

Data File : VW017430.D
Acq On : 20 Nov 2020 21:04
Operator : SY/VA
Sample : L4819-01RE
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AY8

Quant Time: Nov 21 02:28:19 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	368226	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96655	17.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.92%
7) Chloroethane-d5	2.89	69	84125	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
10) 1,1-Dichloroethene-d2	4.01	63	138140	14.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.96%
20) 2-Butanone-d5	7.08	46	29573	33.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.06%
24) Chloroform-d	7.65	84	199764	20.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	8.31	65	100740	21.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.20%
29) Benzene-d6	8.27	84	387375	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	9.27	67	108648	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.16%
37) Toluene-d8	10.32	98	361656	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.76%
38) trans-1,3-Dichloropropene-	10.58	79	38410	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.64%
39) 2-Hexanone-d5	10.93	63	23401	37.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78199	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	99142	21.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.52%

Target Compounds

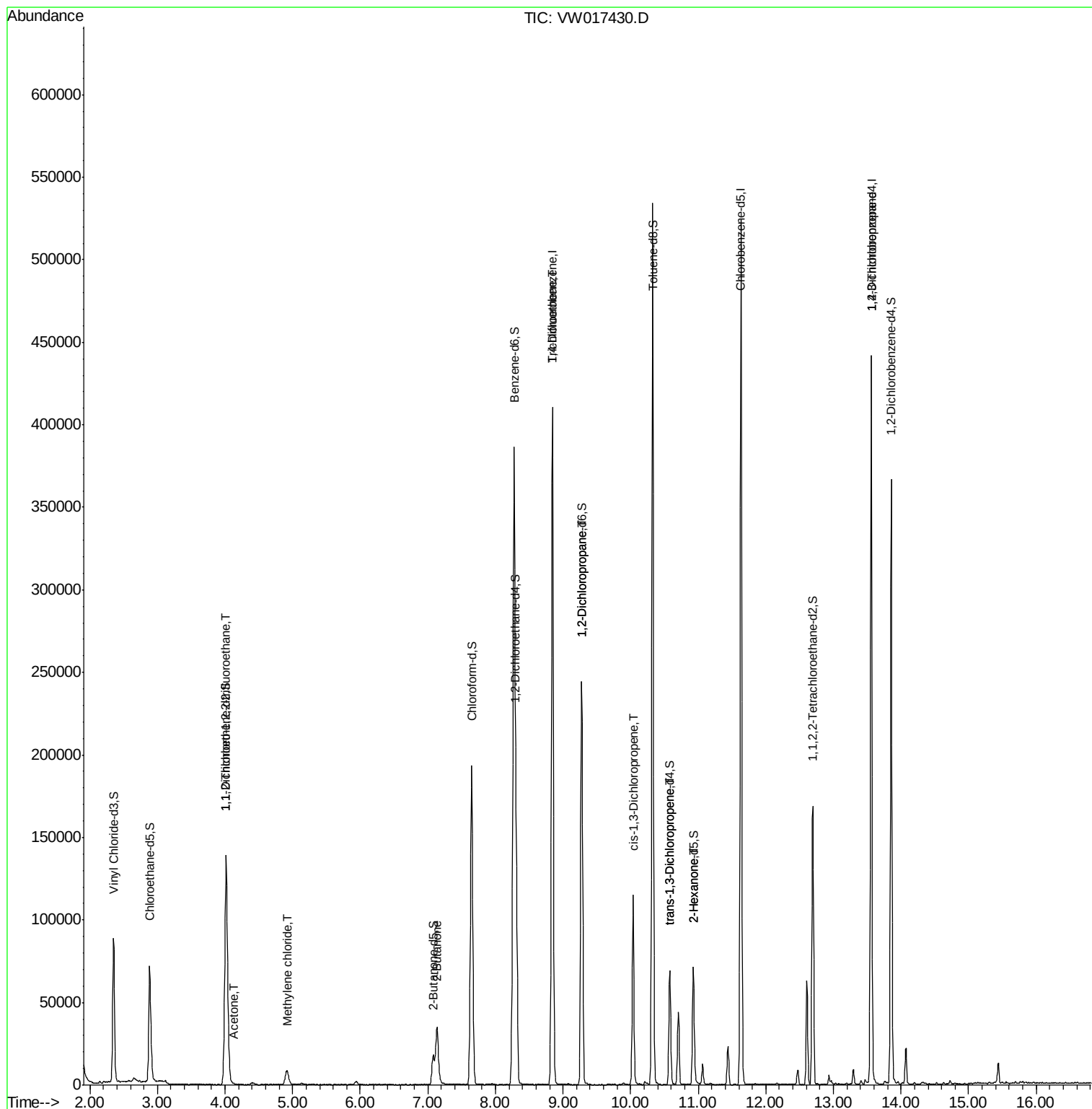
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1578	0.313	ug/L #	16
13) Acetone	4.13	43	507	0.776	ug/L	86
16) Methylene chloride	4.92	84	7729	1.227	ug/L	97
21) 2-Butanone	7.14	43	4126	4.120	ug/L #	49
35) Trichloroethene	8.84	95	10816	2.179	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13268	3.342	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3604	0.585	ug/L #	75
45) trans-1,3-Dichloropropene	10.59	75	2124	0.407	ug/L	96
49) 2-Hexanone	10.93	43	3510	2.960	ug/L #	60
59) 1,2,3-Trichloropropane	13.56	75	13474	5.508	ug/L	94

