

Data File : VW014142.D
Acq On : 26 Nov 2019 18:28
Operator : SY/VA
Sample : K6063-08
Misc : 5.64G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BN4

Quant Time: Nov 27 07:09:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	13284	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	8476	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	4250	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
7) Chloroethane-d5	2.89	69	5899	34.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.32%
10) 1,1-Dichloroethene-d2	4.03	63	7299	16.78	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.12%
20) 2-Butanone-d5	7.08	46	3039	49.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.72%
24) Chloroform-d	7.65	84	13800	33.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	135.16%
26) 1,2-Dichloroethane-d4	8.31	65	7562	36.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	147.28%#
29) Benzene-d6	8.27	84	23962	39.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	159.36%#
33) 1,2-Dichloropropane-d6	9.27	67	8137	46.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	184.76%#
37) Toluene-d8	10.32	98	15631	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.64%
38) trans-1,3-Dichloropropene-	10.59	79	2027	26.87	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.48%
39) 2-Hexanone-d5	10.92	63	472	14.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	5729	43.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	172.28%#
61) 1,2-Dichlorobenzene-d4	13.86	152	1325	46.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	187.40%#

Target Compounds

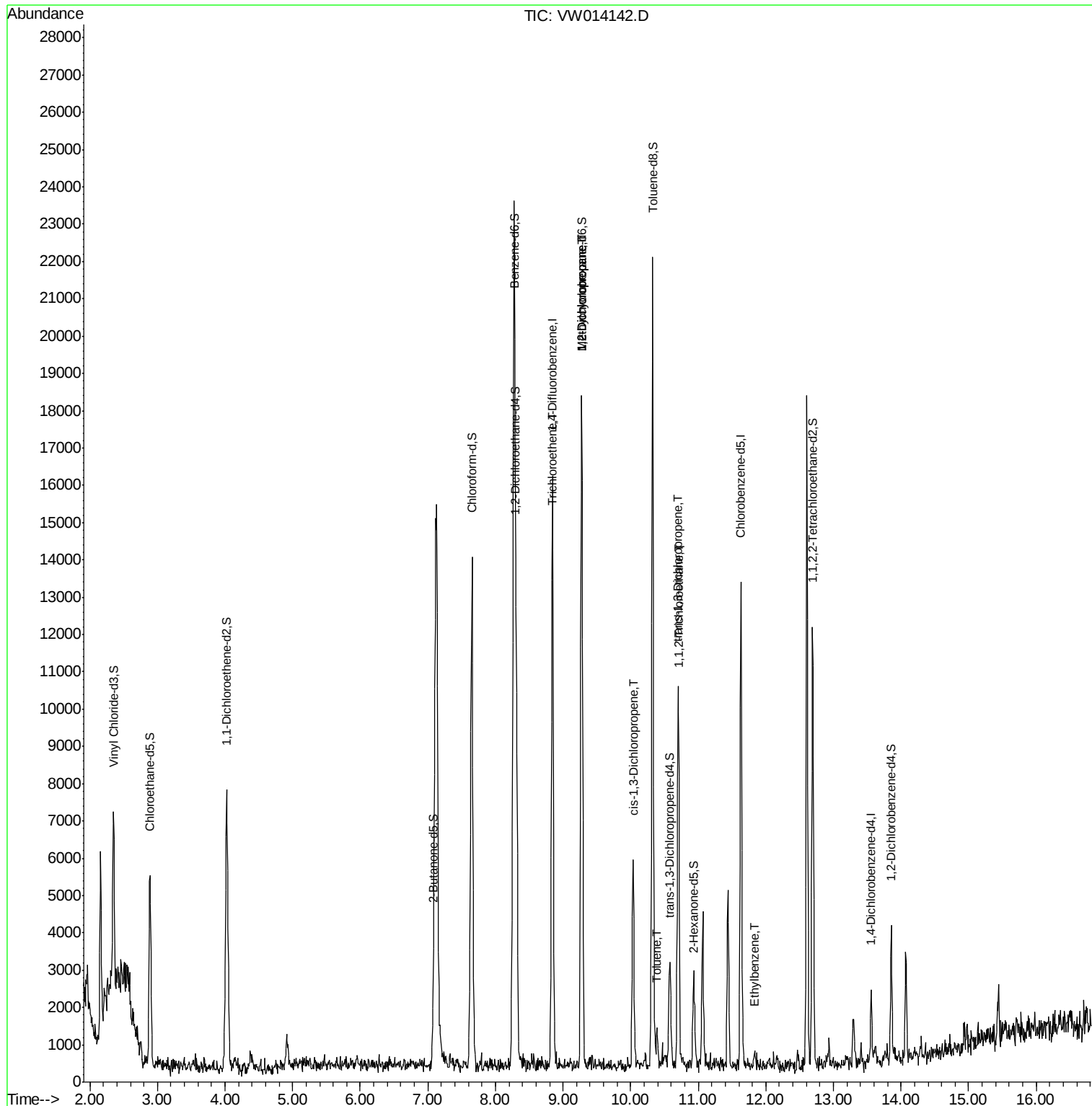
					Qvalue
35) Trichloroethene	8.85	95	189	1.140 ug/L #	2
36) Methylcyclohexane	9.28	83	2265	7.617 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	1054	7.042 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	99	0.419 ug/L #	43
44) Toluene	10.40	91	846	1.248 ug/L #	60
45) trans-1,3-Dichloropropene	10.71	75	161	0.862 ug/L	92
46) 1,1,2-Trichloroethane	10.71	97	67	0.609 ug/L #	15
53) Ethylbenzene	11.84	91	357	0.480 ug/L #	43

