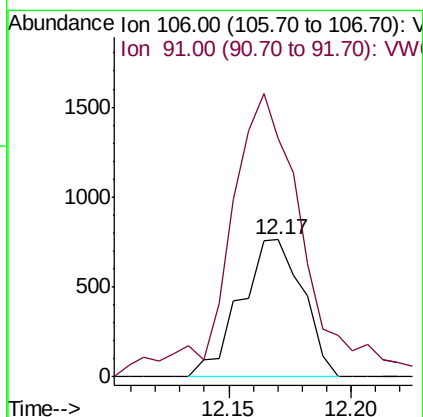
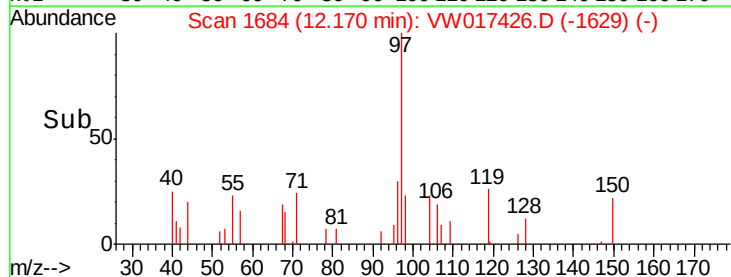
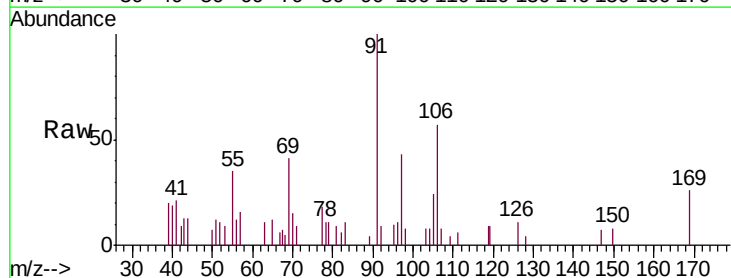
Instrument :
 MSVOA_W
 ClientSampleID :
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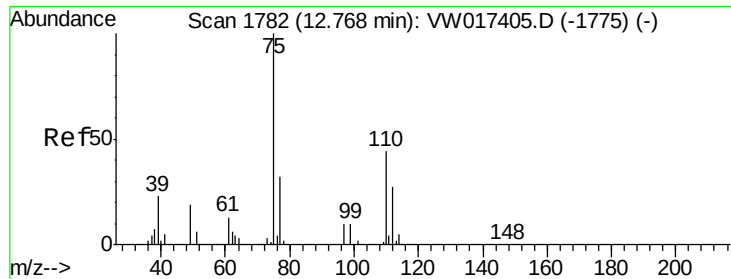
Tgt Ion: 97 Resp: 606
 Ion Ratio Lower Upper
 97 100
 83 0.0 56.6 105.2#
 85 0.0 37.7 69.9#
 99 0.0 44.8 83.2#



#55
 o-xylene
 Concen: 0.236 ug/L
 RT: 12.17 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VW017426.D
 Acq: 20 Nov 2020 18:43

Tgt Ion: 106 Resp: 1360
 Ion Ratio Lower Upper
 106 100
 91 174.1 139.5 259.1





#59

1,2,3-Trichloropropane

Concen: 3.299 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017426.D

Acq: 20 Nov 2020 18:43

Instrument :

MSVOA_W

ClientSampled :