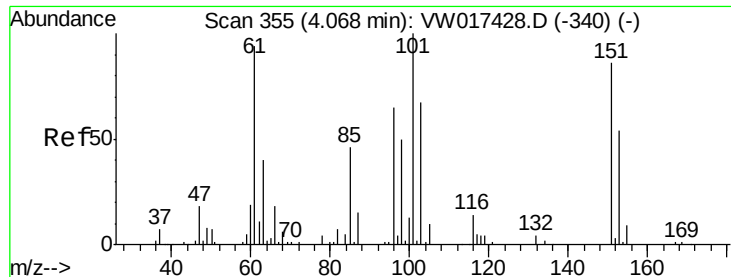
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017430.D
Acq On : 20 Nov 2020 21:04
Operator : SY/VA
Sample : L4819-01RE
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AY8

Quant Time: Nov 21 02:28:19 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





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.313 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

Lab File: VW017430.D

Acq: 20 Nov 2020 21:04

Instrument :

MSVOA_W

ClientSampleId :

C0AY8

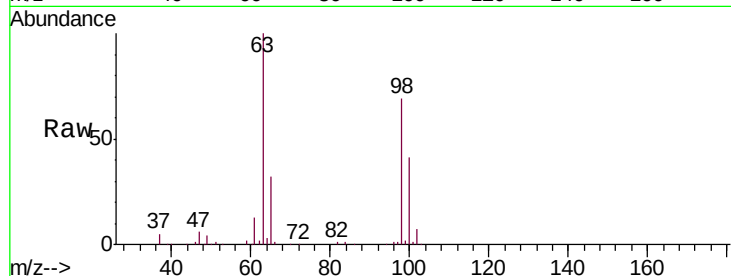
Tgt Ion: 101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