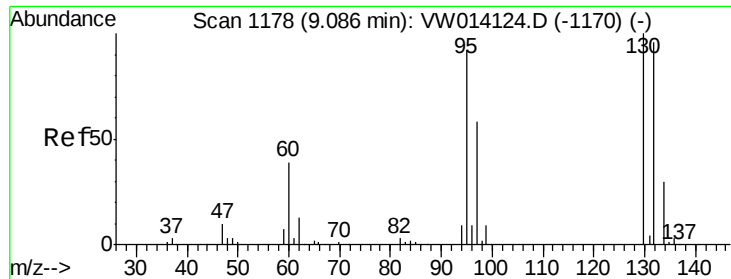
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.140 ug/L

RT: 8.85 min Scan# 1140

Delta R.T. -0.23 min

Lab File: VW014142.D

Acq: 26 Nov 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

C0BN4

Tgt Ion: 95 Resp: 189

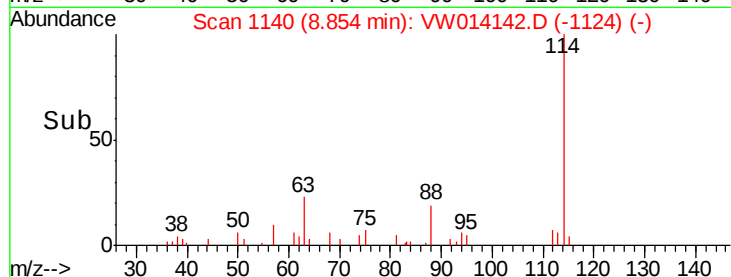
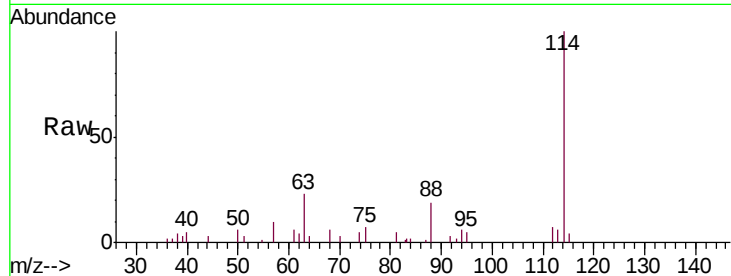
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

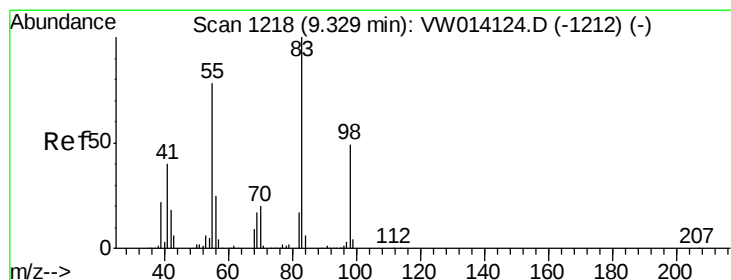
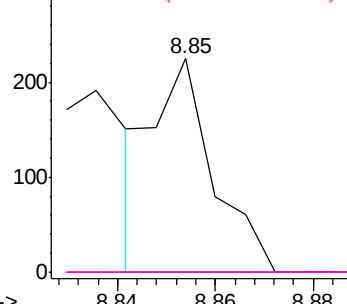