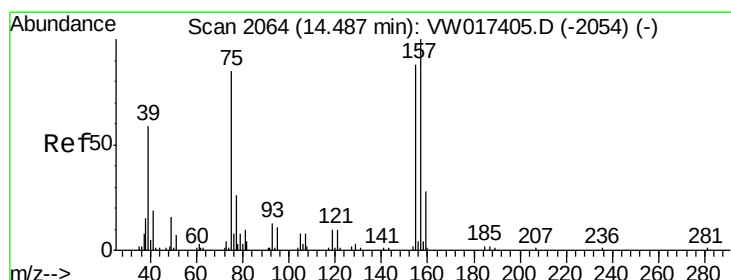
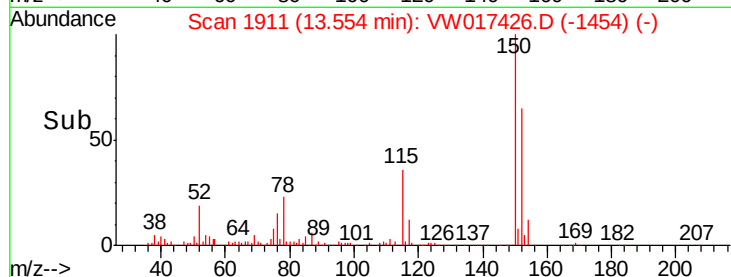
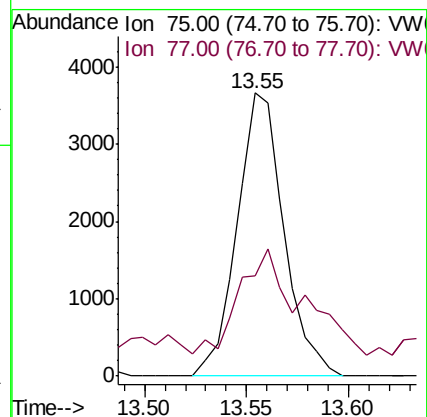
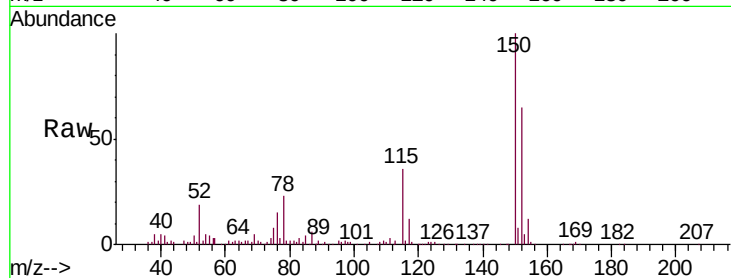
C0AD0

Tgt Ion: 75 Resp: 5813

Ion Ratio Lower Upper

75 100

77 34.3 26.6 40.0



#66

1,2-Dibromo-3-chloropropane

Concen: 6.870 ug/L

RT: 14.45 min Scan# 2058

Delta R.T. -0.04 min

Lab File: VW017426.D

Acq: 20 Nov 2020 18:43

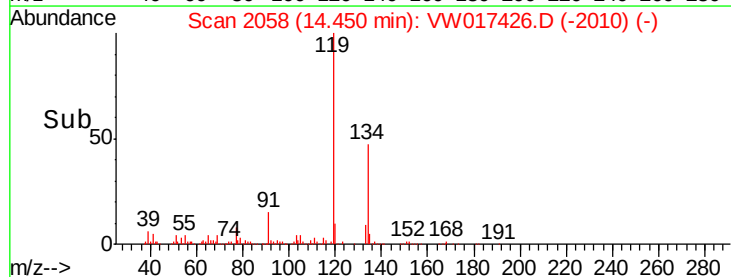
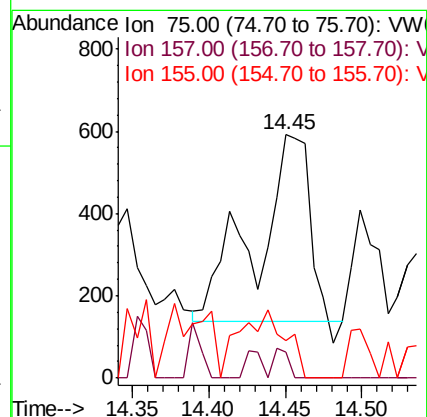
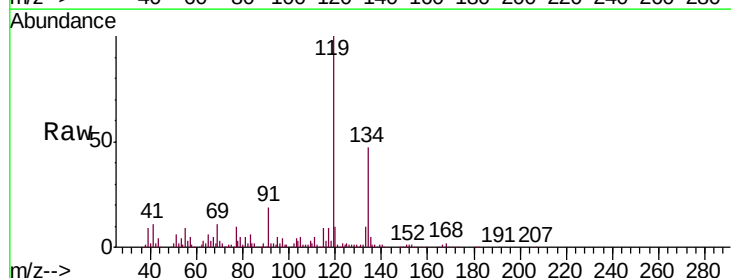
Tgt Ion: 75 Resp: 1088