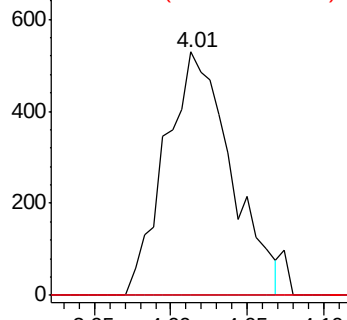
151 0.0 66.3 99.5#



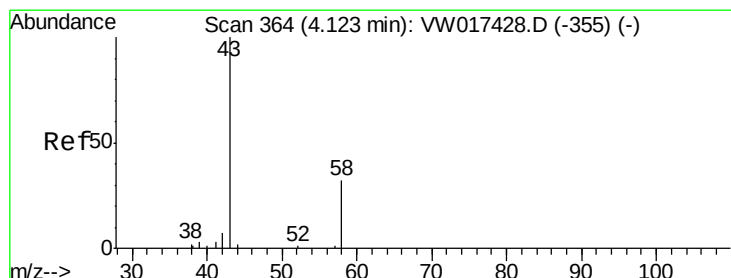
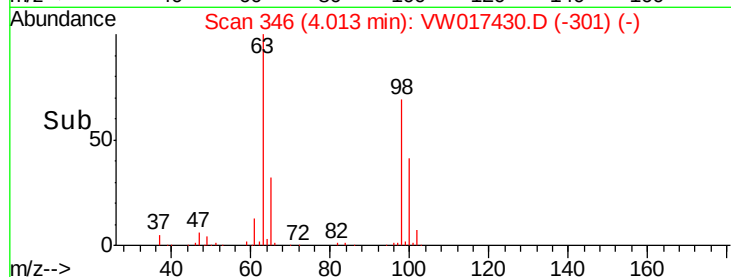
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 0.776 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017430.D

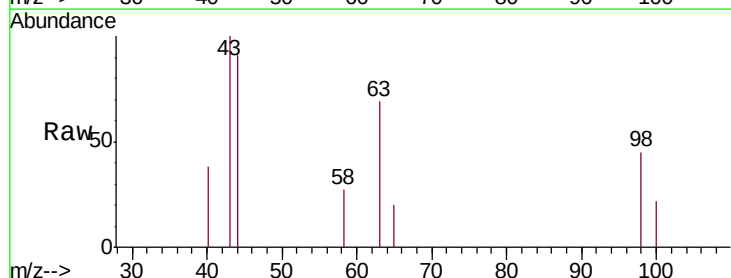
Acq: 20 Nov 2020 21:04

Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

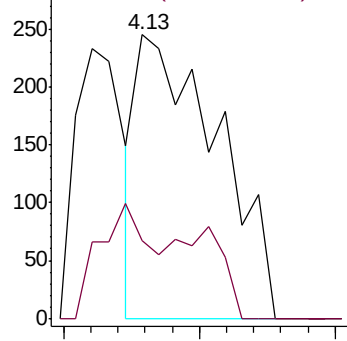
43 100

58 25.4 0.0 67.0

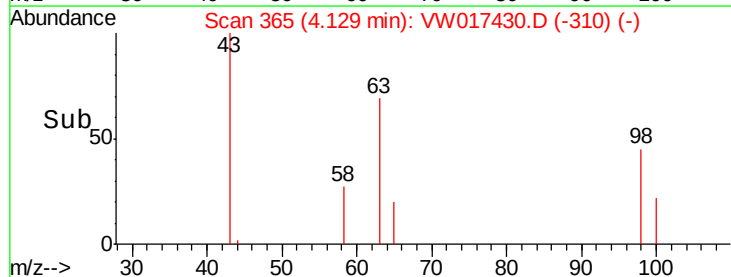


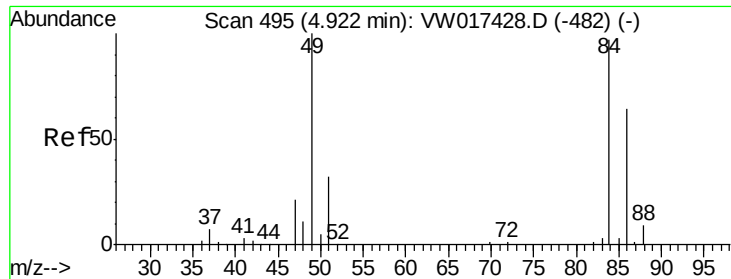
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