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 7.617 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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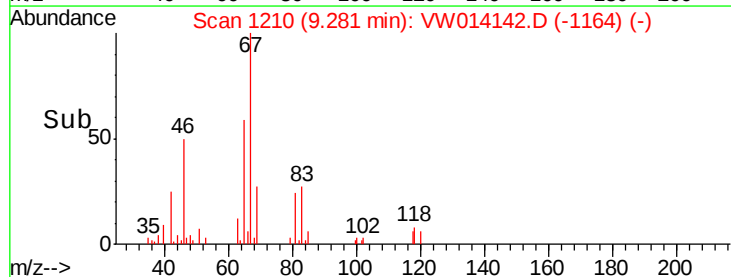
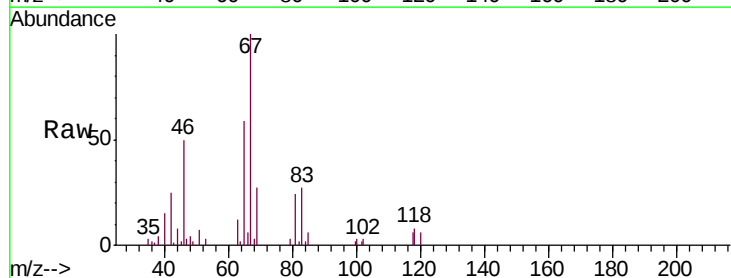
Tgt Ion: 83 Resp: 2265

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.8#

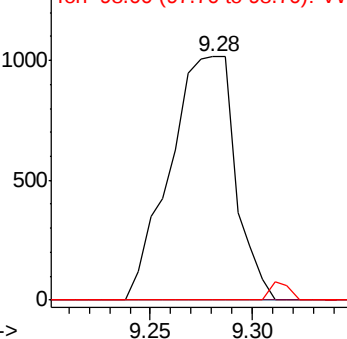
98 2.2 39.5 59.3#

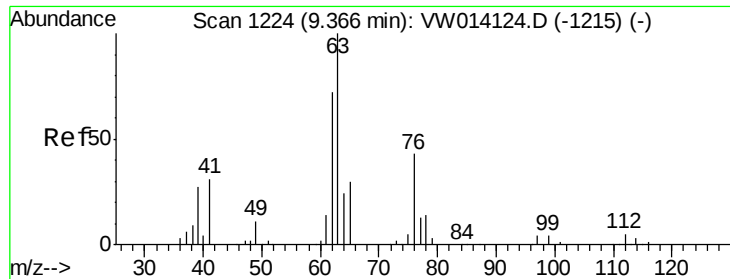


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

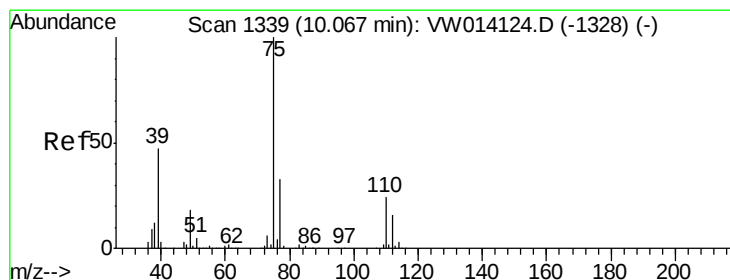
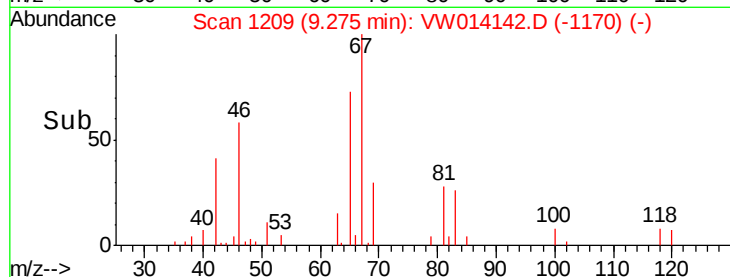
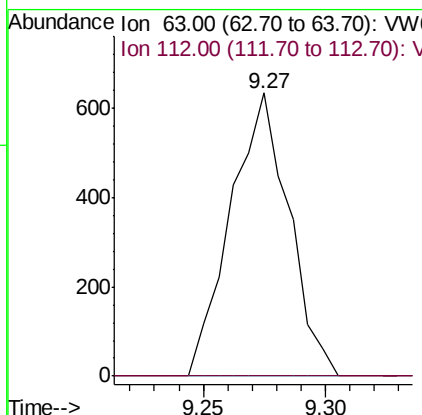
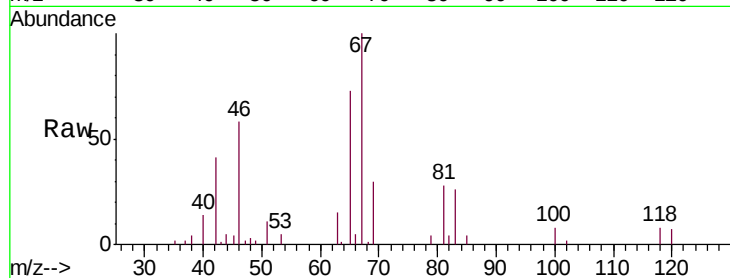