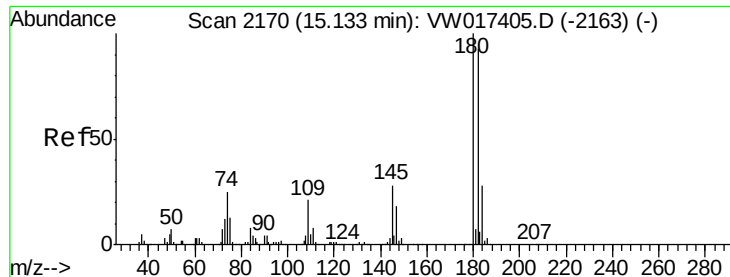
Ion Ratio Lower Upper

75 100

157 10.5 106.7 160.1#

155 15.2 70.6 106.0#

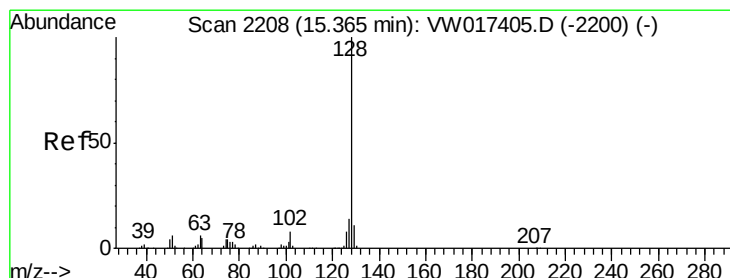
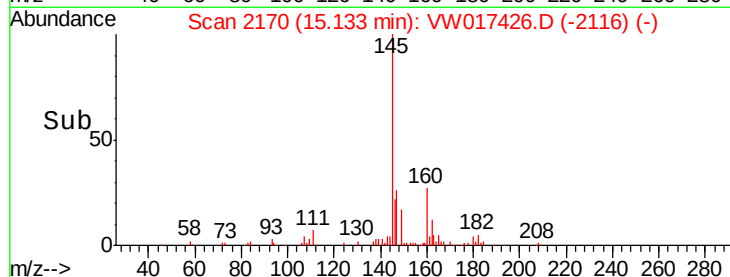
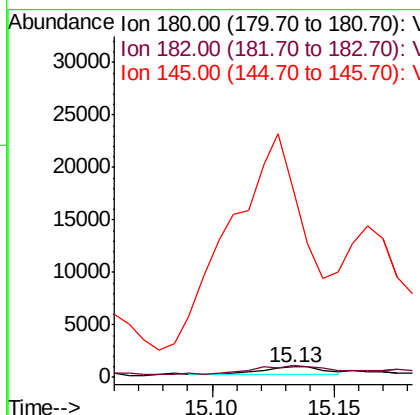
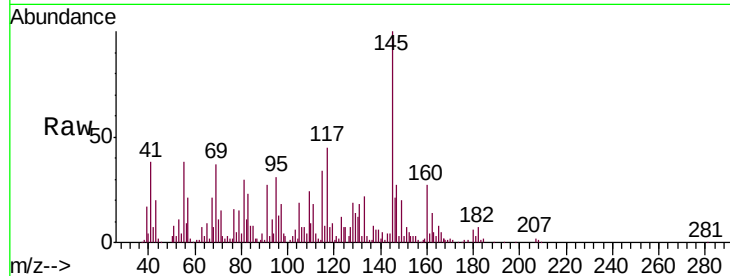