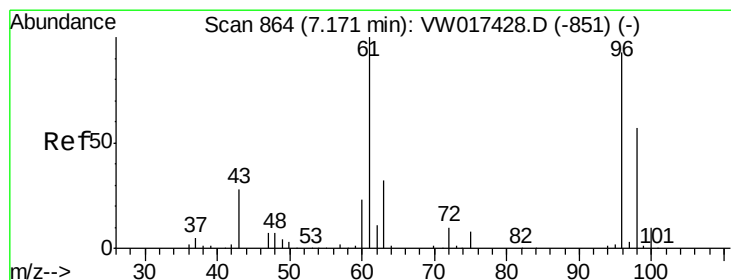
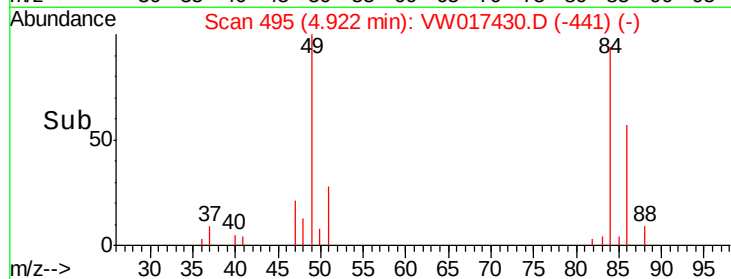
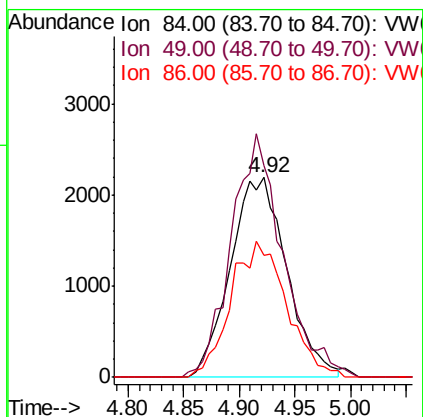
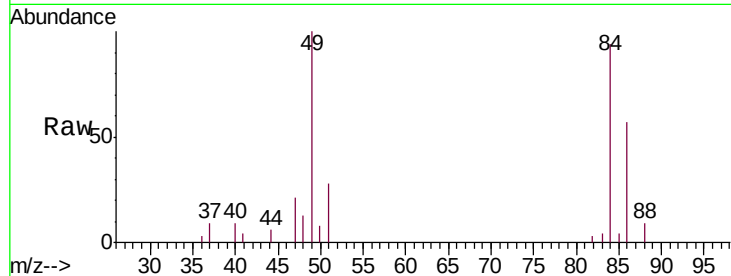




#16
Methylene chloride
Concen: 1.227 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017430.D
Acq: 20 Nov 2020 21:04

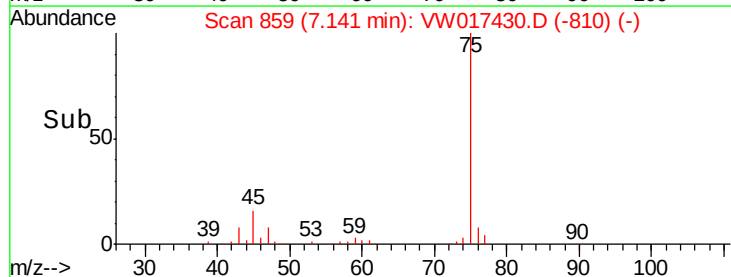
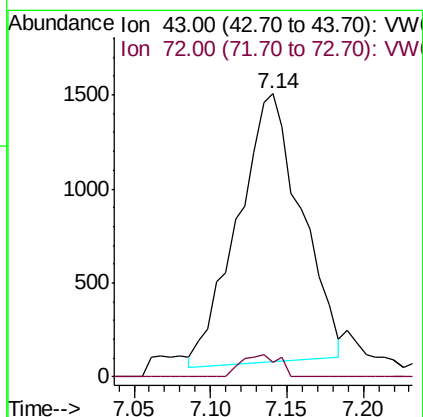
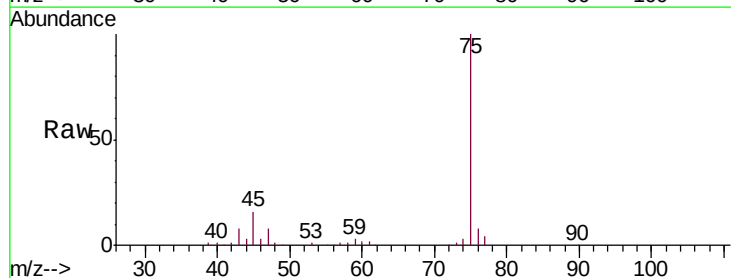
Instrument :
MSVOA_W
ClientSampleId :
C0AY8