#40
 1,2-Dichloropropane
 Concen: 7.042 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014142.D
 Acq: 26 Nov 2019 18:28

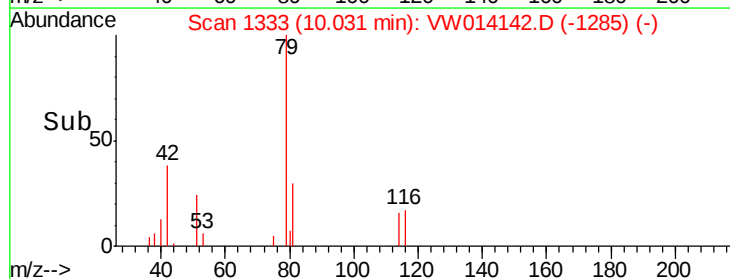
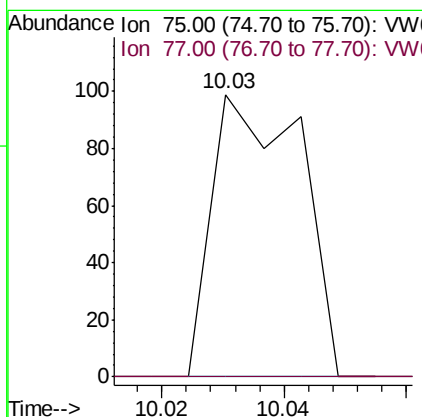
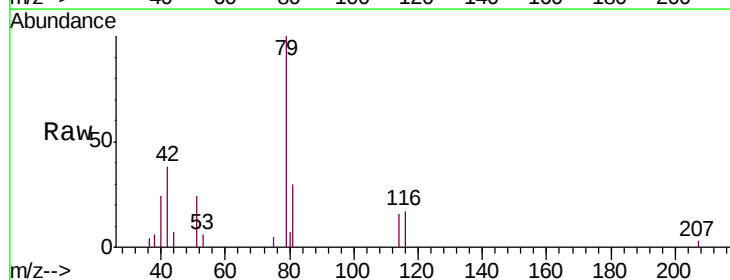
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 MSVOA_W
 ClientSampleId :
 C0BN4

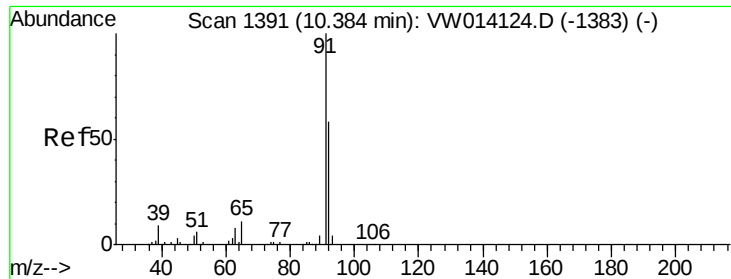
Tgt Ion: 63 Resp: 1054
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.419 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014142.D
 Acq: 26 Nov 2019 18:28

Tgt Ion: 75 Resp: 99
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.1 41.1#