#68
 1,2,4-trichlorobenzene
 Concen: 0.685 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017426.D
 Acq: 20 Nov 2020 18:43

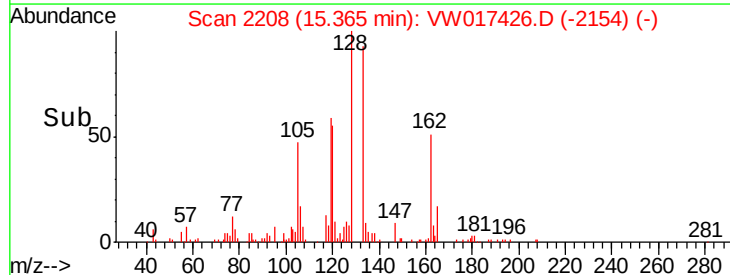
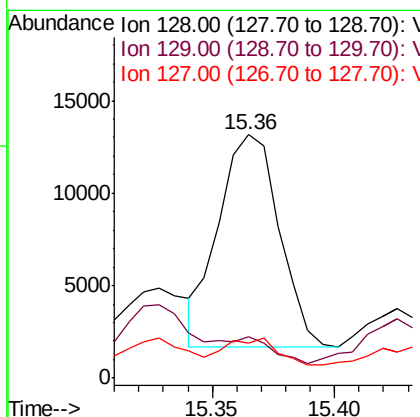
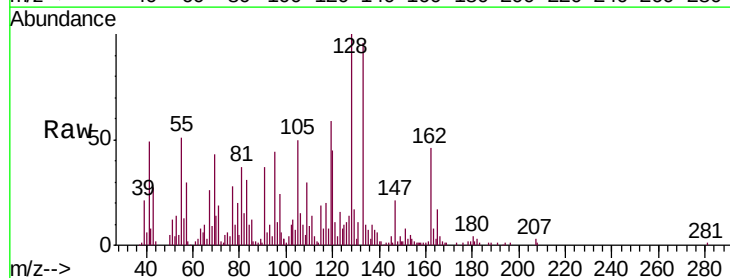
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 ClientSampleId :
 C0AD0

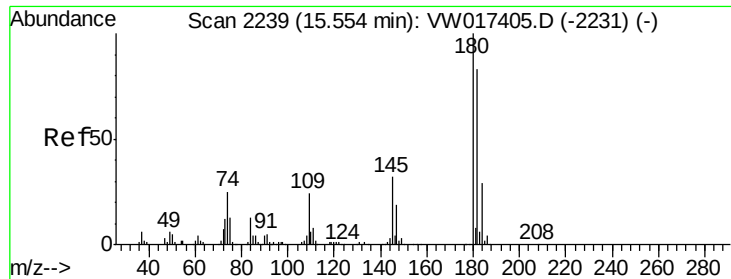
Tgt Ion:180 Resp: 1251
 Ion Ratio Lower Upper
 180 100
 182 134.9 77.0 115.6#
 145 4142.2 22.9 34.3#



#69
 Naphthalene
 Concen: 7.562 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW017426.D
 Acq: 20 Nov 2020 18:43

Tgt Ion:128 Resp: 19816
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.6 13.0#
 127 10.3 10.4 15.6#





#70
 1,2,3-Trichlorobenzene
 Concen: 2.186 ug/L
 RT: 15.52 min Scan# 2234
 Delta R.T. -0.03 min
 Lab File: VW017426.D
 Acq: 20 Nov 2020 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD0

Tgt Ion:180 Resp: 3511
 Ion Ratio Lower Upper
 180 100
 182 5.4 78.6 118.0#
 145 1353.5 25.4 38.0#