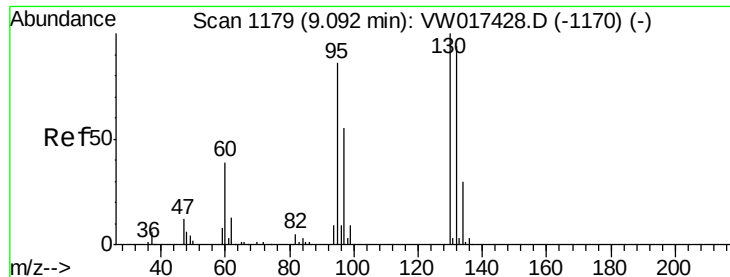
Tgt Ion: 84 Resp: 7729
Ion Ratio Lower Upper
84 100
49 106.1 71.5 132.9
86 60.8 42.8 79.4



#21
2-Butanone
Concen: 4.120 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW017430.D
Acq: 20 Nov 2020 21:04

Tgt Ion: 43 Resp: 4126
Ion Ratio Lower Upper
43 100
72 4.0 16.4 49.1#





#35

Trichloroethene

Concen: 2.179 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017430.D

Acq: 20 Nov 2020 21:04

Instrument :

MSVOA_W

ClientSampleId :

C0AY8

Tgt Ion: 95 Resp: 10816

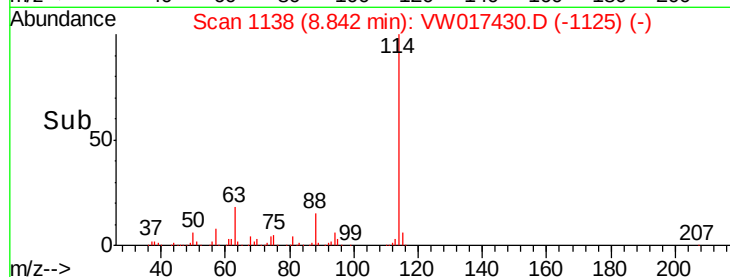
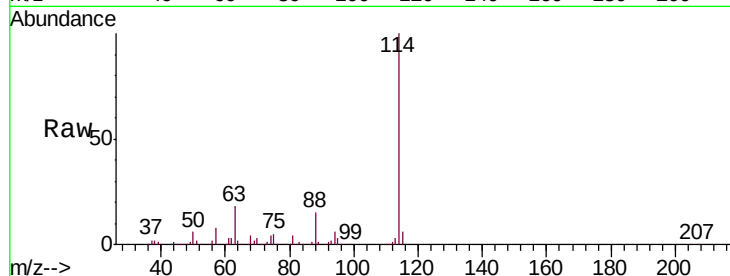
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

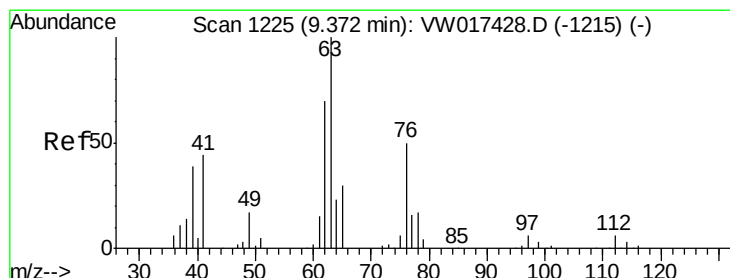
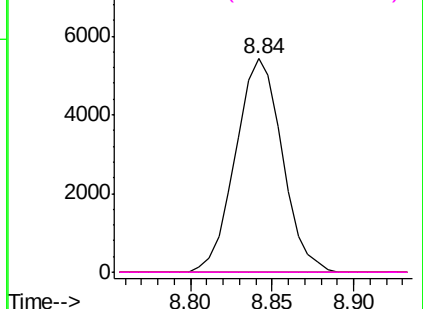