#44

Toluene

Concen: 1.248 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW014142.D

Acq: 26 Nov 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

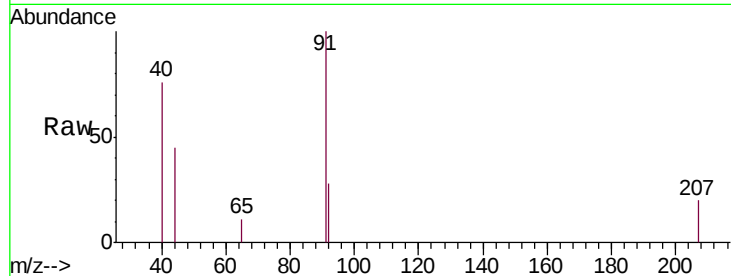
C0BN4

Tgt Ion: 91 Resp: 846

Ion Ratio Lower Upper

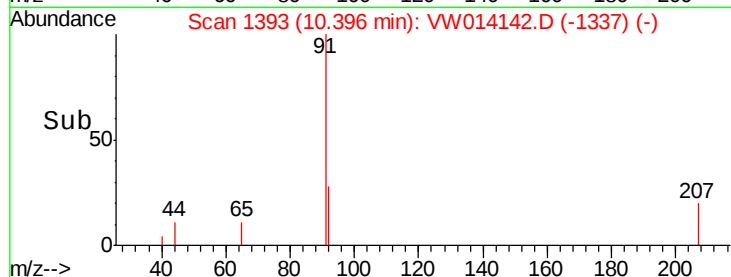
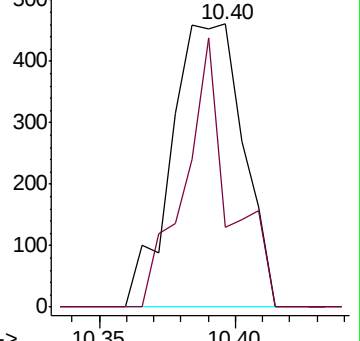
91 100

92 28.2 40.7 75.7#

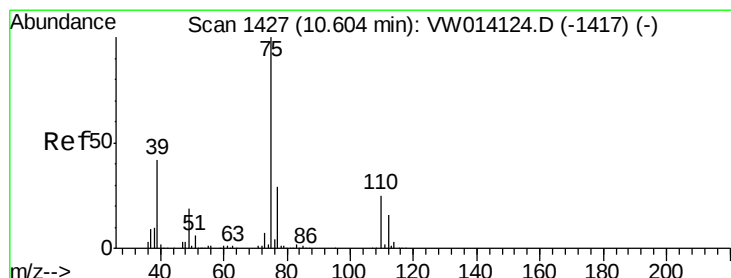


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.862 ug/L

RT: 10.71 min Scan# 1444

Delta R.T. 0.10 min

Lab File: VW014142.D

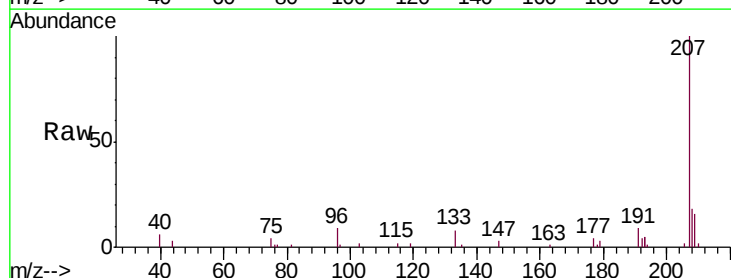
Acq: 26 Nov 2019 18:28

Tgt Ion: 75 Resp: 161

Ion Ratio Lower Upper

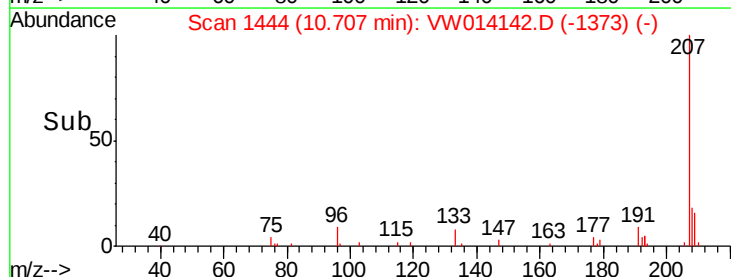
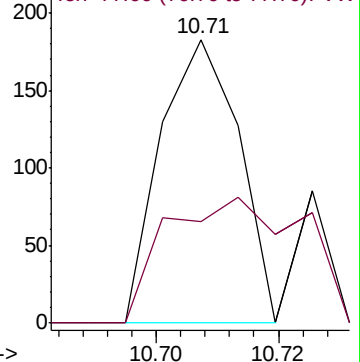
75 100

77 35.5 21.8 40.6

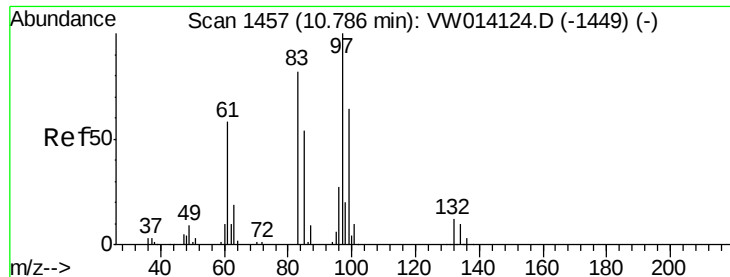


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



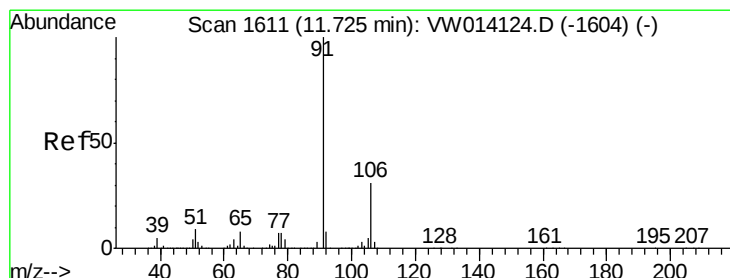
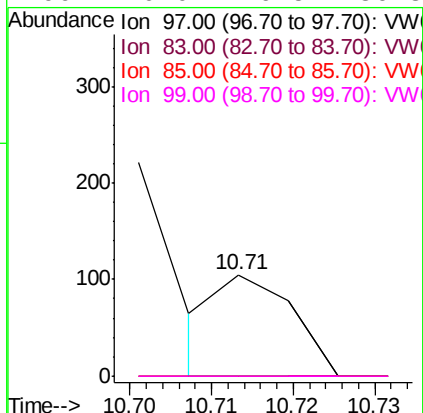
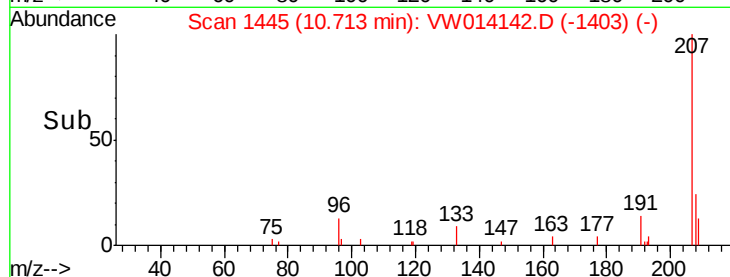
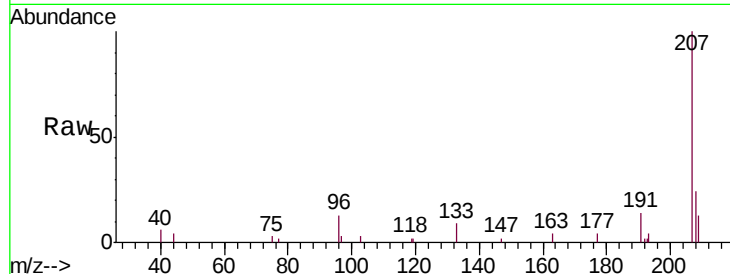
Time-->



#46
 1,1,2-Trichloroethane
 Concen: 0.609 ug/L
 RT: 10.71 min Scan# 1445
 Delta R.T. -0.07 min
 Lab File: VW014142.D
 Acq: 26 Nov 2019 18:28

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BN4

Tgt Ion:	97	Resp:	67
Ion	Ratio	Lower	Upper
97	100		
83	0.0	58.9	109.5#
85	0.0	38.1	70.9#
99	0.0	46.5	86.3#



#53
 Ethylbenzene
 Concen: 0.480 ug/L
 RT: 11.84 min Scan# 1629
 Delta R.T. 0.11 min
 Lab File: VW014142.D
 Acq: 26 Nov 2019 18:28

Tgt Ion:	91	Resp:	357
Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.3	41.5#