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.342 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017430.D

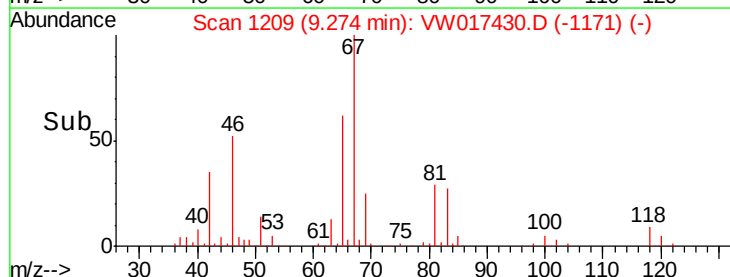
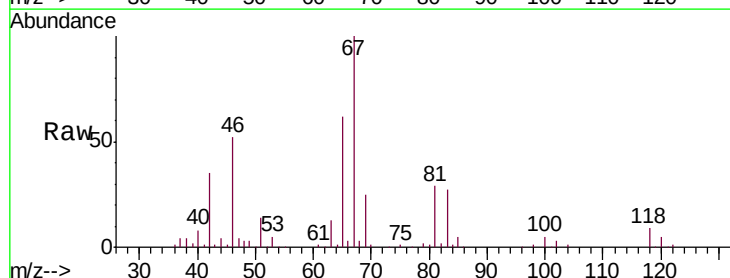
Acq: 20 Nov 2020 21:04

Tgt Ion: 63 Resp: 13268

Ion Ratio Lower Upper

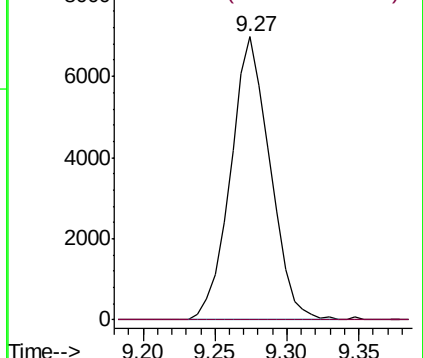
63 100

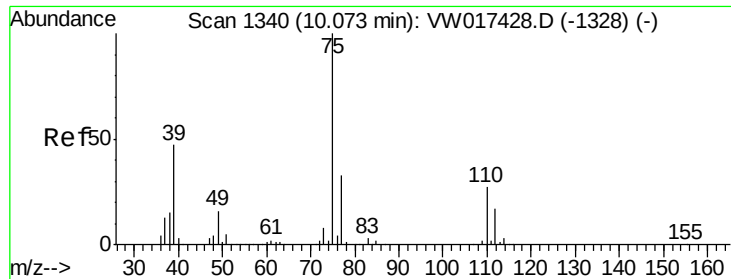
112 0.0 4.2 6.4#



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: 0.585 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017430.D

Acq: 20 Nov 2020 21:04

Instrument :

MSVOA_W

ClientSampled :

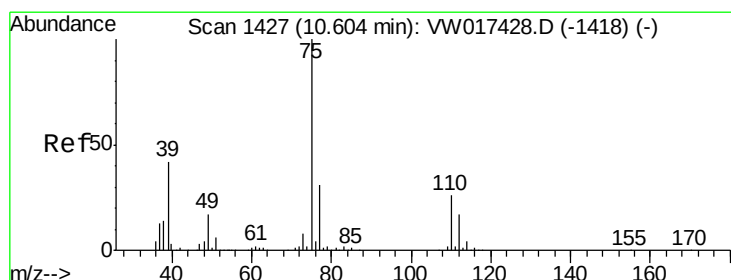
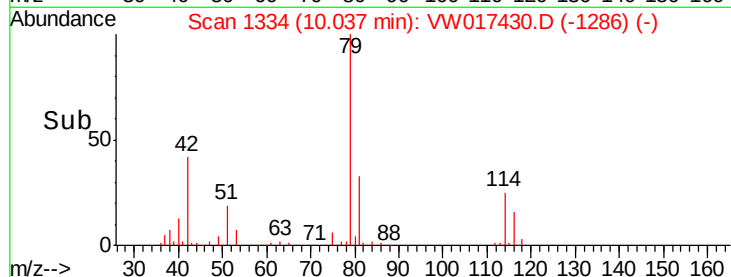
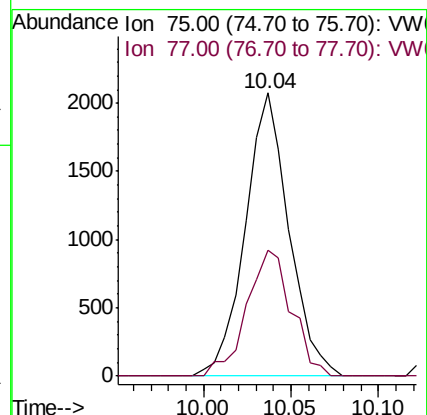
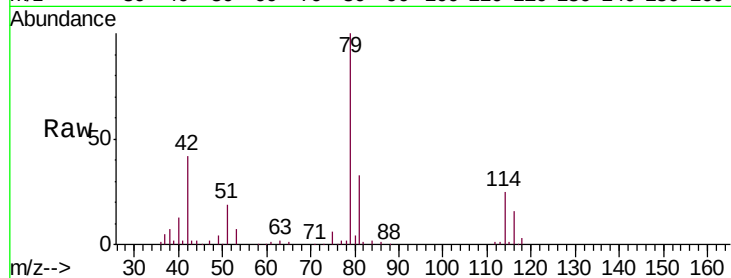
C0AY8

Tgt Ion: 75 Resp: 3604

Ion Ratio Lower Upper

75 100

77 44.6 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.407 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017430.D

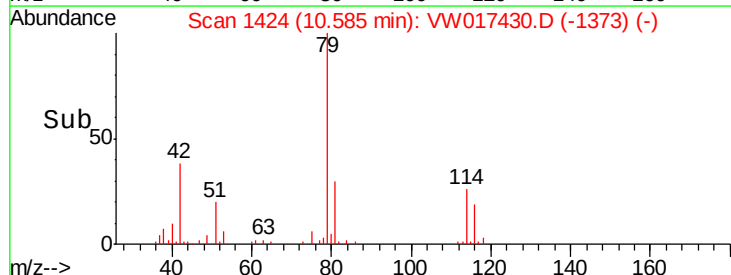
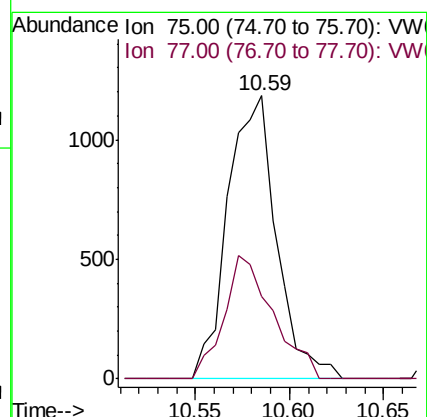
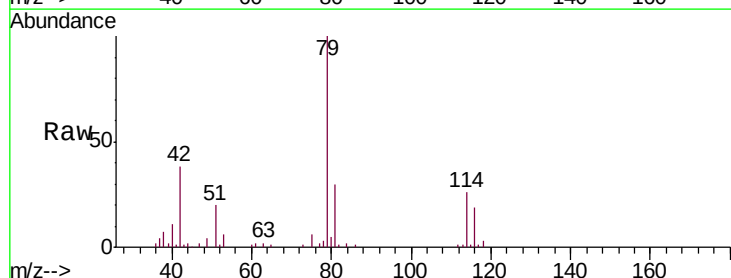
Acq: 20 Nov 2020 21:04

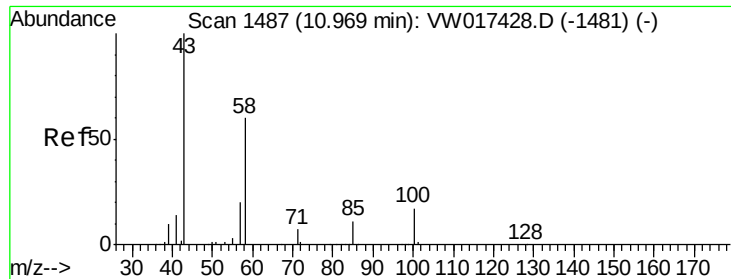
Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

77 29.1 22.0 40.8





#49

2-Hexanone

Concen: 2.960 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017430.D

Acq: 20 Nov 2020 21:04

Instrument :

MSVOA_W

ClientSampleId :

C0AY8

Tgt Ion: 43 Resp: 3510

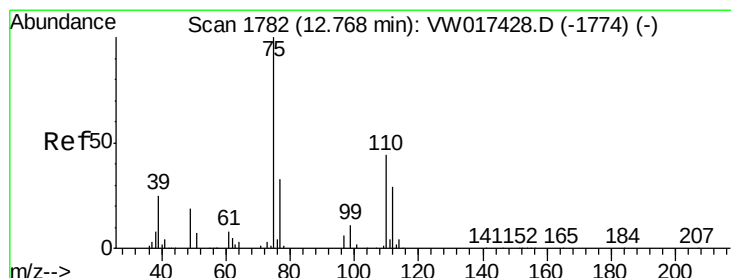
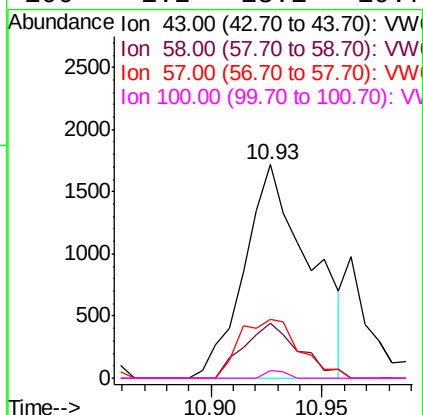
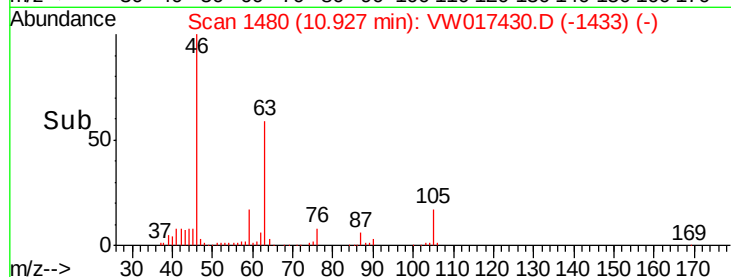
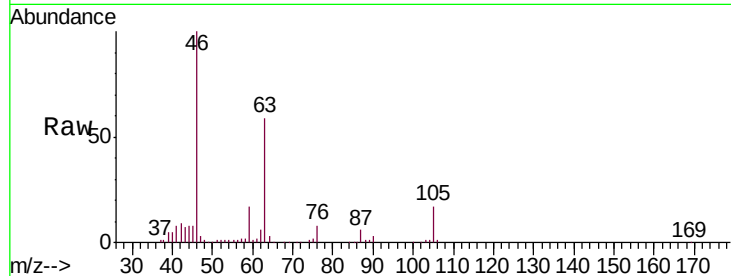
Ion Ratio Lower Upper

43 100

58 22.0 49.4 74.0#

57 25.4 17.0 25.4

100 1.2 13.1 19.7#



#59

1,2,3-Trichloropropane

Concen: 5.508 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017430.D

Acq: 20 Nov 2020 21:04

Tgt Ion: 75 Resp: 13474

Ion Ratio Lower Upper

75 100

77 36.8 26.6 40.0

